

Accessories for  
vehicle transportation,  
towing and recovery

**ProLux**



**Systemtechnik**  
GmbH & Co. KG

ProLux-Systemtechnik



**The world of towing ideas 2011/2012**

Price EUR 5.-



We are  
**HERE FOR YOU!**

**ProLux**

*Partner*

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**www.towing.de**



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\* UK, EIRE and selected countries



Excellent  
**SERVICE!**

**ProLux**

See the whole ProLux team at  
[www.towing.de](http://www.towing.de)



**Anthony  
Ogden**

[tony.ogden@prolux.de](mailto:tony.ogden@prolux.de)



**International catalogue - order now!**



Wir freuen uns  
auf Ihren Anruf!



Nous nous  
réjouissons de  
votre appel!



Nos alegráramos  
de su llamada!



Siamo lieti di aver  
ricevuto la vostra  
telefonata!



Odotamme  
soittoanne!



Wij zien uw  
aanvraag graag  
tegemoet!



Vi ser fram emot  
ert samtal!



Vi glæder os til  
Deres opkald!



Tešíme se na  
vaše zavolání!

Details of our services and terms of business at the end of the catalogue.



# 2011/2012 NEW PRODUCTS

**ProLux**

A selection of our new products:



**Safety sandals**  
Code no. 930 356  
Price 39 Euros

Clothing

P. 39



**LED work lamp**  
Code no. 110 142  
Price 99 Euros

Lighting

P. 51



**Charger MXS 4003**  
Code no. 101 825  
Price 63 Euros

Energy

P. 75



**Fanfare BEAM**  
Code no. 205 105  
Price 69 Euros

Bits and bobs

P. 99



**Tool box**  
Code no. 461 021  
Price 107 Euros

Organisation

P. 113



**LED beacon**  
Code no. 580 135  
Price 174 Euros

Beacons and lightbars

P. 129



**LED strobe light**  
Code no. 360 957  
Price 305 Euros

Safety

P. 169



**Wheel dolly tie-down**  
Code no. 500 515  
Price 18.90 Euros

Lifting-Securing

P. 197



**Motorcycle stand**  
Code no. 601 115  
Price 139 Euros

Transport

P. 240

**Motorcycle loading ramps**  
Code no. 483 107  
Price 129 Euros

Loading

P. 257



**Easy pick tool**  
Code no. 402 305  
Price 149 Euros



Tools

P. 259



**Hydraulic winch HD-P 34.9**  
Code no. 639 253  
Price 1190 Euros

Winches

P. 291

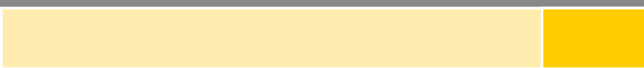




## Clothing

Workwear, safety wear, logos and lettering

[pages 4 to 39](#)



## Lighting

Vehicle lighting, work lamps and torches

[pages 40 to 62](#)



## Energy

Power supply and control

[pages 63 to 83](#)



## Hydraulics

Valve blocks, PTOs, cylinders

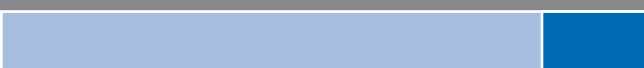
[pages 84 to 93](#)



## Bits and bobs

Accessories, fittings, models, toys and books

[pages 94 to 108](#)



## Organisation

Boxes, containers and spillage equipment

[pages 109 to 125](#)



## Beacons and lightbars

Beacons, lightbars

[pages 126 to 148](#)



## Safety

Safety products for you and others

[pages 149 to 180](#)



## Lifting and securing

Straps, chains and accessories

[pages 181 to 212](#)



## Transport

Transportation equipment

[pages 213 to 245](#)



## Loading

Loading equipment

[pages 246 to 257](#)



## Tools

Tools, entry tools, pumps, compressors and testers

[pages 258 to 279](#)



## Winches

Winches, ropes, fairleads, snatch blocks and pulleys

[pages 280 to 302](#)



## Partners

Clubs and associations, body builders and service providers

[pages 299 - ???](#)



### Trousers in detail:



notice block/mobile phone pocket



braces compatible



large seat pocket



perfect fit

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



Buy new trousers now!

### Polo shirt

Elastic and robust sports fibre, breathable with high wearing comfort.

### Waistband trousers

Waistband trousers with optimal fit, 12 practical pockets. EN 471, class 2.



| Code no.  | Description        | Size                 | Price EUR |
|-----------|--------------------|----------------------|-----------|
| 204 01T-N | Waistband trousers | 42-66, 23-29, 90-118 | 49.00     |
| 970 306   | Polo shirt         | S-XXXXL              | 24.90     |
| 902 26T   | Reflective belt    | 1200, 1400 mm        | 9.50      |
| 902 66T   | Reflective braces  |                      | 22.50     |
| 023 109   | Trouser set        | see page 30          | 199.00    |



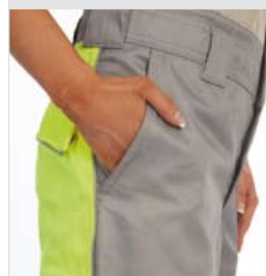


Select the correct size!  
Size chart and information on inside back page.

## Overalls

Optimal protection in every situation, 13 practical pockets. EN 471, class 3.

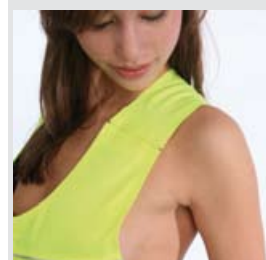
## Overalls in detail:



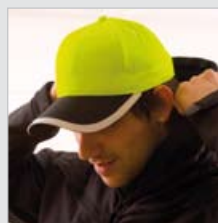
practical pockets



tool pocket



comfortable straps



## Reflective cap

For additional safety, water-repelling nylon, with velcro-fastener for size adjustment.



rear view

## Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



| Code no.  | Description         | Size                 | Price EUR |
|-----------|---------------------|----------------------|-----------|
| 204 09T-N | Overall             | 44-66, 24-29, 90-118 | 69.00     |
| 970 306   | Polo shirt          | S-XXXXL              | 24.90     |
| 964 689   | Reflective cap      |                      | 5.90      |
| 930 706   | Safety shoes        | 38-47                | 47.00     |
| 930 806   | Lace-up boots Sport | 38-47                | 59.00     |
| 023 119   | Overall set         | see page 30          | 175.00    |

**Winter jacket  
in detail:**

removable hood



warm lining



comfortable pockets



removable sleeves

**Good to know:**

Fabric  
acid resistant!

Hi-vis applications  
industry-washable!

Buy in sets  
and save!  
See page 30

**Winter jackets**

With removable  
sleeves and hood.  
Fully zippable collar.  
EN 471, class 2.

**Winter cap**

With fleeced  
earmuffs.

**Watch cap**

The cap made popular by  
navy watchmen that wear  
them while on duty.



Replace  
old jackets  
now!



| Code no.  | Description   | Size                 | Price EUR |
|-----------|---------------|----------------------|-----------|
| 204 06T-N | Winter jacket | S-XXXXL              | 119.00    |
| 204 09T-N | Overall       | 44-66, 24-29, 90-118 | 69.00     |
| 970 306   | Polo shirt    | S-XXXXL              | 24.90     |
| 200 13T   | Winter cap    | M-XXL                | 15.00     |
| 640 13T   | Watch cap     |                      | 9.90      |
| 023 189   | Winter set    | see page 30          | 199.00    |



Select the correct size!  
Size chart and  
information on inside  
back page.

### Bomber jacket in detail:



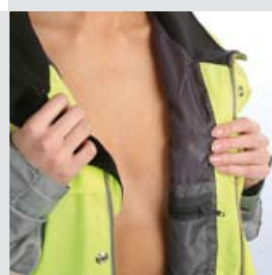
removable sleeves



practical pockets



sleeve pocket



inside pocket

### Bomber jackets

Bomber jacket  
with removable  
sleeves and 16  
practical pockets.  
EN 471, class 2.

### Waistband trousers

Waistband trousers  
with optimal fit, 12  
practical pockets.  
EN 471, class 2.

### Good to know:

Fabric  
acid resistant!

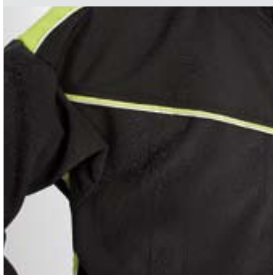
Hi-vis applications  
industry-washable!

Buy in sets  
and save!  
See page 30



| Code no.  | Description        | Size                 | Price EUR |
|-----------|--------------------|----------------------|-----------|
| 204 02T-N | Bomber jacket      | S-XXXXL              | 89.00     |
| 204 01T-N | Waistband trousers | 42-66, 23-29, 90-118 | 49.00     |
| 970 306   | Polo shirt         | S-XXXXL              | 24.90     |
| 930 706   | Safety shoes       | 38-47                | 47.00     |
| 902 26T   | Reflective belt    | 1200, 1400 mm        | 9.50      |
| 023 109   | Trouser set        | see page 30          | 199.00    |

### Softshell jacket in detail:



windproof  
water-repellent



inner pockets



easy to personalise



practical pockets

### Good to know:

Fabric  
acid-resistant

Hi-vis  
washable

Waterproof rating  
10000 mm  
(withstands  
almost 33 feet of  
rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs  
breathability

Emblem service:  
call +49 7304  
96 95 100

### Softshell jacket

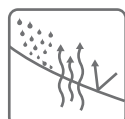
High quality water-repellent, windproof softshell jackets. Extremely good wearing comfort and freedom of movement due to the superior breathable material 290 g/m<sup>2</sup> (5000MVP) material. The outer layer is 10,000 mm waterproof (it can withstand over 32 feet, or 10,000 mm of rainfall in a single day without letting moisture in), hard-wearing and stain-resistant. Comfort-Micro-Fleece inner, two spacious inside pockets and four outer pockets.



### Waistband trousers men

### Waistband trousers women

High quality perfect fit office trousers with hi-vis effect.



| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 970 806  | Softshell jacket         | XS-XXXXL             | 99.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 930 706  | Safety shoes             | 38-47                | 47.00     |





## Rain jacket with waistcoat

All-weather jacket with waterproof and breathable membrane. Optimal protection for every weather. EN 471, class 2.

## Rainwear in detail:



water/wind proof



waistcoat included



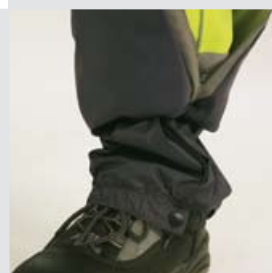
fleece-lined

## Winter/rain trousers

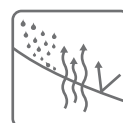
Waterproof bad weather trousers with breathable membrane, incl. thermal quilted lining. EN 471, class 2.



waistcoat included



Water-stop with elastic cuffs.



## Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Waterproof rating 18000 mm (withstands 59 feet of rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs breathability

| Code no.  | Description                 | Size          | Price EUR |
|-----------|-----------------------------|---------------|-----------|
| 204 78T-N | Rain jacket incl. waistcoat | S-XXXXL       | 159.00    |
| 204 07T-N | Winter/rain trousers        | 44-66, 90-118 | 79.00     |
| 970 306   | Polo shirt                  | S-XXXXL       | 24.90     |
| 930 706   | Safety shoes                | 38-47         | 47.00     |
| 902 26T   | Reflective belt             | 1200, 1400 mm | 9.50      |
| 023 129   | Rain set                    | see page 30   | 225.00    |

Trousers  
in detail:

perfect fit



large rear pocket

mobile and  
pad pocket

braces compatible

## Good to know:

Fabric  
acid resistant!Hi-vis applications  
industry-washable!**PRODURA** -  
strengthened  
thigh areaBuy new  
trousers  
now!**Polo shirt**Elastic and robust sports  
fibre, breathable with high  
wearing comfort.**Waistband  
trousers Pro**Extremely robust  
work trousers, thigh  
area reinforced with  
PRODURA fabric.  
Eleven practical  
pockets.

| Code no.  | Description            | Size                 | Price EUR |
|-----------|------------------------|----------------------|-----------|
| 756 26T-N | Waistband trousers Pro | 42-66, 23-29, 90-118 | 49.00     |
| 970 306   | Polo shirt             | S-XXXXL              | 24.90     |
| 902 26T   | Reflective belt        | 1200, 1400 mm        | 9.50      |
| 902 66T   | Reflective braces      |                      | 22.50     |
| 930 706   | Safety shoes           | 38-47                | 47.00     |





Select the correct size!  
Size chart and information on inside back page.

Office wear in detail:



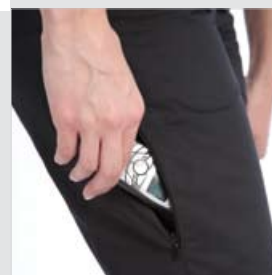
modern design



hi-vis



comfortable pockets



side pockets

## Shirts and blouses

With elastic fibres in shoulder and waist area. Comfortable and elegant.

## Waistband trousers men

## Waistband trousers women

High quality perfect fit office trousers with hi-vis effect.

## Good to know:

Fabric acid-resistant

Hi-vis washable

Comfortable crease-resistant material!



| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 970 146  | Long-sleeved blouse      | XS-XXL               | 34.90     |
| 970 246  | Short-sleeved blouse     | XS-XXL               | 29.90     |
| 970 106  | Long-sleeved shirt       | S-XXXL               | 34.90     |
| 970 206  | Short-sleeved shirt      | S-XXXXL              | 29.90     |



### Bib overalls Concept

Consists of: Trousers 200 01T-N  
+ bib part 449 99T

Save money by buying  
the whole set!  
Set code no. 022 179

Consists of:  
2 x trousers  
1 x bib part  
1 x polo shirt

**Save up to  
8.90 EUR!**



### Comfort-trousers Concept

Consists of: Trousers 200 01T-N  
+ zip-on band for braces 413 29T  
+ braces 902 56T

Save money by buying  
the whole set!  
Set code no. 022 159

Consists of:  
2 x trousers  
1 x zip-on band with braces  
1 x polo shirt

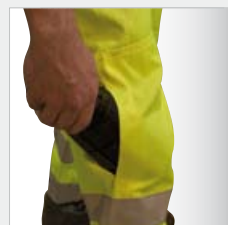


### Waistcoat/trousers unit Concept

Consists of: Trousers 200 01T-N  
+ waistcoat 200 03T-N

Save money by buying  
the whole set!  
Set code no. 022 169

Consists of:  
2 x trousers  
1 x waistcoat  
1 x polo shirt



### Knee pads, pair

Suitable for Concept  
line trousers.



### Trousers ConceptLine system

In combination via zip with braces, bib or  
waistcoat. Waistband trousers can be bought  
separately.



| Code no.  | Description                | Size                 | Colour      | Price EUR |
|-----------|----------------------------|----------------------|-------------|-----------|
| 200 01T-N | Concept waistband trousers | 44-66, 24-29, 90-118 | grey/yellow | 52.00     |
| 200 03T-N | Concept waistcoat          | 44-66, 24-29, 90-118 | grey/yellow | 32.00     |
| 413 29T   | Zip-on band for braces     | 44-66, 24-29, 90-118 | grey/yellow | 20.00     |
| 449 99T   | Concept bib part           | 44-66, 24-29, 90-118 | yellow      | 35.00     |
| 973 159   | Polo shirt                 | S - XXXXL            | light grey  | 13.90     |
| 902 56T   | Braces for zip-on band     |                      |             | 13.00     |
| 901 16T   | Knee pads, pair            |                      | black       |           |



**Waterproof!**

Protection set,  
min. order  
quantity  
10 coveralls.  
Unit price  
23.50 Euros!

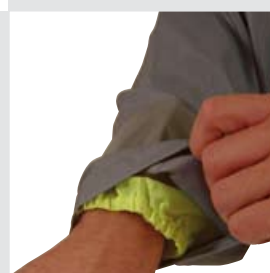
Coveralls  
in detail:



larger sizes also  
available



practical zips  
for easy entry



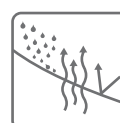
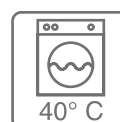
wind stoppers in  
arms and legs

Waterproof rating  
3000 mm

3000 g/m<sup>2</sup> in 24 hrs  
breathability

### Waterproof coveralls

Convenient protec-  
tion for your safety  
work-wear. Just wear  
them over your safety  
clothes. Quick entry  
thanks to 3 big zippers.  
Machine-washable.  
Wind-stops on both  
legs and arms.



| Code no. | Description          | Size                          | Price EUR | from 10 pc. EUR |
|----------|----------------------|-------------------------------|-----------|-----------------|
| 200 37T  | Waterproof coveralls | M - L, XL - XXL, XXXL - XXXXL | 27.50     | 23.50           |

### Trousers in detail:



notice block/mobile phone pocket



braces compatible



large seat pocket



perfect fit

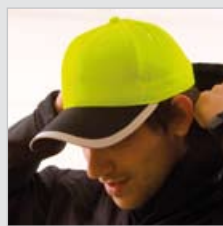
Select the correct size!  
Size chart and information on inside back page.

### Polo shirt

Elastic and robust sports fibre, breathable with high wearing comfort.

### Waistband trousers

Waistband trousers with optimal fit, 12 practical pockets. EN 471, class 2.



### Reflective cap

For additional safety, water-repelling nylon, with velcro-fastener for size adjustment.

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



| Code no. | Description        | Size                 | Price EUR |
|----------|--------------------|----------------------|-----------|
| 754 29T  | Waistband trousers | 42-66, 23-29, 90-118 | 49.00     |
| 970 346  | Polo shirt         | S-XXXXL              | 24.90     |
| 902 26T  | Reflective belt    | 1200, 1400 mm        | 9.50      |
| 902 66T  | Reflective braces  |                      | 22.50     |
| 964 689  | Reflective cap     |                      | 5.90      |
| 023 509  | Trouser set        | see page 30          | 199.00    |





Buy new trousers now!

### Overalls

Optimal protection in every situation, 13 practical pockets. EN 471, class 3.

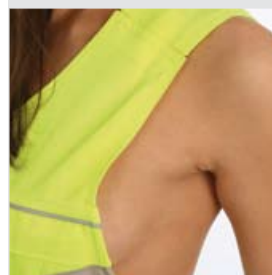
#### Overalls in detail:



practical pockets



tool pocket



comfortable straps



rear view

#### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save! See page 30



| Code no. | Description  | Size                 | Price EUR |
|----------|--------------|----------------------|-----------|
| 744 29T  | Overall      | 44-66, 24-29, 90-118 | 69.00     |
| 970 346  | Polo shirt   | S-XXXXL              | 24.90     |
| 930 606  | Safety shoes | 38-47                | 47.00     |
| 023 519  | Overall set  | see page 30          | 175.00    |

### Winter jacket in detail:



removable hood



warm lining



comfortable pockets



removable sleeves

### Good to know:

Fabric  
acid resistant!

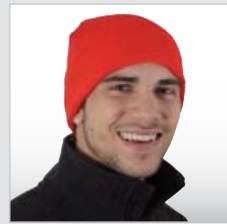
Hi-vis applications  
industry-washable!

Buy in sets  
and save!  
See page 30



### Winter cap

With fleeced  
earmuffs.



### Watch cap

The cap made popular by  
navy watchmen that wear  
them while on duty.



Replace  
old jackets  
now!

### Winter jackets

With removable sleeves  
and hood. Fully zippable  
collar. EN 471, class 2.



| Code no. | Description   | Size                 | Price EUR |
|----------|---------------|----------------------|-----------|
| 664 29T  | Winter jacket | S-XXXXL              | 119.00    |
| 744 29T  | Overall       | 44-66, 24-29, 90-118 | 69.00     |
| 200 13T  | Winter cap    | M-XXL                | 15.00     |
| 640 29T  | Watch cap     |                      | 9.90      |
| 023 589  | Winter set    | see page 30          | 199.00    |





Emblem service:  
call +49 7304  
96 95 100

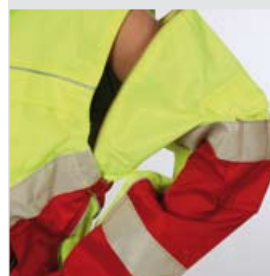
## Bomber jackets

Bomber jacket with removable sleeves and 16 practical pockets. EN 471, class 2.

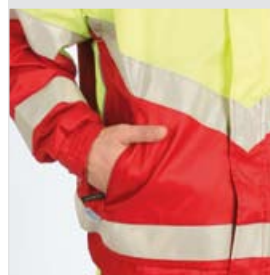
## Waistband trousers

Waistband trousers with optimal fit, 12 practical pockets. EN 471, class 2.

### Bomber jacket in detail:



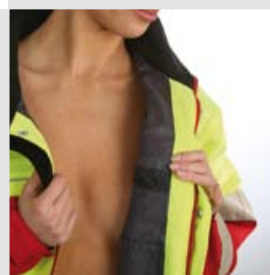
removable sleeves



practical pockets



sleeve pocket



inside pocket

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



| Code no.  | Description        | Size                 | Price EUR |
|-----------|--------------------|----------------------|-----------|
| 734 29T-N | Bomber jacket      | S-XXXXL              | 89.00     |
| 754 29T   | Waistband trousers | 42-66, 23-29, 90-118 | 49.00     |
| 970 346   | Polo shirt         | S-XXXXL              | 24.90     |
| 930 606   | Safety shoes       | 38-47                | 47.00     |
| 902 26T   | Reflective belt    | 1200, 1400 mm        | 9.50      |
| 023 509   | Trouser set        | see page 30          | 199.00    |

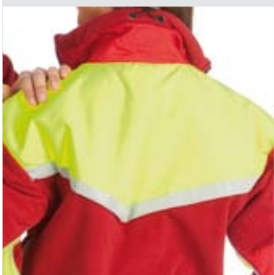
Softshell jacket  
in detail:



windproof  
water-repellent



inner pockets



easy to personalise



practical pockets

**Softshell jacket**

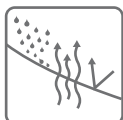
High quality water-repellent, windproof softshell jackets. Extremely good wearing comfort and freedom of movement due to the superior breathable material 290 g/m<sup>2</sup> (5000MVP) material. The outer layer is 10,000 mm waterproof (it can withstand over 32 feet, or 10,000 mm of rainfall in a single day without letting moisture in), hard-wearing and stain-resistant. Comfort-Micro-Fleece inner, two spacious inside pockets and four outer pockets.



**Waistband trousers men**

**Waistband trousers women**

High quality perfect fit office trousers with hi-vis effect.



**Good to know:**  
Fabric  
acid-resistant

Hi-vis  
washable

Waterproof rating  
10000 mm  
(withstands  
almost 33 feet of  
rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs  
breathability

| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 970 846  | Softshell jacket         | XS-XXXXL             | 99.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 930 706  | Safety shoes             | 38-47                | 47.00     |







Order your  
membrane  
raincoat!

### Rain jacket with waist- coat

All-weather jacket with waterproof and breathable membrane. Optimal protection for every weather. EN 471, class 2.

### Winter/ rain trousers

Waterproof bad weather trousers with breathable membrane, incl. thermal quilted lining. EN 471, class 2.



waistcoat  
included

### Rainwear in detail:



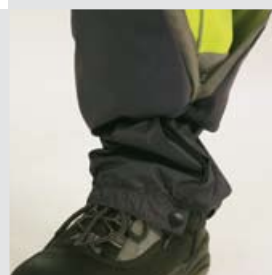
water/wind proof



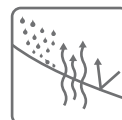
waistcoat included



fleece-lined



Water-stop with  
elastic cuffs.



### Good to know:

Fabric  
acid resistant!

Hi-vis applications  
industry-washable!

Waterproof rating  
18000 mm  
(withstands 59 feet  
of rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs  
breathability

| Code no.  | Description                 | Size          | Price EUR |
|-----------|-----------------------------|---------------|-----------|
| 637 29T-N | Rain jacket incl. waistcoat | S-XXXL        | 159.00    |
| 654 29T   | Winter/rain trousers        | 44-66, 90-118 | 79.00     |
| 902 26T   | Reflective belt             | 1200, 1400 mm | 9.50      |
| 970 346   | Polo shirt                  | S-XXXXL       | 24.90     |
| 023 529   | Rain set                    | see page 30   | 225.00    |

Trousers  
in detail:

perfect fit



large rear pocket

mobile and  
pad pocket

braces compatible

## Good to know:

Fabric  
acid resistant!Hi-vis applications  
industry-washable!**PRODURA** -  
strengthened  
thigh areaBuy new  
trousers  
now!**Polo shirt**Elastic and robust  
sports fibre,  
breathable with  
high wearing  
comfort.**Waistband  
trousers Pro**Extremely robust  
work trousers, thigh  
area reinforced with  
PRODURA fabric.  
Eleven practical  
pockets.

| Code no.  | Description            | Size                 | Price EUR |
|-----------|------------------------|----------------------|-----------|
| 756 26T-N | Waistband trousers Pro | 42-66, 23-29, 90-118 | 49.00     |
| 970 346   | Polo shirt             | S-XXXXL              | 24.90     |
| 902 26T   | Reflective belt        | 1200, 1400 mm        | 9.50      |
| 902 66T   | Reflective braces      |                      | 22.50     |
| 930 606   | Safety shoes           | 38-47                | 47.00     |





Select the correct size!  
Size chart and information on inside back page.

### Shirts and blouses

With elastic fibres in shoulder and waist area. Comfortable and elegant.

### Waistband trousers men

### Waistband trousers women

High quality perfect fit office trousers with hi-vis effect.

### Office wear in detail:



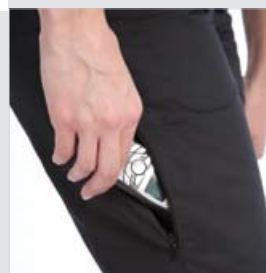
modern design



hi-vis



comfortable pockets



side pockets

### Good to know:

Fabric acid-resistant

Hi-vis washable

Comfortable crease-resistant material!

| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 970 166  | Long-sleeved blouse      | S-XXL                | 34.90     |
| 970 266  | Short-sleeved blouse     | S-XXL                | 29.90     |
| 970 126  | Long-sleeved shirt       | S-XXXL               | 34.90     |
| 970 226  | Short-sleeved shirt      | S-XXL                | 29.90     |



### Overalls in detail:



practical pockets



tool pocket



comfortable straps



rear view

### Good to know:

Fabric  
acid resistant!

Hi-vis applications  
industry-washable!

Buy in sets  
and save!  
See page 30

Select the correct  
size!  
Size chart and  
information on inside  
back page.

### Overalls

Optimal protection  
in every situation,  
13 practical pockets.  
EN 471, class 3.



### Polo shirt

Elastic and robust sports  
fibre, breathable with  
high wearing comfort.



| Code no. | Description  | Size                 | Price EUR |
|----------|--------------|----------------------|-----------|
| 744 23T  | Overall      | 44-66, 24-29, 90-118 | 73.00     |
| 970 326  | Polo shirt   | S-XXXXL              | 24.90     |
| 973 679  | Sweatshirt   | S-XXL                | 17.95     |
| 930 606  | Safety shoes | 38-47                | 47.00     |
| 023 719  | Overall set  | see page 30          | 175.00    |





Buy new  
trousers  
now!

### Polo shirt

Premium polo shirt, comfortable cut offers high wearing comfort, robust and easy to clean.

### Waistband trousers

Waistband trousers with optimal fit, 12 practical pockets. EN 471, class 2.

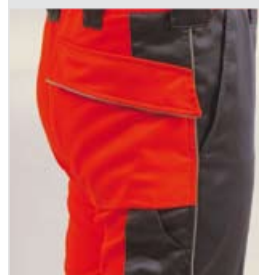
### Trousers in detail:



notice block/mobile phone pocket



braces compatible



large seat pocket



perfect fit

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



| Code no. | Description        | Size                 | Price EUR |
|----------|--------------------|----------------------|-----------|
| 754 23T  | Waistband trousers | 42-66, 23-29, 90-118 | 52.00     |
| 973 179  | Polo shirt         | S-XXL                | 13.90     |
| 902 26T  | Reflective belt    | 1200, 1400 mm        | 9.50      |
| 902 66T  | Reflective braces  |                      | 22.50     |
| 930 606  | Safety shoes       | 38-47                | 47.00     |
| 023 709  | Trouser set        | see page 30          | 199.00    |

### Winter jacket in detail:



removable hood



warm lining



comfortable pockets



removable sleeves

### Good to know:

Fabric  
acid resistant!

Hi-vis applications  
industry-washable!

Buy in sets  
and save!  
See page 30



### Winter jackets

With removable sleeves  
and hood. Fully zippable  
collar. EN 471, class 3  
(without sleeves EN 471  
class 2).



### Winter cap

With fleece-fed  
earmuffs.



### Watch cap

The cap made popular  
by navy watchmen  
that wear them while  
on duty.



| Code no. | Description   | Size        | Price EUR |
|----------|---------------|-------------|-----------|
| 664 23T  | Winter jacket | S-XXXXL     | 126.00    |
| 640 02T  | Winter cap    | M-XXL       | 15.00     |
| 973 679  | Sweatshirt    | S-XXL       | 17.95     |
| 640 13T  | Watch cap     |             | 9.90      |
| 930 606  | Safety shoes  | 38-47       | 47.00     |
| 023 789  | Winter set    | see page 30 | 199.00    |





## Bomber jackets

Bomber jacket with removable sleeves and sixteen practical pockets. EN 471, class 3 (class 2 if worn sleeveless).

### Bomber jacket in detail:

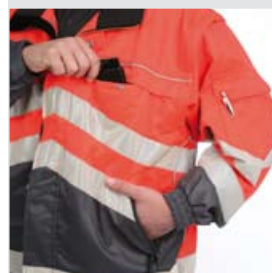


removable sleeves



## Polo shirt

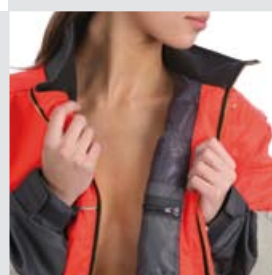
Elastic and robust sports fibre, breathable with high wearing comfort.



practical pockets



sleeve pocket



inside pocket

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

Buy in sets and save!  
See page 30



| Code no. | Description       | Size          | Price EUR |
|----------|-------------------|---------------|-----------|
| 734 23T  | Bomber jacket     | S-XXXXL       | 94.00     |
| 970 326  | Polo shirt        | S-XXXXL       | 24.90     |
| 902 26T  | Reflective belt   | 1200, 1400 mm | 9.50      |
| 902 66T  | Reflective braces |               | 22.50     |
| 023 709  | Trouser set       | see page 30   | 199.00    |

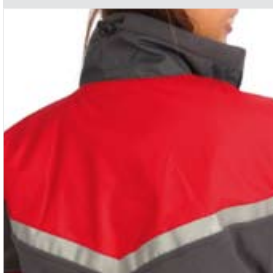
### Softshell jacket in detail:



windproof  
water-repellent



inner pockets



easy to personalise



practical pockets

**Good to know:**  
Fabric  
acid-resistant

Hi-vis  
washable

Waterproof rating  
10000 mm  
(withstands  
almost 33 feet of  
rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs  
breathability

### Softshell jacket

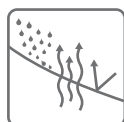
High quality water-repellent, windproof softshell jackets. Extremely good wearing comfort and freedom of movement due to the superior breathable material 290 g/m<sup>2</sup> (5000MVP) material. The outer layer is 10,000 mm waterproof (it can withstand over 32 feet, or 10,000 mm of rainfall in a single day without letting moisture in), hard-wearing and stain-resistant. Comfort-Micro-Fleece inner, two spacious inside pockets and four outer pockets.



### Waistband trousers men

### Waistband trousers women

High quality perfect fit office trousers with hi-vis effect.



| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 970 826  | Softshell jacket         | XS-XXXXL             | 99.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 930 706  | Safety shoes             | 38-47                | 47.00     |



Order your  
membrane  
raincoat!



### Rain jacket with waistcoat

All-weather jacket with waterproof and breathable membrane. Optimal protection for every weather. EN 471, class 3 (waistcoat only: EN 471 class 2).

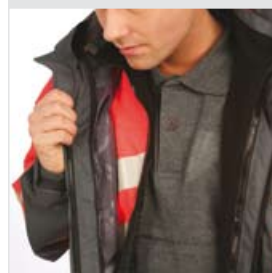
### Winter/rain trousers

Waterproof bad weather trousers with breathable membrane, incl. thermal quilted lining. EN 471, class 2.

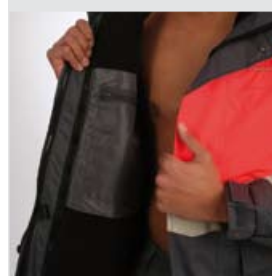
#### Rainwear in detail:



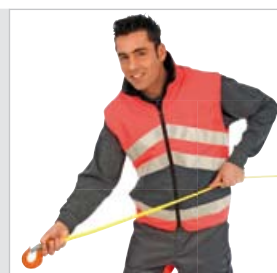
water/wind proof



waistcoat included



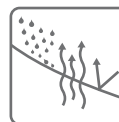
fleece-lined



waistcoat included



Water-stop with  
elastic cuffs.



#### Good to know:

Fabric  
acid resistant!

Hi-vis applications  
industry-washable!

Waterproof rating  
18000 mm  
(withstands 59 feet  
of rain in 24 hrs.)

5000 g/m<sup>2</sup> in 24 hrs  
breathability

| Code no. | Description                 | Size          | Price EUR |
|----------|-----------------------------|---------------|-----------|
| 637 23T  | Rain jacket incl. waistcoat | S-XXXXL       | 169.00    |
| 654 23T  | Winter/rain trousers        | 44-66, 90-118 | 79.00     |
| 930 606  | Safety shoes                | 38-47         | 47.00     |
| 023 729  | Raincoat set                | see page 30   | 225.00    |

### Trousers in detail:



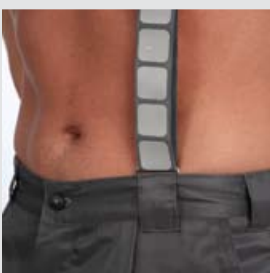
perfect fit



large rear pocket



mobile and pad pocket



braces compatible

### Good to know:

Fabric acid resistant!

Hi-vis applications industry-washable!

**PRODURA** - strengthened thigh area

Buy new trousers now!

### Polo shirt

Elastic and robust sports fibre, breathable with high wearing comfort.

### Waistband trousers Pro

Extremely robust work trousers, thigh area reinforced with PRODURA fabric. Eleven practical pockets.



| Code no.  | Description            | Size                 | Price EUR |
|-----------|------------------------|----------------------|-----------|
| 756 26T-N | Waistband trousers Pro | 42-66, 23-29, 90-118 | 49.00     |
| 970 326   | Polo shirt             | S-XXXXL              | 24.90     |
| 902 26T   | Reflective belt        | 1200, 1400 mm        | 9.50      |
| 902 66T   | Reflective braces      |                      | 22.50     |
| 930 606   | Safety shoes           | 38-47                | 47.00     |





Select the correct size!  
Size chart and information on inside back page.

### Shirts and blouses

With elastic fibres in shoulder and waist area. Comfortable and elegant.

### Waistband trousers men

### Waistband trousers women

High quality perfect fit office trousers with hi-vis effect.

### Office wear in detail:



modern design



hi-vis



comfortable pockets



side pockets

### Good to know:

Fabric acid-resistant

Hi-vis washable

Comfortable crease-resistant material!

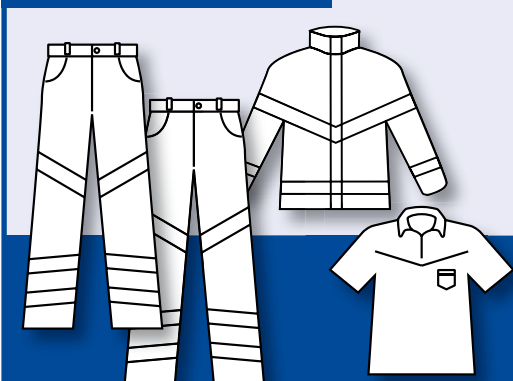
| Code no. | Description              | Size                 | Price EUR |
|----------|--------------------------|----------------------|-----------|
| 756 66T  | Waistband trousers women | 36-44                | 49.00     |
| 756 46T  | Waistband trousers men   | 42-66, 23-29, 90-118 | 49.00     |
| 902 26T  | Reflective belt          | 1200, 1400 mm        | 9.50      |
| 970 126  | Long-sleeved shirt       | S-XXXL               | 34.90     |
| 970 226  | Short-sleeved shirt      | S-XXL                | 29.90     |
| 970 166  | Long-sleeved blouse      | S-XXL                | 34.90     |
| 970 266  | Short-sleeved blouse     | S-XXL                | 29.90     |



# Save money here!

## Discounts on clothing sets

### TROUSER SET



code no. 023 109



code no. 023 509



code no. 023 709

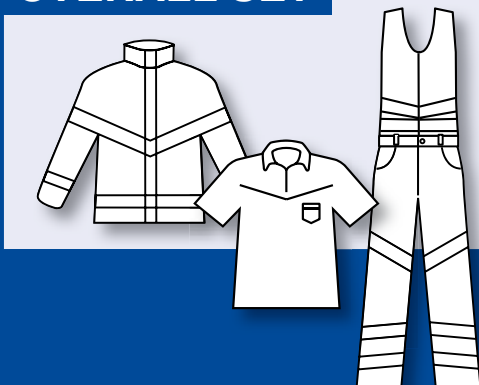
2 x trousers  
1 x bomber  
jacket  
1 x polo shirt



Set price: EUR 199.00

save EUR 12.90

### OVERALL SET



code no. 023 119



code no. 023 519



code no. 023 719

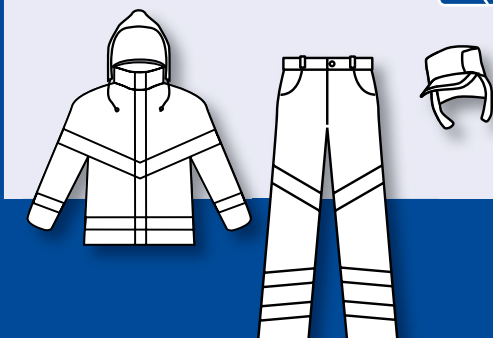
1 x overall  
1 x bomber  
jacket  
1 x polo shirt



set price: EUR 175.00

save EUR 7.90

### WINTER SET



code no. 023 189



code no. 023 589



code no. 023 789

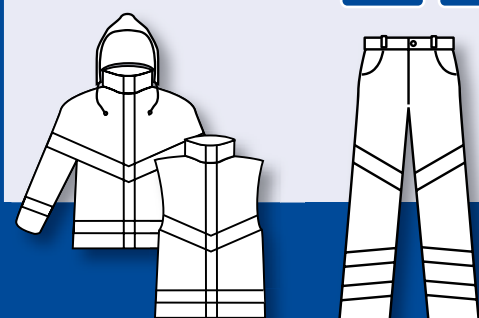
1 x winter/rain  
trousers  
1 x winter jacket  
1 x winter cap



set price: EUR 199.00

save EUR 14.00

### RAIN SET



code no. 023 129



code no. 023 529



code no. 023 729

1 x winter/rain  
trousers  
1 x rain jacket  
incl. waistcoat



set price: EUR 225.00

save EUR 13.00

Note the code no. next to your desired colour combination and order!



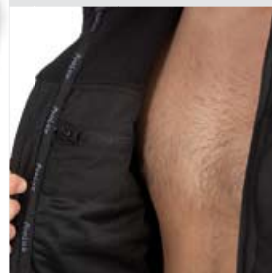
Softshell  
for every-  
one!



Softshell jacket  
in detail:



water-repellent/  
windproof material



inside pocket



easy to personalise



practical pockets

**Good to know:**

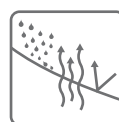
Fabric  
acid-resistant!

elastic

resilient

**Waterproof rating**  
10000 mm  
(withstands  
almost 33 feet of  
rain in 24 hrs.)

**5000 g/m<sup>2</sup> in 24 hrs**  
breathability



### Soft shell jacket "comfort"

High-quality, elastic soft-shell jacket, water-repellent and windproof. The breathable (5000MVP) 290g/m<sup>2</sup> fabric provides ideal elbowroom and wearing comfort. The outer material is waterproof (10,000 mm water head), hard-wearing and dirt-repellent. The interior is made of comfort micro fleece. Two commodious inside and four outside pockets.

| Code no. | Description                  | Size    | Price EUR |
|----------|------------------------------|---------|-----------|
| 738 27T  | Mens soft shell jackets      | S-XXXXL | 69.00     |
| 738 37T  | Ladies soft shell jackets    | S-XL    | 69.00     |
| 738 47T  | Childrens soft shell jackets | 98-164  | 59.00     |



758 26T-N



201 02T-N

### Reflective bermudas

Ideal for warm days. With spacious outside pocket and 2 side pockets.

320 075



320 045

| Code no.  | Description        | Size  | Colour          | Price EUR |
|-----------|--------------------|-------|-----------------|-----------|
| 201 02T-N | Bermudas           | 44-66 | luminous yellow | 39.90     |
| 758 26T-N | Bermudas           | 44-66 | luminous red    | 39.90     |
| 320 045   | Safety vest EN 471 |       | Orange          | 2.50      |
| 320 075   | Safety vest EN 471 |       | Yellow          | 2.50      |

### Safety vests

Safety vest for your personal protection. EN471, class 2. Compulsory in many countries.

### Mini Look

Mini Look clothes in original safety design just like the grown-ups! Available in all children's sizes. After all the kids want to be a part of it!



746 26K

743 29T

746 29K



320 135



964 829

## FUN-SET

1 x Fun-kids t-shirt  
1 x thermo-transfer emblem



021 690



021 790



021 890

EUR 14,40

**Set price 9.90 Euros**

| Code no. | Description         | Size    | Colour     | Price EUR |
|----------|---------------------|---------|------------|-----------|
| 743 26T  | Mini Look jacket    | 98-164  | grey/red   | 55.00     |
| 743 29T  | Mini Look jacket    | 98-164  | red/yellow | 55.00     |
| 746 29K  | Mini Look overalls  | 98-164  | red/yellow | 49.00     |
| 746 26K  | Mini Look overalls  | 98-164  | grey/red   | 49.00     |
| 963 819  | Fun Kids T-Shirt    | 134/140 | White      | 4.90      |
| 963 829  | Fun Kids T-Shirt    | 146/152 | White      | 4.90      |
| 964 829  | Kids cap reflective |         | Yellow     | 5.40      |
| 320 135  | Work gloves         | 8       |            | 2.49      |





970 326



970 346

Select the correct size!  
Size chart and information on inside back page.

### Polo shirt

Elastic and robust sports fibre, breathable with high wearing comfort.



970 306

| Code no. | Description | Size    | Colour            | Price EUR |
|----------|-------------|---------|-------------------|-----------|
| 970 306  | Polo shirt  | S-XXXXL | black/yellow      | 24.90     |
| 970 326  | Polo shirt  | S-XXXXL | grey/luminous red | 24.90     |
| 970 346  | Polo shirt  | S-XXXXL | red/yellow        | 24.90     |

T-shirts  
from 3.50  
Euros



### T-shirts

Excellent quality, fantastic price. Won't lose its shape due to the first class treatment. 100% cotton, 150 gr/m<sup>2</sup>.

Polo shirts  
from 6.50  
Euros



### Polo shirts

High quality polo shirt, easy to clean and hard-wearing. The tailored form ensures a comfortable fit. 100% cotton, 180 gr/m<sup>2</sup>.

| Code no. | Description | Size    | Colour             | Price EUR | from 25 pc. EUR | from 50 pc. EUR |
|----------|-------------|---------|--------------------|-----------|-----------------|-----------------|
| 975 129  | Polo shirt  | S-XXXL  | Red                | 9.50      | 7.95            | 6.50            |
| 975 139  | Polo shirt  | S-XXXXL | Royal blue         | 9.50      | 7.95            | 6.50            |
| 975 149  | Polo shirt  | S-XXXXL | Marine             | 9.50      | 7.95            | 6.50            |
| 975 159  | Polo shirt  | S-XXXL  | Light mottled grey | 9.50      | 7.95            | 6.50            |
| 975 169  | Polo shirt  | S-XXXXL | Mottled grey       | 9.50      | 7.95            | 6.50            |
| 975 179  | Polo shirt  | S-XXXL  | Anthracite         | 9.50      | 7.95            | 6.50            |
| 975 189  | Polo shirt  | S-XXXXL | Black              | 9.50      | 7.95            | 6.50            |

| Code no. | Description | Size   | Colour     | Price EUR | from 25 pc. EUR | from 50 pc. EUR |
|----------|-------------|--------|------------|-----------|-----------------|-----------------|
| 975 029  | T-shirt     | S-XXXL | Red        | 4.90      | 4.20            | 3.50            |
| 975 039  | T-shirt     | S-XXXL | Royal blue | 4.90      | 4.20            | 3.50            |
| 975 049  | T-shirt     | S-XXXL | Marine     | 4.90      | 4.20            | 3.50            |
| 975 069  | T-shirt     | S-XXXL | Dark grey  | 4.90      | 4.20            | 3.50            |
| 975 079  | T-shirt     | S-XXL  | Anthracite | 4.90      | 4.20            | 3.50            |
| 975 089  | T-shirt     | S-XXXL | Black      | 4.90      | 4.20            | 3.50            |



Polo sweatshirt



Sweatshirt

**Polo sweatshirts**

Warm polo sweatshirt made of premium cotton, kind to the skin.

**Sweatshirts**

Pleasant wearing sensation due to fleeced inner, robust and easy to clean.

Use our  
emblem  
service!



| Code no. | Description     | Size   | Colour     | Price EUR |
|----------|-----------------|--------|------------|-----------|
| 973 749  | Polo sweatshirt | S-XXXL | Navy       | 22.90     |
| 973 759  | Polo sweatshirt | S-XXXL | Light grey | 22.90     |
| 973 769  | Polo sweatshirt | S-XXXL | Dark grey  | 22.90     |
| 973 779  | Polo sweatshirt | S-XXXL | Anthracite | 22.90     |
| 973 789  | Polo sweatshirt | S-XXXL | Black      | 22.90     |

| Code no. | Description | Size   | Colour     | Price EUR |
|----------|-------------|--------|------------|-----------|
| 973 649  | Sweatshirt  | S-XXXL | Navy       | 17.95     |
| 973 659  | Sweatshirt  | S-XXXL | Light grey | 17.95     |
| 973 669  | Sweatshirt  | S-XXXL | Dark grey  | 17.95     |
| 973 679  | Sweatshirt  | S-XXL  | Anthracite | 17.95     |
| 973 689  | Sweatshirt  | S-XXXL | Black      | 17.95     |





Emblem service:  
call +49 7304  
96 95 100

Polo shirt



T-shirt



### T-Shirts

Approved premium quality,  
retains its shape.

### Polo shirts

Premium polo shirt, comfortable  
cut offers high wearing comfort,  
robust and easy to clean.



| Code no. | Description | Size      | Colour     | Price EUR |
|----------|-------------|-----------|------------|-----------|
| 973 149  | Polo shirt  | S-XXL     | Navy       | 13.90     |
| 973 159  | Polo shirt  | S - XXXXL | light grey | 13.90     |
| 973 169  | Polo shirt  | S-XXL     | Dark grey  | 13.90     |
| 973 179  | Polo shirt  | S-XXL     | Anthracite | 13.90     |
| 973 189  | Polo shirt  | S-XXL     | Black      | 13.90     |

| Code no. | Description | Size   | Colour     | Price EUR |
|----------|-------------|--------|------------|-----------|
| 973 049  | T-Shirt     | S-XXXL | Navy       | 7.90      |
| 973 059  | T-Shirt     | S-XXXL | Light grey | 7.90      |
| 973 069  | T-Shirt     | S-XXXL | Dark grey  | 7.90      |
| 973 079  | T-Shirt     | S-XXL  | Anthracite | 7.90      |
| 973 089  | T-Shirt     | S-XXXL | Black      | 7.90      |

Use our  
emblem  
service!





## Textile finishing



**direct embroidery**  
classy and of lasting value



**sew-on patch**  
flexible and robust



**thermo-transfer emblems**  
appropriate quality



**Design embroidery**  
New high-value embroideries for breast area (approx. 100 mm wide) and back area (approx. 250-300 mm wide). Outstanding design and super quality.



| Code no. | Motif | Price EUR |
|----------|-------|-----------|
| 200 865  | Atego | 12.50     |
| 200 765  | Atego | 29.50     |

**Your workwear - your calling card**  
Make your workwear the calling card of your company. We can apply your company logo as hi-vis or embroidered emblem to your clothing.

**Thermo-transfer emblem hi-vis**  
safe and reliable day or night



**Use our emblem service!**

**telephone helpline**  
00800 9955 9955  
**Send logo to:**  
[info@towing.de](mailto:info@towing.de)



| Code no. | Motif        | Price EUR |
|----------|--------------|-----------|
| 201 345  | Actros crane | 12.50     |
| 201 365  | Actros crane | 29.50     |



| Code no. | Motif          | Price EUR |
|----------|----------------|-----------|
| 201 385  | Actros flatbed | 12.50     |
| 201 405  | Actros flatbed | 29.50     |



| Code no. | Motif | Price EUR |
|----------|-------|-----------|
| 201 425  | MAN   | 12.50     |
| 201 445  | MAN   | 29.50     |





### Bump protection cap

Protect your head and look good at the same time! This trendy baseball cap combines wearing comfort and bump protection due to the sturdy compressed closed cell foam pad. Available in classy black or bright yellow with hi-vis striping. Adjustable in size to fit everyone, conforms to EN 812.

| Code no. | Description         | Colour                             | Price EUR |
|----------|---------------------|------------------------------------|-----------|
| 967 689  | Bump protection cap | Black                              | 16.50     |
| 967 609  | Bump protection cap | bright yellow with hi-vis striping | 17.90     |

### LED baseball cap

Modern baseball cap with integrated high-performance LEDs. Five bright white LEDs in the peak and two separately switchable red LEDs on the back, enable a hands-free working environment with additional safety. One size fits all, 2 spare batteries included.



| Code no. | Description | Colour | Price EUR |
|----------|-------------|--------|-----------|
| 967 989  | LED cap     | Black  | 13.50     |

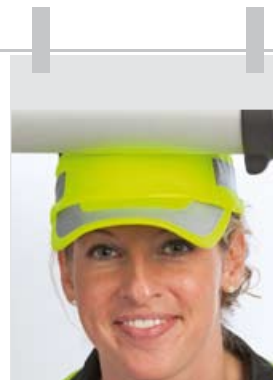


### USEFUL

### "Pack Zu" stain remover

Ideal for treating stains on your work clothes. Work "Pack Zu" into the stain and wait a few minutes before washing. Also removes persistent stains.

| Code no. | Description             | Contents | Price EUR |
|----------|-------------------------|----------|-----------|
| 090 99T  | "Pack Zu" stain remover | 750 g    | 7.20      |



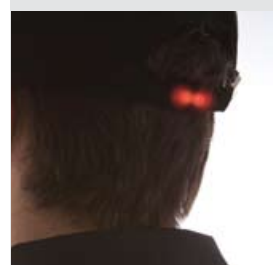
bump protection



robust shell



both hands free



bright warning light



TOP SELLER



### Mechanic gloves

Practical, versatile all-round work gloves with padded, breathable and reinforced upper side. High wearing comfort. Palm side with modern imitation leather material enabling fine work with small parts to be carried out with ease. Stable velcro-fastening serves as wrist support. These gloves are washable, retain their suppleness and shape. Available in two sizes!

| Code no.   | Description     | Size | Colour | Price/pair EUR | from 12 pairs EUR |
|------------|-----------------|------|--------|----------------|-------------------|
| 319 715    | Mechanic gloves | L    | red    | 8.90           | 6.90              |
| 319 715/XL | Mechanic gloves | XL   | red    | 8.90           | 6.90              |
| 319 725    | Mechanic gloves | L    | blue   | 8.90           | 6.90              |
| 319 725/XL | Mechanic gloves | XL   | blue   | 8.90           | 6.90              |



### Winter work gloves, lined

Robust cold weather gloves with lined upper side and padded underside. These gloves are washable, remain supple, retain their shape and are comfortable to wear.

NEW



| Code no.   | Description               | Size | Colour     | Price/pair EUR | from 12 pairs EUR |
|------------|---------------------------|------|------------|----------------|-------------------|
| 319 765/L  | Winter work gloves, lined | L    | black/grey | 12.50          | 9.90              |
| 319 765/XL | Winter work gloves, lined | XL   | black/grey | 12.50          | 9.90              |



### Reflective work gloves, Nappa leather

Soft Nappa leather, extremely comfortable, and also safe due to neon orange and yellow applications. Elasticated, and with complete leather index finger. One size fits all.

| Code no. | Description            | Material      | Price/pair EUR | from 12 pairs EUR |
|----------|------------------------|---------------|----------------|-------------------|
| 319 515  | Reflective work gloves | Nappa leather | 4.99           | 4.69              |



### Work gloves Reflective Pro

Our best - premium and super-robust work glove made of smooth leather with orange or yellow luminous cloth on back of hand and additional reflective stripes. On palm with additional fleece lining. For improved safety while working by night. One size fits all.

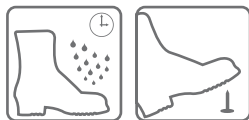


| Code no. | Description            | Price/pair EUR | from 12 pairs EUR |
|----------|------------------------|----------------|-------------------|
| 319 505  | Reflective work gloves | 4.29           | 3.99              |



## Safety shoes

The BAAK safety shoe collection excels due to quality workmanship and the use of exclusive materials. The shoes are built according to the standards applying to the area of use. S1, S2 and S3 design available. The S3 shoe remains watertight for longer and has a puncture-resistant sole. All shoes have padded heel and ankle areas and non-slip, non-marking anti-static soles.



### S3 SHOES

## Safety shoes / boots

Safety shoe conforming to EN ISO 20345:2007, S3. Made with high quality fully-grained nubuck leather, with hi-vis applications. Stress-free wearing due to lightness and comfortable fit; an ideal working shoe for outdoors.

## Warmly lined winter boots

Warmly lined lace-up winter boots especially for the cold season. They always grant optimal protection against cold and wet and provide good ankle support. Complies to EN ISO 20345:2004, S3.



930 906

## Safety shoes EN ISO 20345

| Characteristics          | S1 | S3 |
|--------------------------|----|----|
| enclosed heel area       | X  | X  |
| fuel-resistant soles     | X  | X  |
| anti-static properties   | X  | X  |
| energy absorbing heels   | X  | X  |
| water passage/absorption |    | X  |
| sole puncture resistance |    | X  |



930 216



930 156

## Safety shoes

Excellent wearing attributes thanks to cushioned heel and upper. Optimal protection for ankle joint. Complies to EN 345-1, S3. A real all-rounder.



930 806

| Code no. | Description         | Size  | Weight          | Price EUR |
|----------|---------------------|-------|-----------------|-----------|
| 930 156  | Safety shoe         | 38-47 | 620 g (size 42) | 63.00     |
| 930 216  | Safety boots        | 38-47 | 660 g (size 42) | 68.00     |
| 930 906  | Safety winter boots | 36-48 | 690 g (size 42) | 49.90     |
| 930 806  | Lace-up boots Sport | 38-47 | 680 g (size 42) | 59.00     |



930 356

### S1 SHOES



930 606



930 706

## Safety sandals

Safety sandals complying to EN ISO20345:2007, S1 with Velcro fastener and reflective applications. Made of premium leather, and ideal for the warmer months!

### NEW

## Safety shoes "Sport"

This sporty safety shoe complying to EN 345-1, S1 offers outstanding wearing attributes thanks to its cushioned heel and upper. The insole with damping in heel and ball area grants best wearing comfort. Sole is resistant to oil and fuel. Ideal for use in warehouse and workshop.

| Code no. | Description    | Size  | Colour      | Weight          | Price EUR |
|----------|----------------|-------|-------------|-----------------|-----------|
| 930 356  | Safety sandals | 37-48 | black       | 570 g (size 42) | 39.00     |
| 930 606  | Safety shoes   | 38-47 | Grey/Red    | 590 g (size 42) | 47.00     |
| 930 706  | Safety shoes   | 38-47 | Blue/Yellow | 610 g (size 42) | 47.00     |

## Telescopic mast STAR

Floodlight mast type STAR, Ø 66 mm, with pneumatic hand-pump mounted on the mast, completely anodised. Lockable in all 4 sections. With fixed tripod and automatic locking of the legs. Legs adjustable up to 15°. Two manually adjustable 500 W halogen floodlights (230 V) completely installed on a mounting bracket. Bulbs included.

Retracted height: 1.45 m

Extended height: 4.50 m

| Code no. | Description          | Height       | EUR/set  |
|----------|----------------------|--------------|----------|
| 136 506  | Floodlight mast STAR | 1.45 - 4.5 m | 1,499.00 |

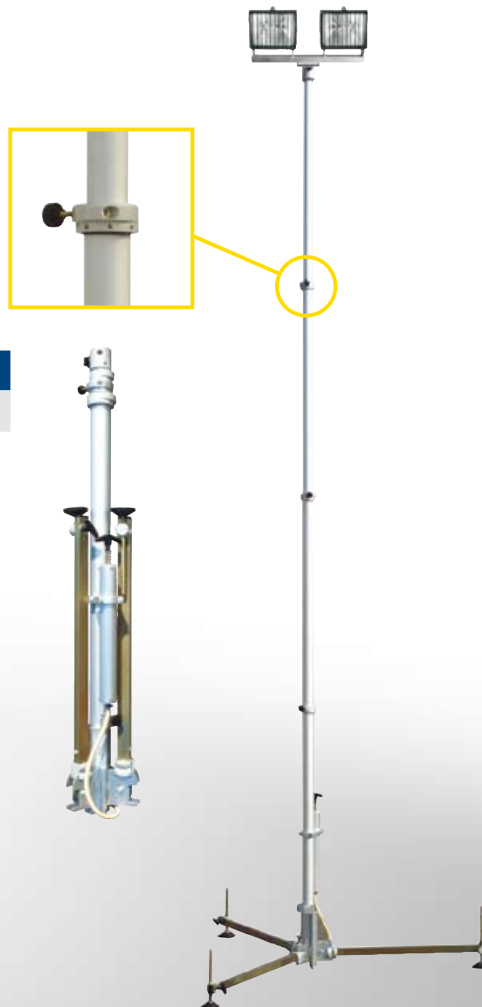


incl. side fixing bracket

incl. handpump



incl. floor mounting bracket



## Telescopic mast ENTRY

Complete kit with hand pump, 2 mounting brackets, 2 floodlights (200W/12 volt, 600W/24 volt) incl. bulbs and holder. The mast has three anodised sections, individually lockable with inlaid cable 4 x 1.5 mm².

Ø 66 mm, telescopically extendable from 1.3 - 3 m.



Roof plate  
Van body accessory  
(optional)

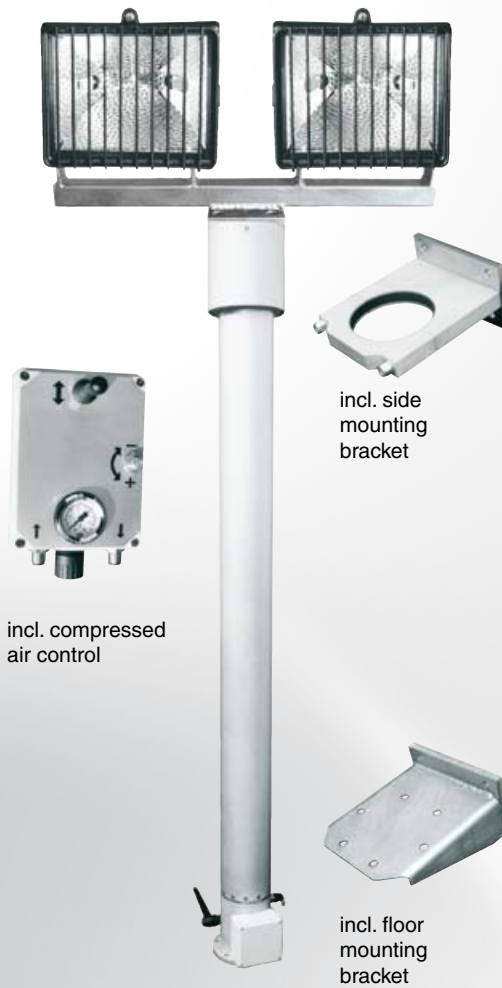
| Code no. | Description                               | Height    | Voltage | EUR    |
|----------|---|-----------|---------|--------|
| 136 606  | Telescopic mast ENTRY, complete kit       | 1.3 - 3 m | 12 V    | 899.00 |
| 136 656  | Telescopic mast ENTRY, complete kit       | 1.3 - 3 m | 24 V    | 899.00 |
| 136 036  | Roof plate rectangular 240 x 260 mm ENTRY |           |         | 120.00 |



## Floodlight mast LIGHT

Complete kit with compressed air control, 2 mounting brackets, 2 floodlights (600W/24 volt or 1000 W/230 volt), incl. holder. The mast has three anodised sections with inlaid cable 4 x 1.5 mm<sup>2</sup>. Ø 90 mm, telescopically extendable from 1.58 - 3.65 m.

*Safety at night:  
as bright as day  
powered from  
your vehicle.*



Operates a 230 volt lighting mast from a 24 volt HGV.



Roof plate. Accessory for van body mounting (optional)

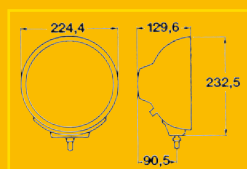
| Code no. | Description                               | Height        | Input voltage | Voltage | EUR      |
|----------|---|---------------|---------------|---------|----------|
| 136 706  | Illumination mast LIGHT, complete kit     | 1.58 - 3.65 m |               | 24 V    | 1,599.00 |
| 136 756  | Illumination mast LIGHT, complete kit     | 1.58 - 3.65 m |               | 230 V   | 1,639.00 |
| 136 056  | Roof plate rectangular 240 x 260 mm LIGHT |               |               |         | 125.00   |
| 109 775  | Invertor module 1000/2000 W               |               | 24 V          |         | 219.00   |

## Jumbo and Luminator

Sometimes it just has to be chrome! You will love the high-gloss design particularly knowing that the chrome plating had been applied with a high-quality galvanising technique. Just chrome in perfection for a precious finish. Bulb not included.



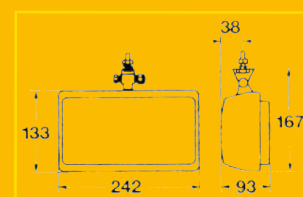
High beam headlight  
Luminator with parking  
light



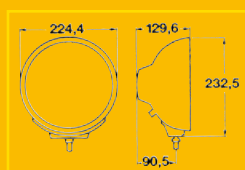
Appropriate headlight  
bar on request



Headlight Jumbo 220



| Code no. | Description                      | Dimensions       | EUR   |
|----------|----------------------------------|------------------|-------|
| 105 308  | Headlight Jumbo 220              | W 242 x H 133 mm | 58.50 |
| 105 508  | High beam headlight Luminator    | 225 mm Ø         | 95.00 |
| 105 208  | Fog light Jumbo 220              | W 242 x H 133 mm | 58.50 |
| 180 205  | Bulb, H3, 12 V, 55 W             |                  | 1.80  |
| 180 255  | Bulb H3, 24 V, 70 W              |                  | 3.10  |
| 180 575  | Spare glass-socket bulb 12 V/5 W |                  | 0.75  |
| 180 585  | Spare glass-socket bulb 24 V/5 W |                  | 0.75  |



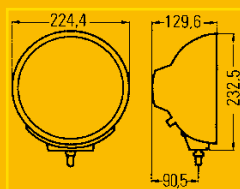
## Luminator Chromium Celis

Trend-setting headlight with distinctive clear glass optic and circular position lights in Celis fibre-optic technology. The zinc die-casted housing and the free-form high gloss reflector are further highlights. Bulb not included.

| Code no. | Description                         | Ø      | EUR    |
|----------|-------------------------------------|--------|--------|
| 105 608  | High beam headlight Luminator Celis | 225 mm | 149.00 |
| 180 109  | H1 lamp, 55 W 12 volt               |        | 1.65   |
| 180 159  | H1 lamp, 70 W 24 volt               |        | 3.20   |



Luminator Chromium Blue

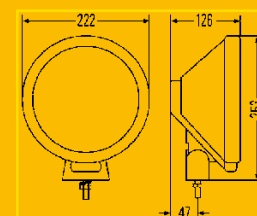


## High beam headlights Rallye 3003 / Luminator Blueline optic

Both versions with very clear glass, chrome housing (Rallye 3003 only chrome flange). Powerful high boost reflector for a consistent illumination of the roadway. Bulbs not included.



Rallye  
3003



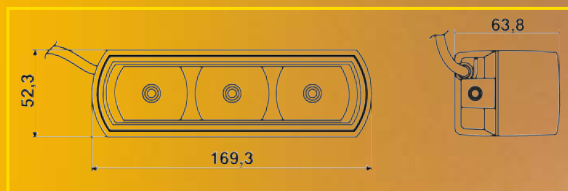
| Code no. | Description                     | Ø      | EUR   |
|----------|---------------------------------|--------|-------|
| 105 568  | High beam headlight Rallye 3003 | 222 mm | 81.00 |

| Code no. | Description                      | EUR  |
|----------|----------------------------------|------|
| 180 109  | H1 lamp, 55 W 12 volt            | 1.65 |
| 180 159  | H1 lamp, 70 W 24 volt            | 3.20 |
| 180 575  | Spare glass-socket bulb 12 V/5 W | 0.75 |
| 180 585  | Spare glass-socket bulb 24 V/5 W | 0.75 |



## Hella day lights

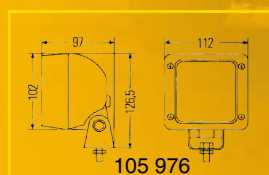
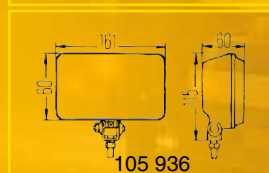
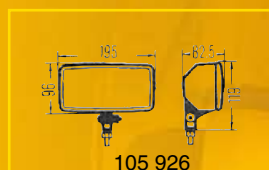
These LED daytime driving lights consist of a very robust and compact aluminium diecasted housing. Three high-performance LEDs per light provide a high recognisability of your vehicle during daylight and contribute to improved safety in road traffic. These lights are universally applicable and have a lifetime of approx. 10.000 hours. Scope of delivery: Set incl. wiring kit and mounting accessories.



| Code no. | Description                | Dimensions             | Voltage  | EUR    |
|----------|----------------------------|------------------------|----------|--------|
| 105 857  | LED day lights rectangular | 169.3 x 52.3 x 63.8 mm | 9 - 32 V | 149.00 |

## Hella reversing lights

Modern halogen reversing lights provide optimal vision due to their brightness and lighting range. Ultra-beam design with vibration absorption and shockproof housing. All models with panning base and M10 fixing screw. Bulb not included.



105 926  
E1 2186



105 936  
E1 2185

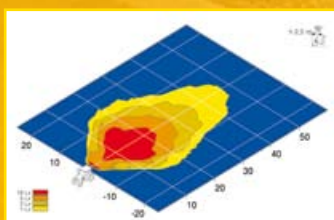
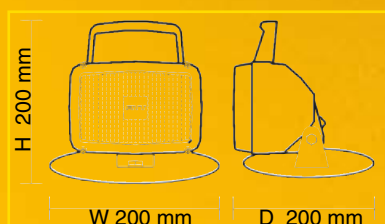


105 976  
E12 23005

| Code no. | Description                | EUR   |
|----------|----------------------------|-------|
| 105 926  | Reversing light Comet 450  | 23.40 |
| 105 936  | Reversing light Comet 550  | 27.30 |
| 105 976  | Reversing light Ultra Beam | 29.90 |
| 180 205  | Bulb, H3, 12 V, 55 W       | 1.80  |
| 180 255  | Bulb H3, 24 V, 70 W        | 3.10  |

## Work lamps Twin Power with magnetic base

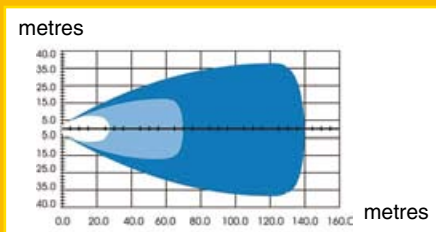
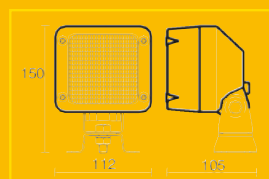
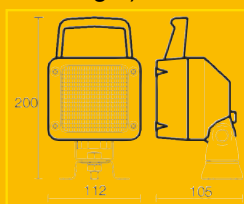
Now available with magnetic base Ø 200 mm, and spiral cable with plug for cigarette-lighter or additional socket. Incl. H3 bulbs for 12 or 24 volt.



| Code no. | Description          | Version                             | Voltage | EUR   |
|----------|----------------------|-------------------------------------|---------|-------|
| 100 225  | Work lamp Twin Power | with magnetic base / incl. H3 bulbs | 12 V    | 62.00 |
| 100 235  | Work lamp Twin Power | with magnetic base / incl. H3 bulbs | 24 V    | 62.00 |

## Work lamps Single Power

These halogen work lamps with free-form reflectors guarantee an extensive and far-reaching illumination. Robust polypropylene housing with overhang to protect the glass lens. Available with or without handle, for hanging or standing installation. With AMP plug-in connection and integrated 12 or 24 volt H3 light. Very quick mounting time (not necessary to open the work light).



| Code no. | Description            | Version                       | Voltage | EUR   |
|----------|------------------------|-------------------------------|---------|-------|
| 100 011  | Work lamp Single Power | with handle and H3 bulb       | 12 V    | 19.90 |
| 100 021  | Work lamp Single Power | with handle and H3 bulb       | 24 V    | 20.50 |
| 100 031  | Work lamp Single Power | without handle, incl. H3 bulb | 12 V    | 19.50 |
| 100 041  | Work lamp Single Power | without handle, incl. H3 bulb | 24 V    | 19.90 |

| Code no.  | Description                              | Voltage | EUR   |
|-----------|--|---------|-------|
| 830 901AS | Electric rocker switch                   | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch                   | 24 V    | 14.50 |
| 100 111   | Plug housing suitable for AMP connection |         | 0.70  |

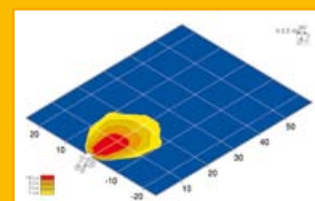
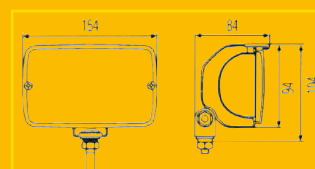
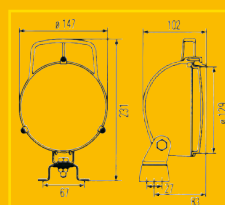


Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)

Plug housing

## Work lamps

The diffusion lens provides a broad illumination. The shock-resistant housing guarantees a long lifetime. H3 bulb not included.

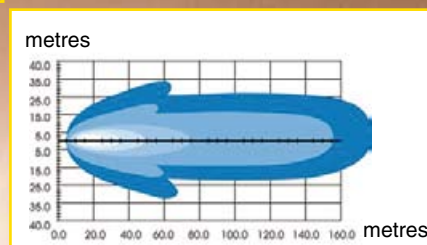
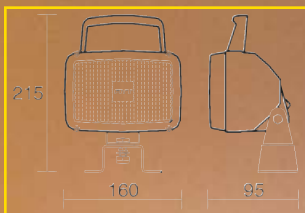
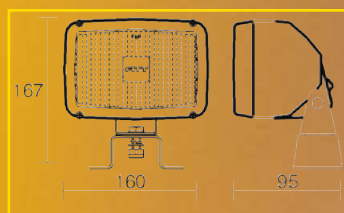


| Code no.  | Description            | Version                   | Voltage | EUR   |
|-----------|------------------------|---------------------------|---------|-------|
| 110 405   | Rectangular work lamp  | without handle and switch |         | 16.90 |
| 110 105   | Round work lamps       | without grid, with switch |         | 16.90 |
| 110 205   | Round work lamps       | with grid and switch      |         | 20.50 |
| 830 901AS | Electric rocker switch |                           | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch |                           | 24 V    | 14.50 |
| 180 205   | Bulb, H3, 12 V, 55 W   |                           |         | 1.80  |
| 180 255   | Bulb H3, 24 V, 70 W    |                           |         | 3.10  |



## Work lamps Twin Power

These halogen work lamps with free-form double reflectors guarantee an extensive and far-reaching illumination. Robust polypropylene housing with overhang to protect the glass lens. Available with or without handle, for hanging or standing installation. With AMP plug-in connection and integrated 12 or 24 volt H3 bulb. Very short mounting time (not necessary to open the work light).

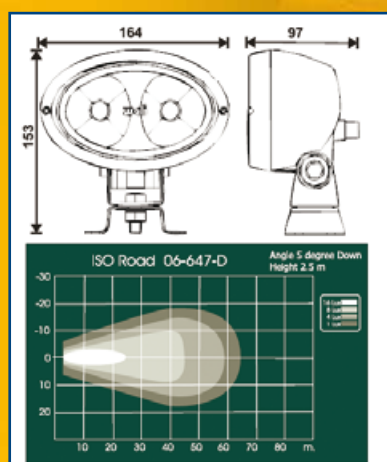


Plug housing

| Code no. | Description          | Version                       | Voltage | EUR   |
|----------|----------------------|-------------------------------|---------|-------|
| 100 071  | Work lamp Twin Power | with handle and H3 bulb       | 12 V    | 24.90 |
| 100 081  | Work lamp Twin Power | with handle and H3 bulb       | 24 V    | 25.50 |
| 100 051  | Work lamp Twin Power | without handle, incl. H3 bulb | 12 V    | 24.50 |
| 100 061  | Work lamp Twin Power | without handle, incl. H3 bulb | 24 V    | 24.90 |

## Oval work lamps twin power

Modern design and sturdy workmanship characterise this new series of oval single/twin power halogen work lamps with free-form double reflectors for a wide and far-reaching beam. Robust polypropylene housing with protruding brim to protect the glass diffuser. Can be stand or hang mounted, has an AMP socket and comes with an integrated 12 or 24 volt H3 lamp. Quick assembly (no opening necessary).



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)



Plug housing

| Code no. | Description               | Version      | Voltage | EUR   |
|----------|---------------------------|--------------|---------|-------|
| 110 571  | Oval work lamp twin power | with H3 bulb | 12 V    | 24.90 |
| 110 581  | Oval work lamp twin power | with H3 bulb | 24 V    | 24.90 |

| Code no.  | Description                              | Voltage | EUR   |
|-----------|--|---------|-------|
| 830 901AS | Electric rocker switch                   | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch                   | 24 V    | 14.50 |
| 100 111   | Plug housing suitable for AMP connection |         | 0.70  |

## Nordic work lamps

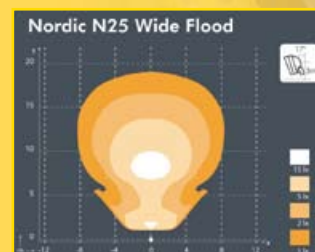
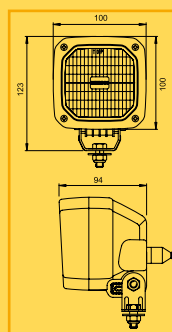
NORDIC work lamps are ideal in demanding conditions due to their in-built vibration absorption and extremely robust construction.

*Lights for heavy duty*

**NORDICLIGHTS**



Plug housing



### Work lamps N25

Very compact design with hardened diffusion lens, special vibration cushioning, AMP plug connection and integrated H3 bulb for quick mounting.



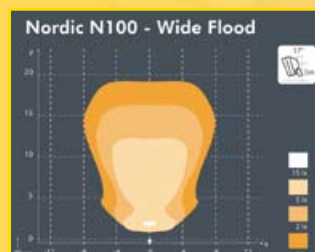
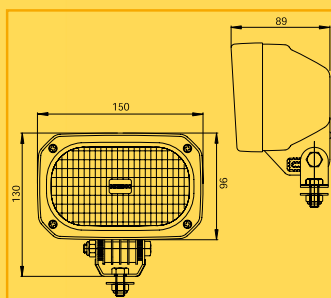
| Code no.  | Description                              | Version       | Voltage | EUR   |
|-----------|--|---------------|---------|-------|
| 101 023   | Work lamp N25, square                    | incl. H3 bulb | 12 V    | 19.60 |
| 101 033   | Work lamp N25, square                    | incl. H3 bulb | 24 V    | 20.00 |
| 830 901AS | Electric rocker switch                   |               | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch                   |               | 24 V    | 14.50 |
| 100 111   | Plug housing suitable for AMP connection |               |         | 0.70  |

### Work lamps N100D

With hardened diffusion lens, special vibration cushioning, AMP plug connection and integrated H3 bulb for quick mounting.



Plug housing



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)

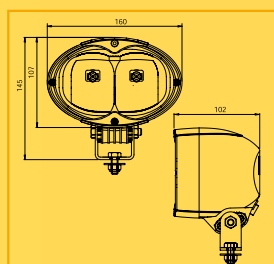
| Code no.  | Description                              | Version       | Voltage | EUR   |
|-----------|--|---------------|---------|-------|
| 101 153   | Work lamp N100D, rectangular             | incl. H3 bulb | 12 V    | 17.80 |
| 101 163   | Work lamp N100D, rectangular             | incl. H3 bulb | 24 V    | 18.20 |
| 830 901AS | Electric rocker switch                   |               | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch                   |               | 24 V    | 14.50 |
| 100 111   | Plug housing suitable for AMP connection |               |         | 0.70  |

### Work lamps N300

The work lamp with free-form double reflector in modern design supplies a considerably better illumination than a conventional work lamp. Equipped with hardened diffusion lens and special vibration cushioning. AMP plug connection and integrated H3 bulb for quick mounting.



Plug housing

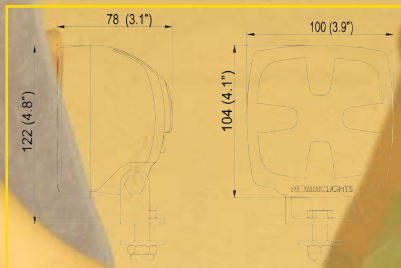


| Code no.  | Description                              | Version       | Voltage | EUR   |
|-----------|--|---------------|---------|-------|
| 101 063   | Work lamp N300 TwinPower                 | incl. H3 bulb | 12 V    | 34.80 |
| 101 073   | Work lamp N300 TwinPower                 | incl. H3 bulb | 24 V    | 35.20 |
| 830 901AS | Electric rocker switch                   |               | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch                   |               | 24 V    | 14.50 |
| 100 111   | Plug housing suitable for AMP connection |               |         | 0.70  |



## LED work lamp N25LEDX

LED work lamp for use when long periods of lighting and high reliability is required. This work lamp is fully watertight and shockproof. Brilliant light with very low power consumption. Multi-voltage operation possible.



candle power: 750 lumen  
IP 68 classification



NEW

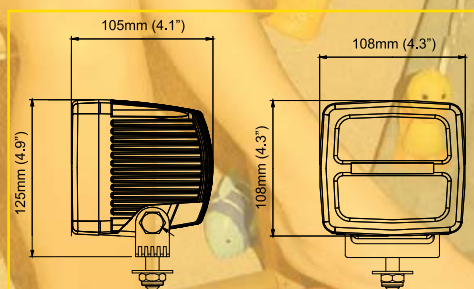


ALUMINIUM CASE

| Code no.  | Description            | Version | Voltage   | EUR    |
|-----------|------------------------|---------|-----------|--------|
| 101 296   | LED work lamp N25LEDX  | LED     | 12 - 80 V | 155.00 |
| 830 901AS | Electric rocker switch |         | 12 V      | 14.50  |
| 830 891AS | Electric rocker switch |         | 24 V      | 14.50  |

## LED work lamp N44LED

LED work lamp for use when long periods of lighting and high reliability is required. This aluminium housed work lamp is fully watertight and shockproof. Brilliant light with very low power consumption and multi-voltage operation.



NEW



ALUMINIUM CASE

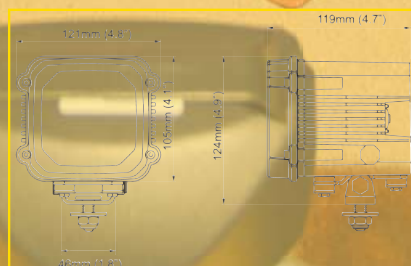
| Code no.  | Description            | Version | Voltage   | EUR    |
|-----------|------------------------|---------|-----------|--------|
| 101 306   | LED work lamp N44LED   | LED     | 12 - 24 V | 279.00 |
| 830 901AS | Electric rocker switch |         | 12 V      | 14.50  |
| 830 891AS | Electric rocker switch |         | 24 V      | 14.50  |



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)

## Nordic work lamp N45HID

Very compact construction, aluminium housing, in-built control unit, gas discharge lamp, quick assembly. Hardened glass lens, resistant to shocks and vibrations. Protection class IP 68.



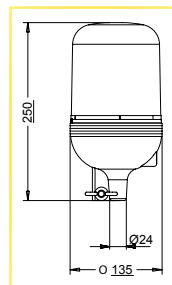
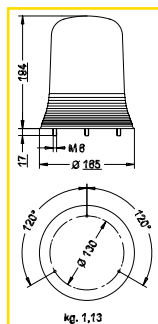
ALUMINIUM CASE



| Code no.  | Description            | Version          | Voltage | EUR    |
|-----------|------------------------|------------------|---------|--------|
| 101 266   | Xenon work lamp N45HID | incl. xenon bulb | 12 V    | 279.00 |
| 101 276   | Xenon work lamp N45HID | incl. xenon bulb | 24 V    | 279.00 |
| 830 901AS | Electric rocker switch |                  | 12 V    | 14.50  |
| 830 891AS | Electric rocker switch |                  | 24 V    | 14.50  |

## Work lamps with radio remote control

Especially developed for rescue and recovery services. This work light has a radio remote controlled clear-glass reflector, it can be rotated 360° and tilted 260°. Adjustment with 2 electronic rotating motors. Simple handling thanks to hand-held transmitter with on/off and tilt/turn controls. The transmitter works up to 100 m. Incl. holder for transmitter. High luminosity thanks to special metal-reflector. Ideal for recovery in darkness.



| Code no. | Description                         | Version    | Fixing    | Voltage | EUR    |
|----------|-------------------------------------|------------|-----------|---------|--------|
| 116 425  | Work lamp with radio remote control | incl. bulb | Plug base | 24 V    | 295.00 |
| 116 435  | Work lamp with radio remote control | incl. bulb | Plug base | 12 V    | 295.00 |
| 116 445  | Work lamp with radio remote control | incl. bulb | 3-point   | 24 V    | 295.00 |
| 116 455  | Work lamp with radio remote control | incl. bulb | 3-point   | 12 V    | 295.00 |

## Work lamp with radio remote control, 12 V

The Prolight work lamp with magnetic or plug-in screw base. The radio remote control can pivot the light to over 440° horizontally and 75° vertically. The light can be easily removed from the base and mounted in any other place with its magnetic foot.



incl. 3 m cable with cigarette lighter plug

incl. plug-in screw base



incl. radio remote control

| Code no. | Description        | Version    | Cable | Voltage | EUR    |
|----------|--------------------|------------|-------|---------|--------|
| 116 305  | Work lamp Prolight | incl. bulb | 3 m   | 12 V    | 126.00 |

## Work lamps Module 70

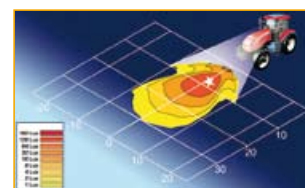
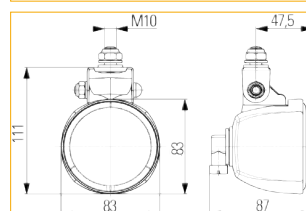
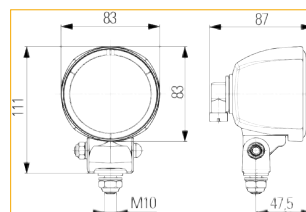
This work lamp is characterised by its very compact construction (only 83 mm Ø) and its high luminosity. The shock-proof plastic housing and the hardened diffusion lens guarantee a long lifetime. H9 bulbs included in delivery, H3 bulbs not included! Protection class IP5K9K.



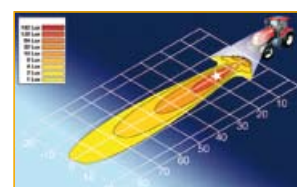
110 035



110 015



110015 Module 70 H3



110035 Module 70 H9



just 83 mm Ø

| Code no. | Description            | Version    | Voltage | EUR   |
|----------|------------------------|------------|---------|-------|
| 110 015  | Work lamp Module 70 H3 | base mount | 12/24 V | 21.90 |
| 110 025  | Work lamp Module 70 H3 | hang mount | 12/24 V | 21.90 |
| 110 035  | Work lamp Module 70 H9 | base mount | 12 V    | 47.00 |
| 110 045  | Work lamp Module 70 H9 | hang mount | 12 V    | 47.00 |



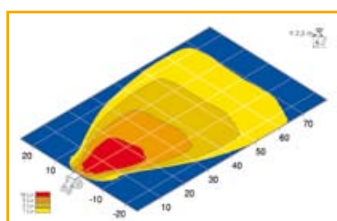


## Xenon work lamps

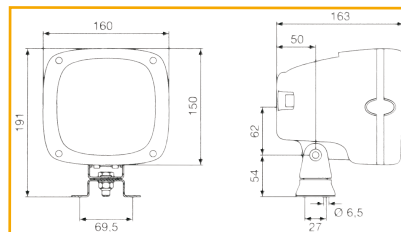
The AS 200s are very powerful and robust headlights with integrated xenon-electronics. The diffusion lens is protected by the overhanging housing. Integrated handle, anti-vibration rotatable foot with mounting bracket. The 12-volt version is delivered with magnetic feet and connecting cable.



24 volt



12 volt with magnetic bases and connection cable



| Code no. | Description                        | Version          | Voltage | EUR    |
|----------|------------------------------------|------------------|---------|--------|
| 100 036  | Xenon work lamp                    | incl. xenon bulb | 24 V    | 299.00 |
| 100 046  | Xenon work lamp with magnetic feet | incl. xenon bulb | 12 V    | 299.00 |



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)



Radio switch for activation. Code no. 106 116, 12 volt, EUR 81.00 and code no. 106 166, 24 volt, EUR 95.00



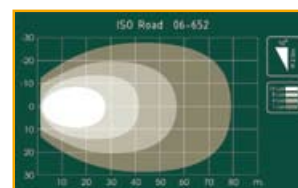
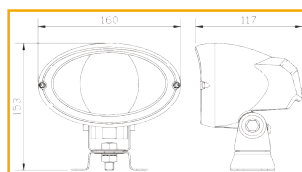
**ACCESSORY  
RECOMMENDATION**

| Code no.  | Description            | Motif                | Colour | Voltage | EUR   |
|-----------|------------------------|----------------------|--------|---------|-------|
| 830 901AS | Electric rocker switch | AS - work lamps rear | Yellow | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch | AS - work lamps rear | Yellow | 24 V    | 14.50 |
| 106 116   | Wireless switch        |                      |        | 12 V    | 81.00 |
| 106 166   | Wireless switch        |                      |        | 24 V    | 95.00 |
| 180 205   | Bulb, H3, 12 V, 55 W   |                      |        |         | 1.80  |
| 180 255   | Bulb H3, 24 V, 70 W    |                      |        |         | 3.10  |



## Xenon work lights oval

This work light is characterised by its very competitive price and compact construction, but still remains powerful. With external control unit. Housing made of plastics and hardened glass lens. Protection class IP 64.

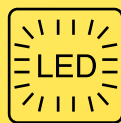
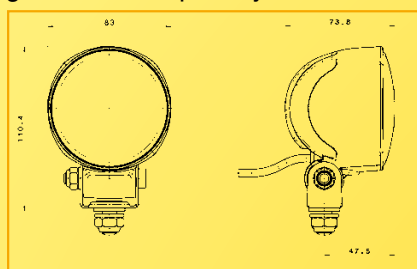


| Code no. | Description      | Version          | Voltage | EUR    |
|----------|------------------|------------------|---------|--------|
| 101 214  | Xenon work light | incl. xenon bulb | 12 V    | 179.00 |
| 101 224  | Xenon work light | incl. xenon bulb | 24 V    | 179.00 |

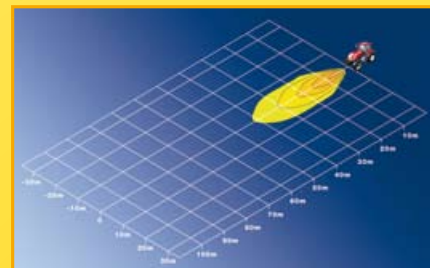
## Modul 70 LED worklamps

These multivolt worklamps have four high performance LEDs. Due to their low energy consumption they are ideally suited for vehicles whose alternators are already working to capacity.

The Modul 70 LED second generation is resistant against vibrations, impacts and voltage fluctuations. The integrated electronics protect against reverse polarity and ensures consistent lighting.

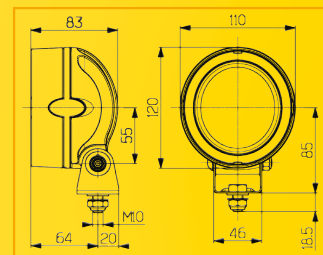
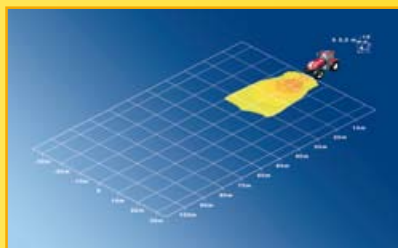
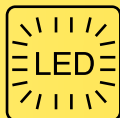


ONLY 83 MM Ø



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)

| Code no.  | Description            | Version        | Voltage | EUR    |
|-----------|------------------------|----------------|---------|--------|
| 109 985   | Worklamp               | standing mount | 9-33 V  | 146.00 |
| 109 995   | Worklamp               | hanging mount  | 9-33 V  | 146.00 |
| 830 901AS | Electric rocker switch |                | 12 V    | 14.50  |
| 830 891AS | Electric rocker switch |                | 24 V    | 14.50  |

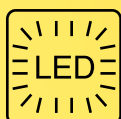


## Work lamps Mega Beam LED second generation

Second generation LED work lamps operate between 9 - 33 V. Four high power LEDs produce a pleasant brightness which is comparable to natural daylight. Extremely long life-time, only 15W power consumption and short depth. Protection class IP 6K9K and IP 6K7.

| Code no. | Description                               | Version    | Voltage   | EUR    |
|----------|---|------------|-----------|--------|
| 110 055  | Work lamp Mega Beam LED second generation | base mount | 12 - 24 V | 149.00 |
| 110 065  | Work lamp Mega Beam LED second generation | hang mount | 12 - 24 V | 149.00 |

NEW

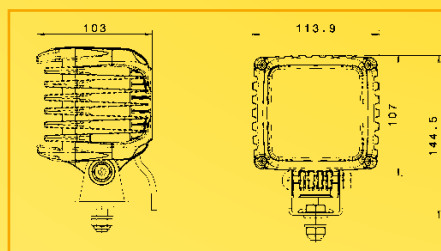
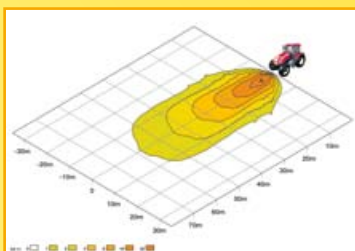


## Work lamp Power Beam 2000 LED

This work lamp is a top LED product. The intensity of the close range illumination is comparable to that of a xenon work lamp due to the 16 high performance LEDs. Robust alloy housing with integrated overheat protection, audible reverse polarity warning and low power consumption are just some of the features.

16 high performance LEDs for daytime brightness

ALUMINIUM CASE



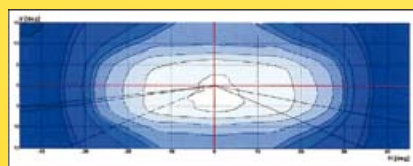
| Code no. | Description                   | Version | Voltage   | EUR    |
|----------|-------------------------------|---------|-----------|--------|
| 110 095  | Work lamp Power Beam 2000 LED | LED     | 12 - 24 V | 319.00 |



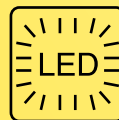
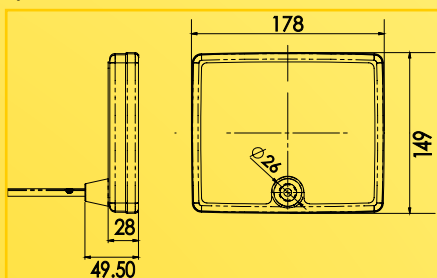
NEW

## Work lamp Quadro Spot

This work lamp has a very wide illumination radius, and is absolutely watertight (IP 69) as well as virtually indestructible. 14 high-performance LEDs draw only 14W current and the lamp develops very little heat so it can be operated for long periods. Can be top or bottom mounted.



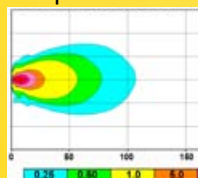
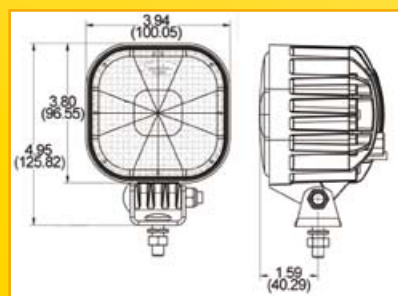
PRICE SENSATION



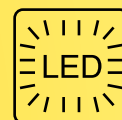
| Code no. | Description               | Voltage | EUR   |
|----------|---------------------------|---------|-------|
| 110 142  | LED work lamp Quadro Spot | 12/24 V | 99.00 |

## Speaker type 832

High-power LED work lamp with shockproof alloy housing and ultraviolet-resistant lens. Eight LEDs for daylike brightness despite low power consumption.



POWER LED



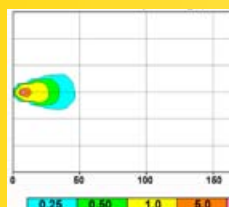
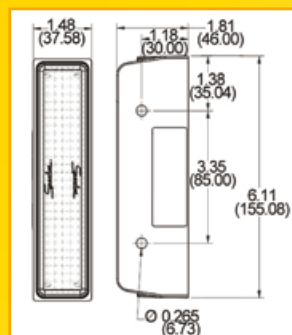
NEW

ALUMINIUM CASE

| Code no. | Description           | Voltage | EUR    |
|----------|-----------------------|---------|--------|
| 111 945  | LED worklamp type 832 | 12 V    | 339.00 |
| 111 955  | LED worklamp type 832 | 24 V    | 339.00 |

## Speaker Compact

Very compact, sturdy LED work lamp with shockproof alloy housing and an ultraviolet-resistant lens. Four long life LED modules with very low power consumption.



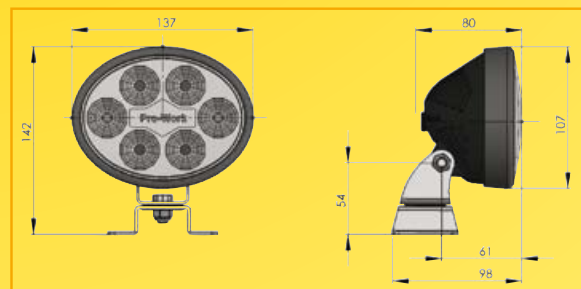
NEW

ALUMINIUM CASE

| Code no. | Description           | Voltage   | EUR    |
|----------|-----------------------|-----------|--------|
| 110 904  | LED work lamp typ 783 | 12 - 48 V | 129.00 |

## LED work lamp

The LED high power work lamp boasts a modern clear glass design, 6 LEDs of the newest generation, and free-form mirror technology for unequalled brightness. The shatter-proof, waterproof polycarbonate lens and the stable housing remain unaffected by heavy vibrations.



Electric rocker switch (code-no. 830 901AS, see pages 49, 74, and 135)

| Code no.  | Description            | Voltage | EUR    |
|-----------|------------------------|---------|--------|
| 110 155   | LED work lamp          | 12-24 V | 139.00 |
| 830 901AS | Electric rocker switch | 12 V    | 14.50  |
| 830 891AS | Electric rocker switch | 24 V    | 14.50  |



NICE PRICE!



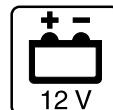
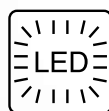
### Inspection lamp

Inspection lamp 8 watt, 5 m cable with European plug, TÜV/GS approved. 8 watt fluorescent tube, not replaceable, with integrated reflector, shock-resistant housing, rotating hook and electronic cut-in unit in handle, 50 Hz.

| Code no. | Description         | Length | EUR  | from 5 pc. EUR |
|----------|---------------------|--------|------|----------------|
| 311 955  | 8 W inspection lamp | 365 mm | 5.90 | 4.90           |

### LED 12V inspection lamp

12V LED inspection lamp with 60 brilliant white LEDs. Waterproof, oilproof and shockproof. On/off switch, swivel-hook, cable with cigarette lighter plug, additional charger lead with battery clips.



| Code no. | Description         | Length | Voltage | EUR   |
|----------|---------------------|--------|---------|-------|
| 310 521  | LED inspection lamp | 390 mm | 12 V    | 19.90 |

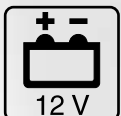
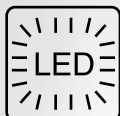


### Rechargeable LED workshop light

Rechargeable sticklight with 60 LEDs. Robust, waterproof and oil resistant safety lamp with enormous light efficiency, large swivel hook and strong magnet. Battery charger for 12 and 230 volt included in delivery. CE approved. Operating time approx. 6 hours.



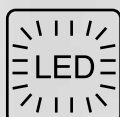
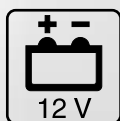
Magnetic holder included



| Code no. | Description                     | Length | EUR   |
|----------|---------------------------------|--------|-------|
| 311 851  | Rechargeable LED workshop light | 390 mm | 27.00 |

### Portable worklamp

The robust, reliable and very bright searchlight supplies optimal light. For longer use or if less light is required it can be switched to LED-light. The maintenance-free lead-gel battery pack lasts up to 3.5 hours, using LED-light up to 30 hours. For charging use the mains plug included or the 12-volt-adaptor. Thanks to the flashlight function and the yellow insert disc this headlight can also be used as a warning light.



Up to 30 hrs operation with 8 white LEDs



incl. plug for mains supply, 12-volt adaptor and insert disc

| Code no. | Description                | EUR   |
|----------|----------------------------|-------|
| 310 605  | Rechargeable LED worklight | 59.90 |

H 290 x W 133 x D 113 mm



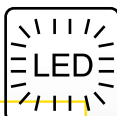
## ProLux work lamps

Professional, very light (1100g) rechargeable portable work lamps including a filter disc to use in flash mode as a warning light. The lamps are splash and dust proof with a 110° swivel head and have 4 state of charge LEDs. The pilot lamp flashes when charging is taking place. Optimised charging at 230V AC, 12 or 24V DC and in-built quality lead gel battery. When the main lights run low the lamps automatically switch to LED pilot lamp operation, allowing the classification as an emergency lamp according to VDE 0108.

Available in 2 versions:

Halogen - four hours (halogen) or 75 hours (LED pilot) use when fully charged

Power LED - five hours (power LED) or 75 hours (LED pilot) use when fully charged. LED lifetime 50,000 hours, you will never have to replace it. Beam range 150m.



310 154

### Scope of Delivery:

Portable work lamp with charging station. Amber filter disc. 230V cable with Euro-plug and 12/24 V cable with cigarette lighter plug. Operating instructions included.



switching between LED and halogen



Charging station/wall mount

| Code no. | Description                                 | Dimensions         | EUR    |
|----------|---|--------------------|--------|
| 310 154  | Rechargeable portable work lamp ProLux SL 5 | 104 x 245 x 120 mm | 99.00  |
| 310 164  | Rechargeable hand lamp SL 5 LED             | 104 x 245 x 120 mm | 129.00 |

## ProLux explosion-proof work and emergency lamps

The most modern explosion-proof rechargeable lamp on the market, with microprocessor controlled electronics, approval for use in vehicles, impact-resistant plastics and a lead gel battery without memory effect which is protected against total discharge by the intelligent charger circuit. The lamp can be used permanently lit or in blink mode enabling use as a warning light.

- battery protected against total discharge
- lamp head swivels 110°
- impact-resistant polyamide housing, polycarbonate lens
- protection class IP 64
- beam range 200m
- operation: main lamp 4 hrs., LED pilot lamp 85 hrs.
- temperature range -20 - +40° celsius

### Technical data:

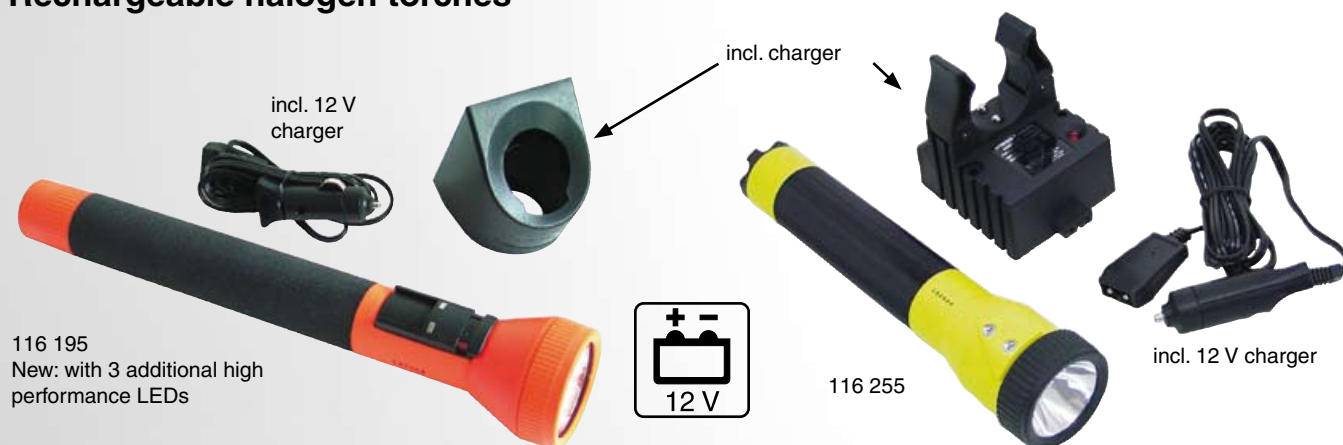
Conforms with 94/9/EC, EN 50020, EN 61241-11 and relevant EMC rules.

Emergency lamp according to VDE 0108.



| Code no. | Description                                    | Dimensions         | EUR    |
|----------|--|--------------------|--------|
| 310 184  | ProLux explosion-proof work and emergency lamp | 104 x 245 x 120 mm | 249.00 |

## Rechargeable halogen torches



116 195  
New: with 3 additional high performance LEDs

Robust rechargeable torches in fluorescent colours.  
The fluorescent colour design ensures that these lamps will not be forgotten at job site by night.

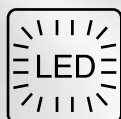
| Code no. | Description    | Colour | Length | Voltage | EUR    |
|----------|----------------|--------|--------|---------|--------|
| 116 195  | Torch SL-20 XP | Orange | 335 mm | 12 V    | 139.00 |
| 116 255  | Torch SL-76    | Yellow | 185 mm | 12 V    | 125.00 |



### Torch with signal cone

Torch with adjustable light intensity, flash function and signal cone. Ideal for directing traffic. 3 x mono batteries necessary. Length of signal cone 170 mm.

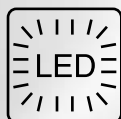
| Code no. | Description            | Length | Weight | EUR  |
|----------|------------------------|--------|--------|------|
| 310 905  | Torch                  | 260 mm | 150 g  | 9.90 |
| 320 037  | Mono battery, 1.5 volt |        |        | 1.00 |



### Torch LED Turbo

Highly shockproof light with a 0.5 W LED and three white LEDs. The lamp has a robust aluminium core and a nylon coating (N66) which is heat-resistant up to 210° C, a hard rubber head and hand loop. Battery life approx. 80 hours. 3 x micro batteries necessary.

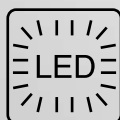
| Code no. | Description             | Length | Weight | EUR  |
|----------|-------------------------|--------|--------|------|
| 311 665  | Torch LED Turbo         | 150 mm | 120 g  | 9.95 |
| 320 038  | Micro battery, 1.5 volt |        |        | 0.50 |



### Torch LED Ultra Plus

Superbright and weatherproof lamp with rubber casing, hanger, one 0.5 W LED and three white LEDs. Battery life approx. 70 hours. 3 x 1.5 V batteries required.

| Code no. | Description             | Length | Weight | EUR  |
|----------|-------------------------|--------|--------|------|
| 311 685  | Torch LED Ultra Plus    | 215 mm | 142 g  | 8.90 |
| 320 039  | Round Battery, 1.5 volt |        |        | 0.50 |

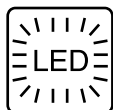
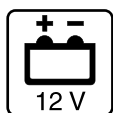


### Head lamp LED Power Beam

Very lightweight headlight with adjustable angle and 2-level switch: Level 1; 25 hours use - level 2; 100% luminosity, 7 hours use. Waterproof to 1 m depth, 0.5 W LED. 2 x micro batteries necessary.

| Code no. | Description              | EUR   |
|----------|--------------------------|-------|
| 311 645  | Head lamp LED Power Beam | 11.90 |
| 320 038  | Micro battery, 1.5 volt  | 0.50  |





### LED portable light

Compact LED rechargeable hand lamp with 15 bright LEDs, mirror finish reflector and fastening clip. Delivery includes a 230 V / 6 V 500ma 3VA charging adapter



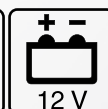
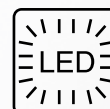
| Code no. | Description                    | Length | EUR   |
|----------|--------------------------------|--------|-------|
| 311 715  | LED rechargeable hand lamp A15 | 185 mm | 39.00 |
| 311 765  | 12 V charger                   |        | 4.40  |

### Pro portable light

Shock and weatherproof LED rechargeable hand lamp with 26 bright LED's (class I) and mirror finish reflectors. Integrated on/off switch and 2-stage light regulator. Delivery includes a 230V / 6V 500ma 3VA charger.

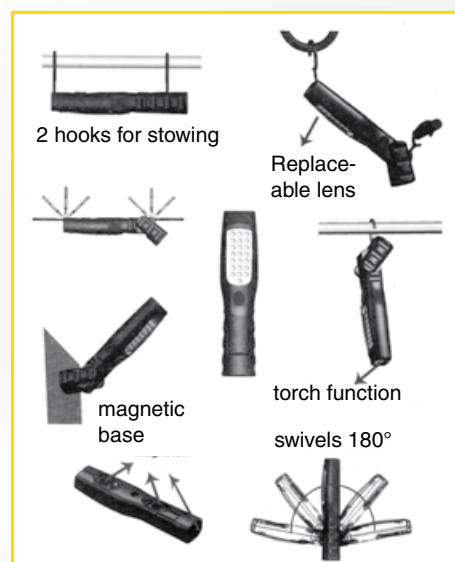
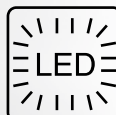


| Code no. | Description                    | Length | EUR   |
|----------|--------------------------------|--------|-------|
| 311 735  | LED rechargeable hand lamp A26 | 355 mm | 39.90 |
| 311 765  | 12 V charger                   |        | 4.40  |



### Rechargeable LED inspection lamp

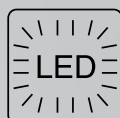
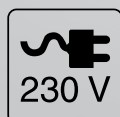
Multifunctional inspection lamp with 26 LEDs for operating time up to four hours. Charging time is two hours.



| Code no. | Description                      | Length | EUR   |
|----------|----------------------------------|--------|-------|
| 311 815  | Rechargeable LED inspection lamp | 250 mm | 34.90 |

### Rechargeable LED worklight

Multifunctional inspection lamp with 23 LEDs for operating time up to 1.5 hours.



| Code no. | Description                | Length | EUR   |
|----------|----------------------------|--------|-------|
| 311 985  | Rechargeable LED worklight | 220 mm | 24.90 |



torch function



swivels 180°

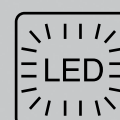


### Lightstick with LEDs

Lightstick with 6 red flashing LEDs. With rubber protected on/off switch and hand strap. Battery life more than 100 hours. 2 mono batteries necessary.



| Code no. | Description            | Colour | Length | Weight | EUR   |
|----------|------------------------|--------|--------|--------|-------|
| 310 955  | Lightstick             | Red    | 540 mm | 300 g  | 19.90 |
| 320 037  | Mono battery, 1.5 volt |        |        |        | 1.00  |





609 155

2 functions:  
LED rear fog  
light, LED  
reversing light



609 105

3 functions:  
LED rear light,  
LED brake light,  
LED indicator  
light



## LED rear lights

LED rear light in clear glass design and brilliant free-form mirror technology. 36 high performance LEDs in a shatter-proof and watertight housing. Polycarbonate lens.

| Code no. | Description                           | Dimensions      | Voltage   | EUR    |
|----------|---------------------------------------|-----------------|-----------|--------|
| 609 105  | LED stop/tail/indicator lamp          | Ø 140 x D 67 mm | 12 - 30 V | 97.00  |
| 609 155  | LED reversing light and LED fog light | Ø 140 x D 67 mm | 12 - 30 V | 103.00 |

## LED side marker lights/position lights

Classic top quality lights for incredibly low prices!

All lights with E-control sign.

Suitable for all kind of vehicles and trailers.



609 725

609 755

E13 12417



609 715

609 745



609 705

609 735

| Code no. | Description                   | Illuminants        | Dimensions       | Hole picture | Voltage | EUR   |
|----------|-------------------------------|--------------------|------------------|--------------|---------|-------|
| 609 735  | LED side marker lights        | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 12 V    | 29.90 |
| 609 745  | LED position light/rear light | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 12 V    | 29.90 |
| 609 755  | LED position lights           | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 12 V    | 29.90 |
| 609 705  | LED side marker lights        | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 24 V    | 29.90 |
| 609 715  | LED position light/rear light | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 24 V    | 29.90 |
| 609 725  | LED position lights           | 18 integrated LEDs | 252 x 22 x 18 mm | 230 mm       | 24 V    | 29.90 |

## LED rear light bulbs

LED standard sockets for replacing regular filament bulbs. Shock-proof, extremely long lifetime of up to 50000 operating hours, and minimal power consumption. Ideal for complementary rear lighting. Axial beam, side-mounting not possible!



611 971



611 981



611 991



| Code no. | Description              | Base   | Power  | Voltage | EUR  |
|----------|--------------------------|--------|--------|---------|------|
| 611 971  | LED brake/indicator bulb | BA15S  | 21 W   | 12 V    | 4.90 |
| 611 981  | LED rear light bulb      | BA15S  | 5 W    | 12 V    | 2.20 |
| 611 991  | LED double filament bulb | BAY15D | 21/5 W | 12 V    | 4.90 |



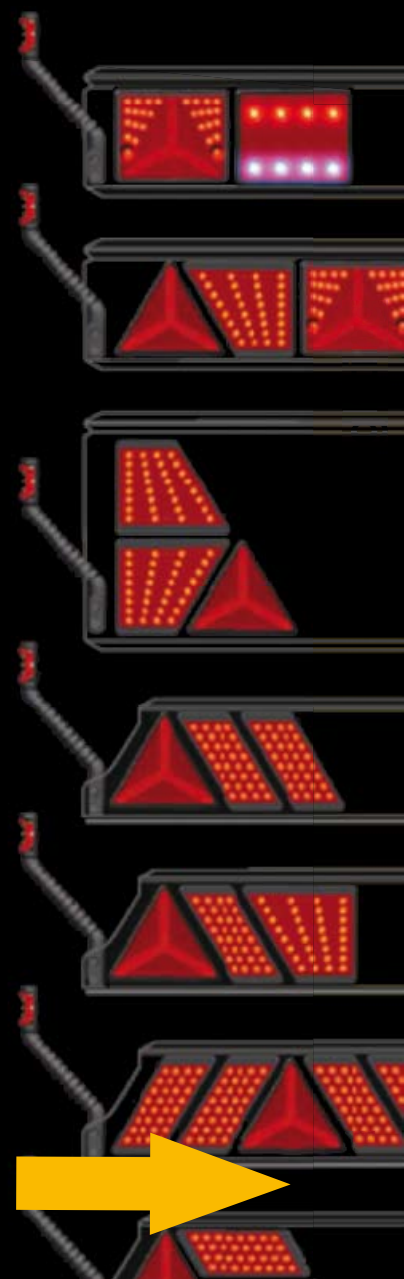
# VEHICLE LIGHTING OF THE FUTURE!

ProLux

12/24 V LED lighting systems



- ✓ intelligent diode-fail control
- ✓ almost unbreakable housings and polycarbonate lenses. Resistant against extreme temperatures and parking collisions
- ✓ housing, lens and cable outlet hermetically sealed
- ✓ modules have only one or two functions, thus reducing costs for replacement by over 50%
- ✓ all lights can be configured in various ways; create your own design!
- ✓ massive reductions on assembly time
- ✓ pre-assembled cable harnesses possible



Whether a single LED module or a complete system: we're the people to speak to  
Ask for our separate lighting catalogue or let us advise you:

Int'l. freefone 00800 9955 9955 or  
+49 7304 9695100



**NEW****12/24 V LED LIGHTING SYSTEMS**

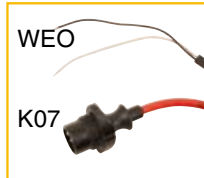
Vehicles licensed to be driven on public roads must have failure control monitoring of the indicators. Should an indicator fail, the driver must be warned visually or acoustically. This ruling applies for every ECE country. Many vehicle manufacturers actually monitor other lighting functions as well. The failure control systems implemented today do not recognise LED lights due to their low power consumption and therefore wrongly report a failure.

Abbreviations:

FR = Indicator  
SL = Stop/tail  
BR = Brake  
RS = Reflector  
DS = Reflector triangle  
NL = Rear fog  
KL = Number plate  
RF = Reverse

WEO

K07

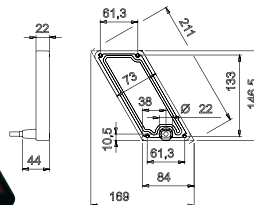
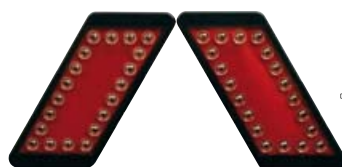
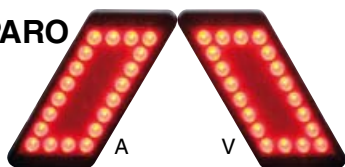


Questions? Let us  
advise you!  
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For this reason please note when ordering the following lights:

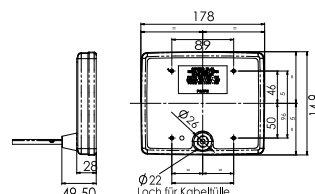
Cable end WEO = only for additional rear lights or older vehicles without failure control.

Cable end K07 = assembly material required = failure control accessory possible

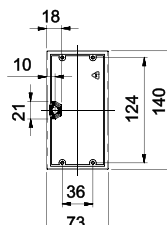
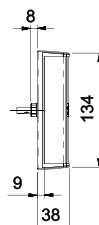
**PARO**

| Code no.         | Description | Function | Voltage | cable end | Cable length | Side | required accessories | EUR   |
|------------------|-------------|----------|---------|-----------|--------------|------|----------------------|-------|
| K11 2AUAA140RD/1 | PARO        | FR       | 12/24 V | K07       | 1400 mm      | A    | yes                  | 42.50 |
| K11 2VUAA140RD/1 | PARO        | FR       | 12/24 V | K07       | 1400 mm      | V    | yes                  | 42.50 |
| K11 2AUAA140RA/1 | PARO        | FR       | 12/24 V | WEO       | 1400 mm      | A    | no                   | 42.50 |
| K11 2VUAA140RA/1 | PARO        | FR       | 12/24 V | WEO       | 1400 mm      | V    | no                   | 42.50 |
| K11 2AUAB140RD/1 | PARO        | SL/BR    | 12/24 V | K07       | 1400 mm      | A    | yes                  | 55.90 |
| K11 2VUAB140RD/1 | PARO        | SL/BR    | 12/24 V | K07       | 1400 mm      | V    | ja                   | 55.90 |
| K11 2AUAB140RA/1 | PARO        | SL/BR    | 12/24 V | WEO       | 1400 mm      | A    | no                   | 55.90 |
| K11 2VUAB140RA/1 | PARO        | SL/BR    | 12/24 V | WEO       | 1400 mm      | V    | no                   | 55.90 |

All PARO lights can be mounted horizontally or vertically.

**QUADRO**

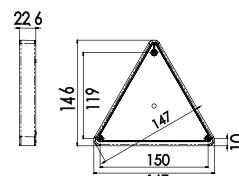
| Code no.         | Description | Function    | Voltage | cable end | Cable length | Side | required accessories | EUR   |
|------------------|-------------|-------------|---------|-----------|--------------|------|----------------------|-------|
| K11 4AUAP170RD/1 | QUADRO      | FR/DS/SL/BR | 12/24 V | K07       | 1700 mm      | L    | yes                  | 84.80 |
| K11 4VUAR170RD/1 | QUADRO      | FR/DS/SL/BR | 12/24 V | K07       | 1700 mm      | R    | yes                  | 84.80 |
| K11 4AUAP170RA/1 | QUADRO      | FR/DS/SL/BR | 12/24 V | WEO       | 1700 mm      | L    | no                   | 84.80 |
| K11 4VUAR170RA/1 | QUADRO      | FR/DS/SL/BR | 12/24 V | WEO       | 1700 mm      | R    | no                   | 84.80 |

**CENTRO**

| Code no.        | Description | Function | Voltage | cable end | Cable length | required accessories | EUR   |
|-----------------|-------------|----------|---------|-----------|--------------|----------------------|-------|
| K11 6NUAN60RD/1 | CENTRO      | NL/KL    | 12/24 V | K07       | 600 mm       | yes                  | 43.60 |
| K11 6NUAN60RA/1 | CENTRO      | NL/KL    | 12/24 V | WEO       | 600 mm       | no                   | 43.60 |
| K11 6NUAL60RD/1 | CENTRO      | RF/KL    | 12/24 V | K07       | 600 mm       | yes                  | 44.70 |
| K11 6NUAL60RA/1 | CENTRO      | RF/KL    | 12/24 V | WEO       | 600 mm       | no                   | 44.70 |

**Triangular reflector**

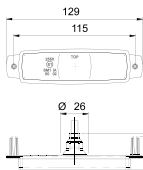
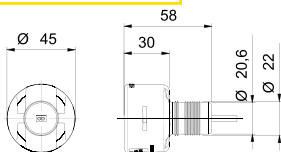
| Code no.  | Description          | EUR  |
|-----------|----------------------|------|
| K88 004/1 | Triangular reflector | 6.40 |







WEO K07 VCO



## Side marker/position lights

NEW

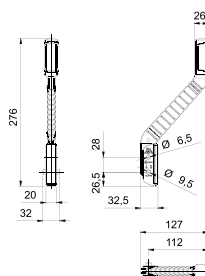


| Code no.       | Description               | Voltage | cable end | Cable length | required accessories | EUR   |
|----------------|---------------------------|---------|-----------|--------------|----------------------|-------|
| K3A 50RC/1     | Side marker light         | 12/24 V | VCO       | 500 mm       | yes                  | 16.90 |
| K3A 50RA/1     | Side marker light         | 12/24 V | WEO       | 500 mm       | no                   | 16.90 |
| K41 11A150RC/1 | Position lamp front white | 12/24 V | VCO       | 1500 mm      | yes                  | 21.10 |
| K41 11A150RA/1 | Position lamp front white | 12/24 V | WEO       | 1500 mm      | no                   | 21.10 |
| K42 13B600RC/1 | Position lamp rear red    | 12/24 V | VCO       | 6000 mm      | ja                   | 23.10 |
| K42 13B600RA/1 | Position lamp rear red    | 12/24 V | WEO       | 6000 mm      | no                   | 23.10 |

## Lane lights



WEO K07 VCO

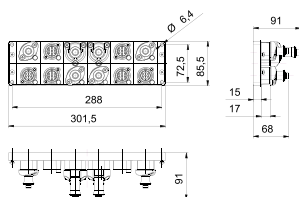


| Code no.    | Description          | Voltage | cable end | Cable length | Side | required accessories | EUR   |
|-------------|----------------------|---------|-----------|--------------|------|----------------------|-------|
| K5A 140RD/1 | Lane light red/white | 12/24 V | K07       | 1400 mm      | L    | yes                  | 26.30 |
| K5A 170RC/1 | Lane light red/white | 12/24 V | VCO       | 1700 mm      | L    | yes                  | 26.30 |
| K5A 170RA/1 | Lane light red/white | 12/24 V | WEO       | 1700 mm      | L    | no                   | 26.30 |
| K5B 140RD/1 | Lane light red/white | 12/24 V | K07       | 1400 mm      | R    | yes                  | 26.30 |
| K5B 170RC/1 | Lane light red/white | 12/24 V | VCO       | 1700 mm      | R    | yes                  | 26.30 |
| K5B 170RA/1 | Lane light red/white | 12/24 V | WEO       | 1700 mm      | R    | no                   | 26.30 |

## Activation aid



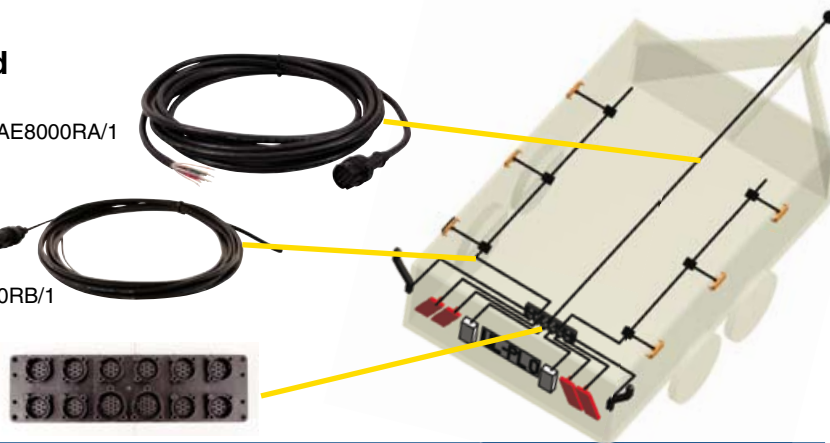
K86 003/1



K71 117AE8000RA/1

K71 211AD8000RB/1

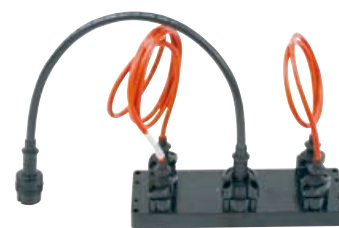
K6A C14/1



| Code no.          | Description                              | cable end | Cable length | EUR   |
|-------------------|--|-----------|--------------|-------|
| K6A C14/1         | Rear junction box 2 x 15 pin, 10 x 7 pin |           |              | 79.90 |
| K86 003/1         | 7-pin blind plug                         |           |              | 3.90  |
| K71 211RD8000RB/1 | Kontur lighting cable 2-core             | K07/WEC   | 8000 mm      | 14.80 |
| K71 117RE8000RA/1 | main supply cable 15-core                | K15/WEO   | 8000 mm      | 63.30 |

## Accessories for failure control

| Code no. | Description | Voltage | EUR    |
|----------|-------------|---------|--------|
| K6A D/1  | Trailer LPU | 12 V    | 216.00 |
| K6A E/1  | Trailer LPU | 24 V    | 198.00 |



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## Rear lights

Classic top quality lights for incredibly low prices!

All lights with E-control sign.

Suitable for all kind of vehicles and trailers.

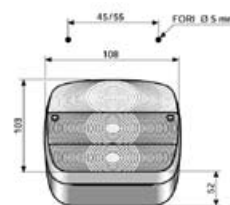


### Rear lights

With E control number and mounting material

611811

Functions:  
rear light, brake light, indicator,  
number plate light

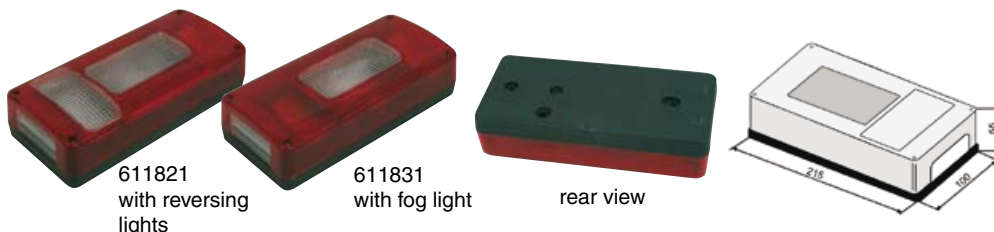


| Code no. | Description            | Illuminants  | Side       | Dimensions    | Hole picture | EUR  |
|----------|------------------------|--------------|------------|---------------|--------------|------|
| 611 811  | Rear light 4 functions | without bulb | right/left | 108x103x52 mm | 45/55 mm     | 7.30 |

### Rear lights with 5 functions

With E control number and mounting material.

Functions: rear light, brake light, indicator, number plate light, reversing light/fog light



| Code no. | Description | Illuminants   | Side  | Dimensions    | Hole picture | EUR   |
|----------|-------------|---------------|-------|---------------|--------------|-------|
| 611 821  | Rear light  | without bulbs | right | 215x100x55 mm | 155 mm       | 10.80 |
| 611 831  | Rear light  | without bulbs | left  | 215x100x55 mm | 155 mm       | 10.80 |

### Rear lights with 5 functions, ready-wired

With E control number and mounting material. Functions: rear light, brake light, indicator, number plate light, reversing light/fog light. Ready-wired, with connection socket.

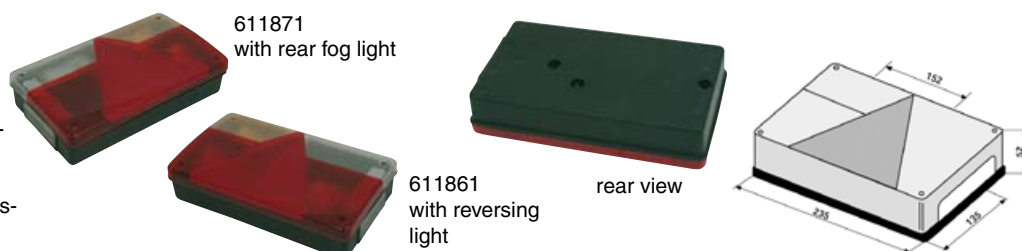


| Code no. | Description | Illuminants                 | Side  | Dimensions    | Hole picture | EUR   |
|----------|-------------|-----------------------------|-------|---------------|--------------|-------|
| 611 841  | Rear light  | incl. in 12 V specification | right | 215x100x55 mm | 155 mm       | 15.20 |
| 611 851  | Rear light  | incl. in 12 V specification | left  | 215x100x55 mm | 155 mm       | 15.20 |

### Rear lights 6 functions

With E control number and mounting material.

Functions: rear light, brake light, indicator, number plate light, reversing light/rear fog light, integrated triangular reflector



| Code no. | Description | Illuminants   | Side  | Dimensions    | Hole picture | EUR   |
|----------|-------------|---------------|-------|---------------|--------------|-------|
| 611 861  | Rear light  | without bulbs | right | 235x135x53 mm | 150 mm       | 13.90 |
| 611 871  | Rear light  | without bulbs | left  | 235x135x53 mm | 150 mm       | 13.90 |

### Rear lights 6 functions, ready-wired

With E control number and mounting material.

Functions: rear light, brake light, indicator, number plate light, reversing light/rear fog light, integrated triangular reflector, connection socket.



| Code no. | Description | Illuminants                 | Side  | Dimensions    | Hole picture | EUR   |
|----------|-------------|-----------------------------|-------|---------------|--------------|-------|
| 611 881  | Rear light  | incl. in 12 V specification | right | 235x135x52 mm | 150 mm       | 18.30 |
| 611 891  | Rear light  | incl. in 12 V specification | left  | 235x135x52 mm | 150 mm       | 18.30 |





| Code no. | Description                             | Illuminants   | Dimensions    | Hole picture | EUR  |
|----------|---|---------------|---------------|--------------|------|
| 611 641  | Position lamp                           | without bulbs | 90x43x37 mm   | 20 mm        | 3.90 |
| 611 651  | Position lamp with rubber flap          | without bulb  | 90x43x37 mm   | 15 or 20 mm  | 5.60 |
| 611 661  | Clearance lamp with angled rubber arm   | without bulbs | height 175 mm | 77 mm        | 8.70 |
| 611 671  | Clearance lamp with straight rubber arm | without bulb  | height 190 mm | 77 mm        | 8.70 |

### Side marker lights



| Code no. | Description           | Illuminants      | Dimensions   | Hole picture | Voltage | EUR   |
|----------|-----------------------|------------------|--------------|--------------|---------|-------|
| 611 701  | LED side marker light | integrated (LED) | 105x50 mm    | 85 mm        | 12/24 V | 9.80  |
| 611 711  | LED side marker light | integrated (LED) | 105x90 mm    | 30 mm        | 12/24 V | 10.90 |
| 611 721  | Side marker light     | integrated       | 102x44x10 mm | 70 mm        | 12 V    | 5.90  |
| 611 731  | Side marker light     | integrated       | 102x44x10 mm | 70 mm        | 24 V    | 6.30  |
| 611 741  | Side marker light     | without bulbs    | 110x42x24 mm | 45 mm        |         | 4.10  |

### Number plate lights



| Code no. | Description        | Version   | Illuminants        | Dimensions  | Hole picture | EUR  |
|----------|--------------------|-----------|--------------------|-------------|--------------|------|
| 611 673  | Number plate light | screwable | bulbs not included | 90x40x45 mm | 45 mm        | 3.80 |

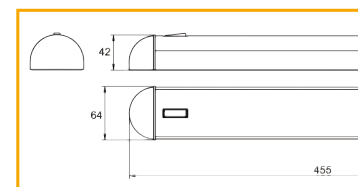
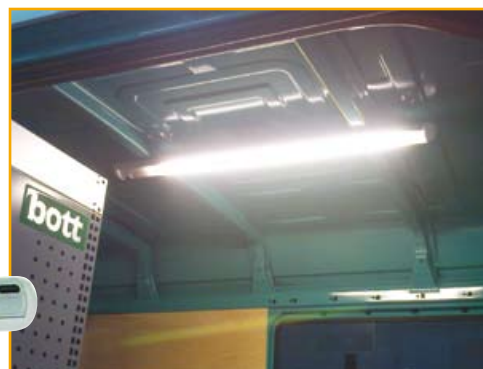
### Reflectors



| Code no. | Description                | Version       | Dimensions   | Hole picture | EUR  |
|----------|----------------------------|---------------|--------------|--------------|------|
| 611 611  | Triangular reflector       | screw mount   | 135 x 155 mm | 70 mm        | 1.10 |
| 611 621  | Side reflector circular    | self-adhesive | Ø 60 mm      |              | 0.80 |
| 611 631  | Side reflector rectangular | self-adhesive | 94 x 44 mm   |              | 0.80 |

## RESOLUX Longlights

The lamps for quality vehicle construction. Suitable for high switching rates as well as for long operating times. Stable aluminium housing, powder-coated, robust polycarbonate lens. Shockproof. Version with switch.



| Code no.  | Description            | Length  | Power | Voltage | Light emitting efficiency | EUR   |
|-----------|------------------------|---------|-------|---------|---------------------------|-------|
| 130 106   | RESOLUX 723            | 455 mm  | 8 W   | 12 V    | 55 Lm/W                   | 38.00 |
| 130 156   | RESOLUX 723            | 455 mm  | 8 W   | 24 V    | 55 Lm/W                   | 38.00 |
| 130 206   | RESOLUX 724            | 685 mm  | 13 W  | 12 V    | 73 Lm/W                   | 44.00 |
| 130 256   | RESOLUX 724            | 685 mm  | 13 W  | 24 V    | 73 Lm/W                   | 44.00 |
| 130 306   | RESOLUX 732            | 1050 mm | 21 W  | 12 V    | 101 Lm/W                  | 77.00 |
| 130 356   | RESOLUX 732            | 1050 mm | 21 W  | 24 V    | 101 Lm/W                  | 77.00 |
| 130 406   | RESOLUX 751            | 425 mm  | 18 W  | 12 V    | 96 Lm/W                   | 59.00 |
| 130 456   | RESOLUX 751            | 425 mm  | 18 W  | 24 V    | 96 Lm/W                   | 59.00 |
| 830 901BE | Electric rocker switch |         |       | 12 V    |                           | 14.50 |
| 830 891BE | Electric rocker switch |         |       | 24 V    |                           | 14.50 |



**NEW**

## LED interior lighting

LED light strips for vehicle interiors. Bright light despite low current draw. High performance LEDs with 50,000 hours life. Easy to install thanks to a self-adhesive version.



| Code no. | Description           | Length  | Voltage | Current consumption | Assembly      | EUR    |
|----------|-----------------------|---------|---------|---------------------|---------------|--------|
| 424 445  | LED interior lighting | 500 mm  | 12 V    | 0,14 A              | self-adhesive | 79.00  |
| 424 455  | LED interior lighting | 500 mm  | 24 V    | 0,14 A              | self-adhesive | 79.00  |
| 424 485  | LED interior lighting | 1000 mm | 12 V    | 0,24 A              | self-adhesive | 109.00 |
| 424 495  | LED interior lighting | 1000 mm | 24 V    | 0,28 A              | self-adhesive | 109.00 |



## POWERSTART power packs

Extremely tough housing, hi-tech accumulators without memory effect, extra long connecting cable, fully-insulated clamps. Acoustic polarity alarm when wrongly connected, peak voltage protection.

PS 510/PS 700: Incl. regulated automatic charger and 12 volt charging cable.

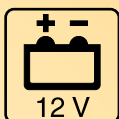
PS 800: double capacity due to 2 accumulators, incl. regulated automatic charger. Please order 12 V charging cable separately.



117 155



117 275



European mains charger for PS 510/700/800

Incl. 12V charging cable for PS 510/700



Accessory: 12 V charging cable for cigarette lighter



117 205

|           | 12 Volt | 12 Volt / Diesel | 12 Volt / 3,5 to | 24 Volt / 7,5 to | 24 Volt |
|-----------|---------|------------------|------------------|------------------|---------|
| PS-510    | ✓       |                  |                  |                  |         |
| PS-700    | ✓       | ✓                | ✓                |                  |         |
| 2x PS-700 |         |                  |                  | ✓                |         |
| PS-800    | ✓       | ✓                | ✓                |                  |         |
| PS-1224   | ✓       | ✓                | ✓                | ✓                |         |
| PS-1224HD | ✓       | ✓                | ✓                | ✓                | ✓       |

| Code no. | Description                           | Dimensions               | Voltage | Maximum Power | Cranking amps | Weight | EUR    | from 3 pc. EUR | from 5 pc. EUR |
|----------|---------------------------------------|--------------------------|---------|---------------|---------------|--------|--------|----------------|----------------|
| 117 155  | Power pack PS-510                     | W 365 x H 315 x D 120 mm | 12 V    | 1200 A        | 510 A         | 12 kg  | 225.00 | 215.00         | 210.00         |
| 117 205  | Power pack PS-700                     | W 365 x H 315 x D 120 mm | 12 V    | 1600 A        | 700 A         | 12 kg  | 320.00 | 310.00         | 299.00         |
| 117 275  | Power pack PS 800                     | W 400 x H 290 x D 200 mm | 12 V    | 2400 A        | 800 A         | 18 kg  | 499.00 |                |                |
| 117 905  | Charging cable for PS 800/1224/1224HD |                          | 12 V    |               |               |        | 49.00  |                |                |

## POWERSTART power pack 12/24 volt

With all advantages of the Power Start series; additional equipment: length of cable 1.7m, switchable from 12 to 24 volt. Incl. automatic charger 230 V (if the accumulator is full it switches to conservation charging). Charging cable for cigarette lighter can be ordered separately.



117 355



117 405

- Charge socket 230 V / 12 V
- LED lamps show state of charge
- switchable between 12 and 24 V
- 12 V appliance socket



Charging only possible in "off" position



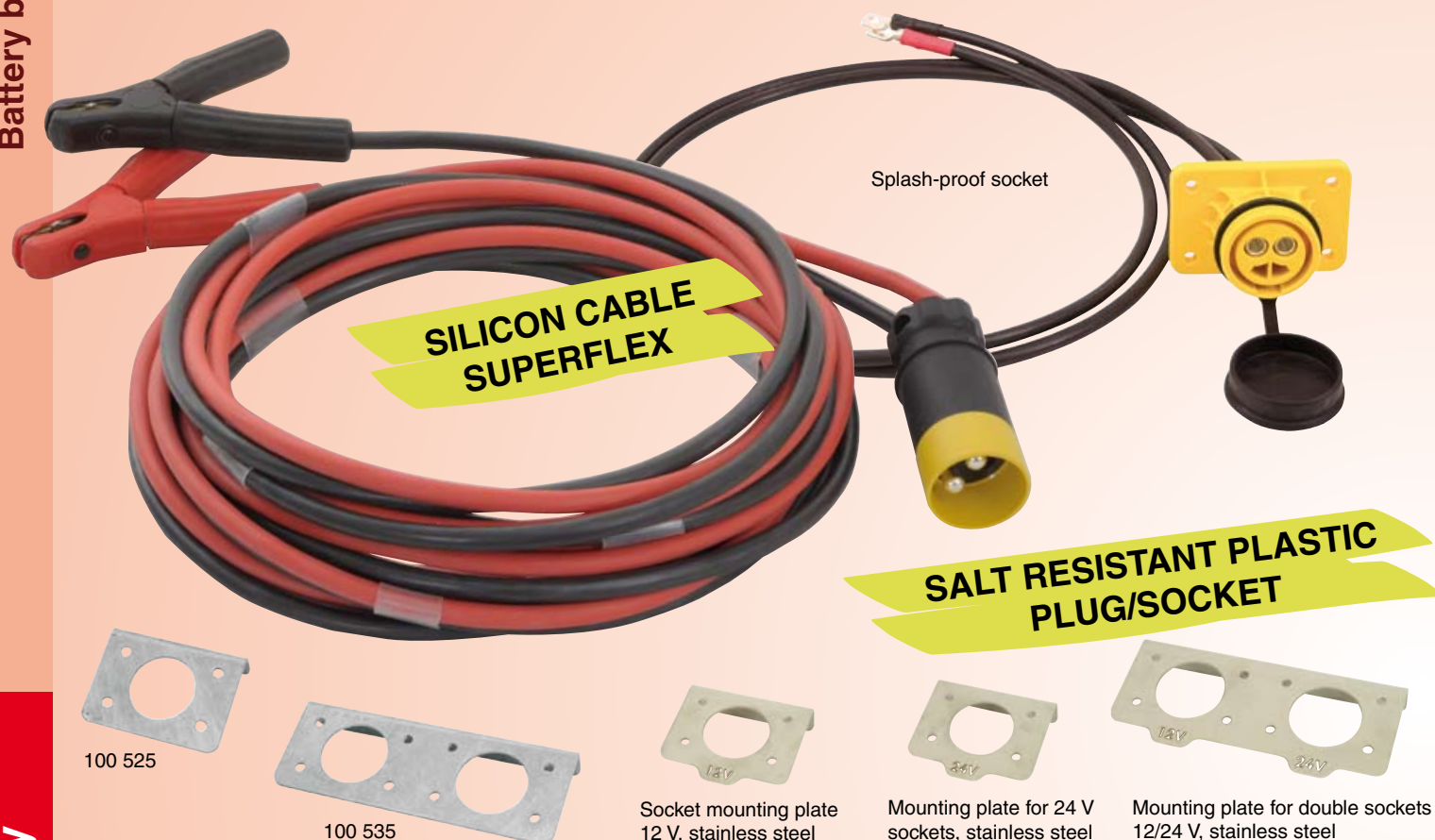
Accessory: trolley



| Code no. | Description                           | Dimensions               | Voltage | Maximum Power | Cranking amps | Weight | EUR      |
|----------|---------------------------------------|--------------------------|---------|---------------|---------------|--------|----------|
| 117 355  | Power pack PS-1224                    | W 290 x H 400 x D 200 mm | 12/24 V | 3500 A (12 V) | 700 A         | 18 kg  | 770.00   |
| 117 405  | Power pack PS-1224 HD                 | W 310 x H 520 x D 190 mm | 12/24 V | 3500 A (24 V) | 2500/1100 A   | 29 kg  | 1,250.00 |
| 117 905  | Charging cable for PS 800/1224/1224HD |                          | 12 V    |               |               |        | 49.00    |
| 117 805  | Trolley                               |                          |         |               |               |        | 75.00    |

## Professional battery booster system "new generation"

- quick, safe and reliable jump-starting
- 35mm<sup>2</sup> silicon-copper cable, highly flexible even in extreme temperatures
- plug and socket made of tough salt-resistant plastic
- the ready for use system consists of:
  - 1x 7m long jump start cable with plug and fully-insulated clamps up to 600 Ah
  - 1x 1.5m long battery cable with socket and 8mm cable lugs
- tip: enable 12 and 24V by installing a second socket



100 525

100 535

Socket mounting plate  
12 V, stainless steelMounting plate for 24 V  
sockets, stainless steelMounting plate for double sockets  
12/24 V, stainless steel

| Code no. | Description  | EUR    |
|----------|--|--------|
| 104 405  | Battery booster system (jump leads and socket)                           | 189.00 |
| 104 455  | Additional yellow plastic socket with 1.5 m cable and cable lugs         | 64.00  |
| 104 415  | Battery booster cable (spare part), 7 m cable, yellow/black plastic plug | 139.00 |
| 100 545  | Running metre cable for special lengths (ready to install)               | 12.50  |

| Code no. | Description  | EUR   |
|----------|--|-------|
| 100 525  | Mounting bracket for socket, made of 3 mm steel plate, galvanised    | 9.80  |
| 100 535  | Mounting bracket for 2 sockets, made of 3 mm steel plate, galvanised | 15.50 |
| 100 445  | Stainless steel mounting bracket for 12 V sockets                    | 9.80  |
| 100 455  | Stainless steel mounting bracket for 24V sockets                     | 9.80  |
| 100 435  | Mounting bracket for two 12/24 V stainless steel sockets             | 15.50 |

## Plastic sockets and plugs

These 2-pin connectors are especially made for battery booster systems. The socket has a rubber cap. Suitable for 35 mm<sup>2</sup> cable.



104 505

104 495

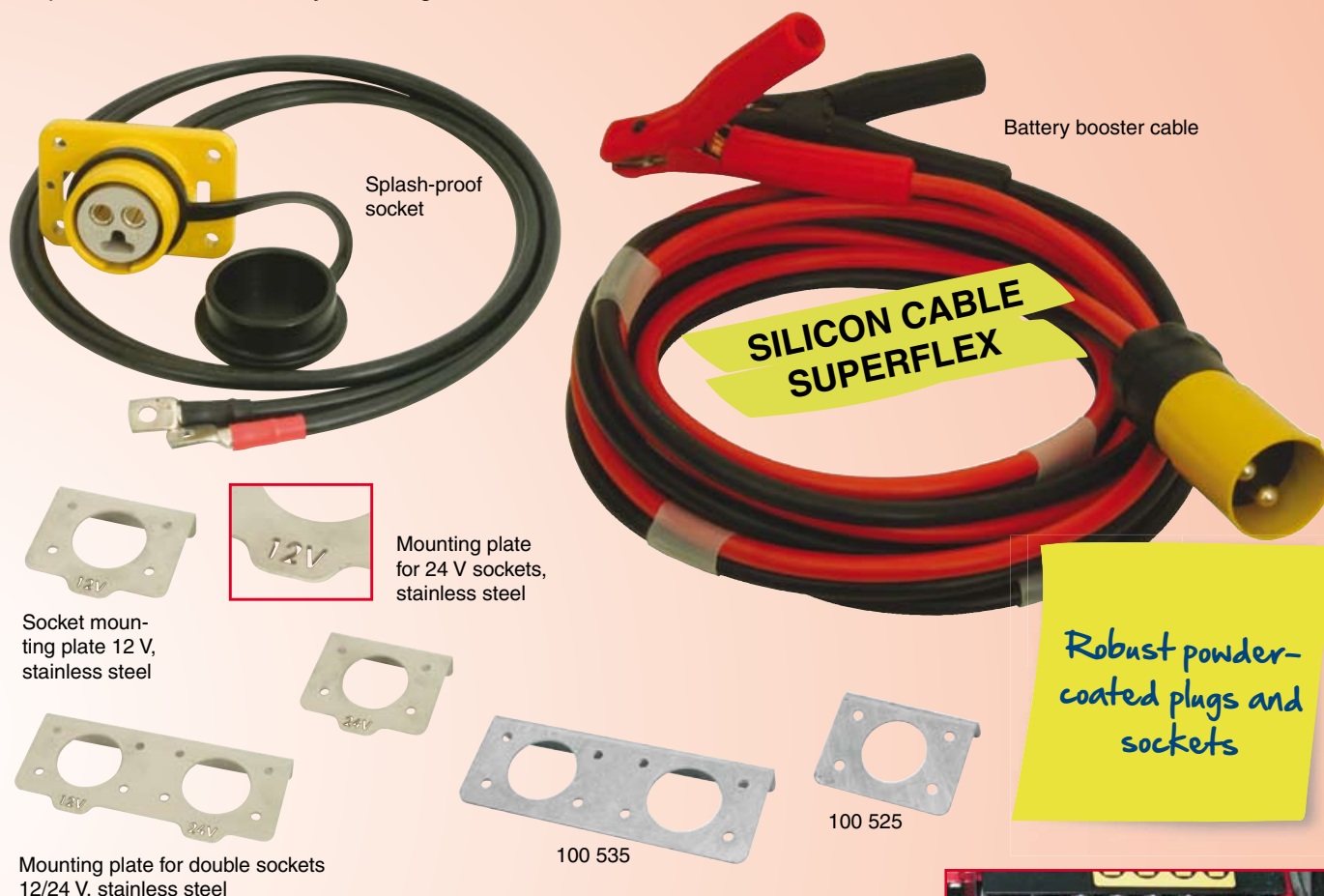
104 525

| Code no. | Description                         | Version | EUR   |
|----------|-------------------------------------|---------|-------|
| 104 525  | Plastic socket, yellow, incl. cover | 2-pole  | 29.00 |
| 104 495  | Plastic plug, yellow/black          | 2-pole  | 24.00 |
| 104 505  | Rubber cap                          |         | 9.00  |



## Professional battery booster system

- quick, safe and reliable jump-starting
- 35mm<sup>2</sup> silicon-copper cable, highly flexible even in extreme temperatures
- plug and socket made of tough powder-coated aluminium
- the ready for use system consists of:
  - 1x 7m long jump start cable with plug and fully-insulated clamps up to 600 Ah
  - 1x 1.5m long battery cable with socket and 8mm cable lugs
- tip: enable 12 and 24V by installing a second socket



| Code no. | Description  | EUR    |
|----------|--|--------|
| 100 405  | Battery booster system (jump leads and socket)             | 199.00 |
| 100 475  | Additional socket with 1.5 m cable and cable lugs          | 74.00  |
| 100 415  | Battery booster cable (spare part) 7m with yellow socket   | 139.00 |
| 100 545  | Running metre cable for special lengths (ready to install) | 12.50  |



| Code no. | Description  | EUR   |
|----------|--|-------|
| 100 525  | Mounting bracket for socket, made of 3 mm steel plate, galvanised    | 9.80  |
| 100 535  | Mounting bracket for 2 sockets, made of 3 mm steel plate, galvanised | 15.50 |
| 100 445  | Stainless steel mounting bracket for 12 V sockets                    | 9.80  |
| 100 455  | Stainless steel mounting bracket for 24V sockets                     | 9.80  |
| 100 435  | Mounting bracket for two 12/24 V stainless steel sockets             | 15.50 |

## Aluminium sockets and plugs

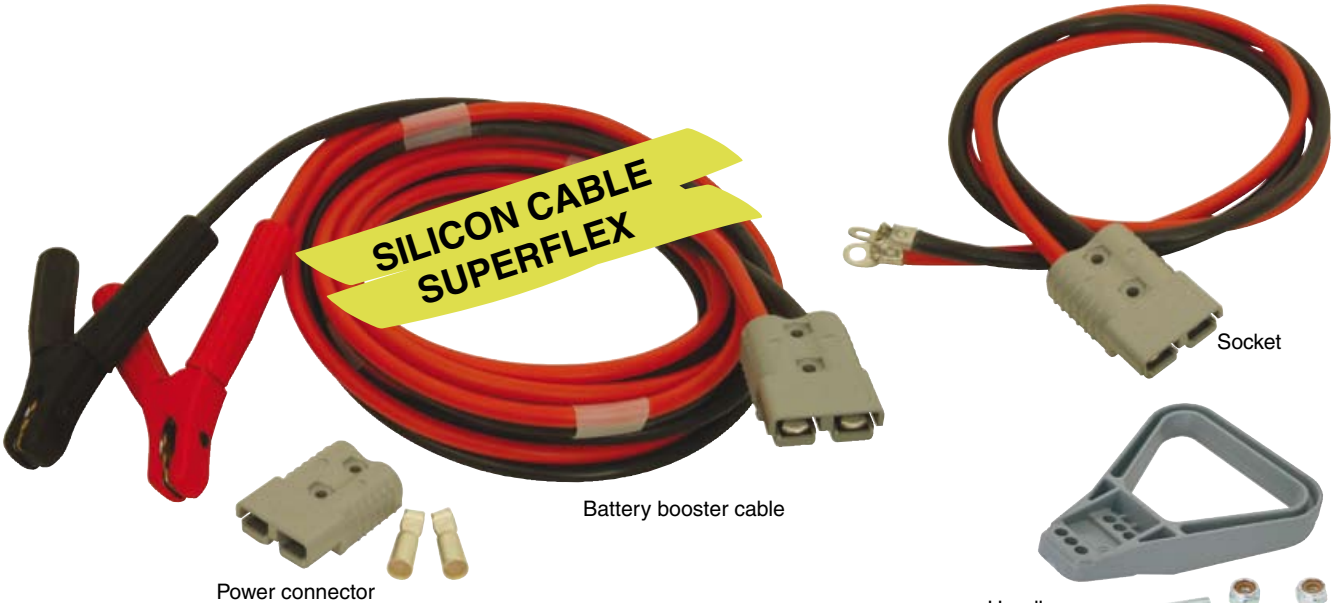
These 2-pin connectors are especially made for battery booster systems. The socket has a rubber cap. Suitable for 35 mm<sup>2</sup> cable.

| Code no. | Description               | Version | EUR   |
|----------|---------------------------|---------|-------|
| 100 485  | Socket, yellow, incl. cap | 2-pole  | 39.00 |
| 100 495  | Plug, yellow              | 2-pole  | 24.00 |
| 100 505  | Rubber cap                |         | 12.50 |



Battery booster cable

The ProLux jump lead kit guarantees a quick, certain and reliable jump start. The 35 mm<sup>2</sup> cable is coated with highly flexible silicon. The kit is ready to be installed and contains the following components: battery booster cable 5 m x 35 mm<sup>2</sup>, power connector, all-insulated crocs up to 600 Ah, socket for installation with 1.5 m cable 35 mm<sup>2</sup> incl. 8 mm lugs. To ensure the use of both 12 V and 24 V, we recommend the use of a second socket.



| Code no. | Description  | EUR    |
|----------|--|--------|
| 101 405  | Battery booster kit (jump leads and power connector)       | 122.00 |
| 101 475  | Additional socket with 1.5 m cable and lugs                | 39.00  |
| 101 415  | Battery booster cable 5 m (spare part)                     | 90.00  |
| 101 545  | Running metre cable for special lengths (ready to install) | 12.50  |
| 101 505  | Power connector, grey                                      | 12.50  |
| 101 525  | Handle for power connector                                 | 8.00   |
| 101 515  | Protective cap for socket                                  | 14.50  |



Engraved plates, ca. 4 x 3 cm

DIY jump leads

Plugs and clamps can be easily screwed on the cables, enabling you to define the length and specification of your battery booster cables yourself. Use lugs on the sockets.

| Code no. | Description                                   | EUR   |
|----------|---|-------|
| 103 005  | Twin cable 35 mm <sup>2</sup> (running metre) | 15.90 |
| 103 105  | Angled croc, red                              | 9.90  |
| 103 125  | Angled croc, black                            | 9.90  |
| 103 215  | Socket 24 volt                                | 14.90 |
| 103 265  | Socket 12 volt                                | 14.90 |
| 103 285  | Socket earth                                  | 14.90 |
| 103 305  | Single-pole plug, black (piece)               | 7.90  |
| 103 405  | Engraved plate 12 volt                        | 3.50  |
| 103 425  | Engraved plate 24 volt                        | 3.50  |
| 103 445  | Engraved plate NEG for negative pole          | 3.50  |
| 673 505  | 8 mm cable lug for 35 mm <sup>2</sup> cable   | 1.00  |



## Voltage transformer 24/12 V

The simplest and cheapest way to operate various 12 V appliances in a 24 V vehicle. Universally suitable for the supply of communication devices, radios, lights, motors, displays etc.



Ideal for:  
Radio/GSM/CB  
Fans  
TFT-Displays  
Cool boxes  
Lighting

| Code no. | Description                | Power | Voltage | EUR   |
|----------|----------------------------|-------|---------|-------|
| 109 415  | Voltage transformer linear | 0.5 A | 24/12 V | 25.00 |
| 109 435  | Voltage transformer linear | 3-4 A | 24/12 V | 32.90 |
| 109 455  | Voltage transformer linear | 5 A   | 24/12 V | 45.00 |
| 109 505  | Voltage transformer linear | 7.5 A | 24/12 V | 59.90 |
| 109 525  | Voltage transformer linear | 10 A  | 24/12 V | 69.90 |
| 109 575  | Voltage transformer linear | 20 A  | 24/12 V | 84.50 |

## 2-channel voltage transformer 24/12 V

These transformers are especially suitable for the installation of 12 V multimedia and navigation systems in 24 V vehicles. Thanks to 2 independent channels it is possible to forward required 12 V impulses to a navigation system, for example.



Ideal for:  
Navigation  
Multimedia

| Code no. | Description                | Power     | Voltage | EUR   |
|----------|----------------------------|-----------|---------|-------|
| 109 485  | Voltage transformer linear | 7 + 0.5 A | 24/12 V | 54.00 |
| 109 585  | Voltage transformer linear | 5 + 3 A   | 24/12 V | 79.00 |



## Voltage reducer

With a voltage reducer you can easily connect a 12 V trailer to your 24 V HGV.

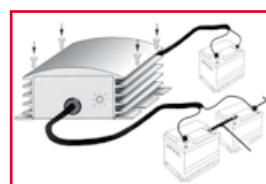
| Code no. | Description     | Power               | Voltage | EUR    |
|----------|-----------------|---------------------|---------|--------|
| 100 613  | Voltage reducer | 4 x 50 W + 2 x 21 W | 24/12 V | 149.90 |



100 613

## Voltage doubler 12 V to 2 4V

For charging 24 V jump start batteries with a 12 V generator, or to operate 24 V appliances in a 12 V vehicle.



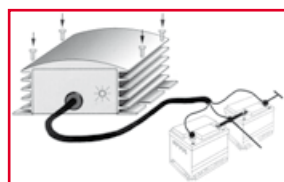
| Code no. | Description     | Power | Voltage | EUR   |
|----------|-----------------|-------|---------|-------|
| 100 783  | Voltage doubler | 10 A  | 12/24 V | 89.90 |



100 783

## Load compensation unit

This load compensation unit checks the voltage on both batteries. If the earthside battery has a lower voltage than it's opposite, the unit kicks in and compensates. This means a 12 volt starting system can be directly connected to the earthside battery. Due to the compensation enabled by the unit, both batteries last longer.



100 727

USEFUL



| Code no. | Description                                  | Equalising current | Voltage | EUR    |
|----------|--|--------------------|---------|--------|
| 100 727  | Load compensation unit for starter batteries | 8 A                | 24 V    | 111.00 |

## Wireless switches

Wireless switch to activate and deactivate additional functions, e.g. work lamps, beacons, lightbars, additional headlights etc. Included in delivery: radio remote control, keycode, receiver, pre-assembled cable kit, installation material and assembly instructions.



incl. radio remote control



| Code no. | Description     | Voltage | EUR   |
|----------|-----------------|---------|-------|
| 106 116  | Wireless switch | 12 V    | 81.00 |
| 106 166  | Wireless switch | 24 V    | 95.00 |

## Cut-off relays

Cut-off relay with rubber caps



Battery cut-off relay for turning off high power energy consumers such as electric winches etc. via remote control. Also suitable as emergency stop button for electric winches with various radio remote controls. Permanently loadable up to 250 A.

| Code no. | Description                | Voltage | EUR   |
|----------|----------------------------|---------|-------|
| 125 365  | Cut-off relay up to 2400 A | 12 V    | 98.00 |
| 125 375  | Cut-off relay up to 2400 A | 24 V    | 98.00 |

## Isolators

For battery or ignition current. Prevents cable fires and battery discharge. Switchable between + or - circuit. Key removable in "off" position, power interruption. 2 screw connections.



| Code no. | Description | Max. charge   | EUR   |
|----------|-------------|---------------|-------|
| 100 661  | Isolator    | 300 A / 10 s  | 9.50  |
| 100 681  | Isolator    | 1000 A / 10 s | 29.00 |

## Automatic circuit breakers

Automatic circuit breaker with reset function, for use with high currents e.g. electric winches, invertors etc. No searching anymore to find out which fuse is burnt out, and no costs for replacement. After an overload situation, just flick the switch and continue working immediately! Suitable for cables up to 35 mm². Please consider the maximum current of the consumer, and where necessary parallel-switch 2 automatic circuit breakers.



| Code no. | Description               | Max. amperage | Voltage | EUR   |
|----------|---------------------------|---------------|---------|-------|
| 125 603  | Automatic circuit breaker | 80 A          | 12/24 V | 29.90 |
| 125 613  | Automatic circuit breaker | 100 A         | 12/24 V | 30.90 |
| 125 623  | Automatic circuit breaker | 150 A         | 12/24 V | 31.90 |
| 125 633  | Automatic circuit breaker | 200 A         | 12/24 V | 32.90 |

## Main fuse boxes

With automatic circuit breaker and completely pre-assembled in a watertight junction box for external mounting. 1m battery connection cable and watertight PG connections. See-through lid allows view of circuit breaker without opening.



| Code no. | Description   | Power | EUR   |
|----------|---------------|-------|-------|
| 125 685  | Main fuse box | 150 A | 89.00 |
| 125 695  | Main fuse box | 200 A | 89.00 |

## Safety fuse

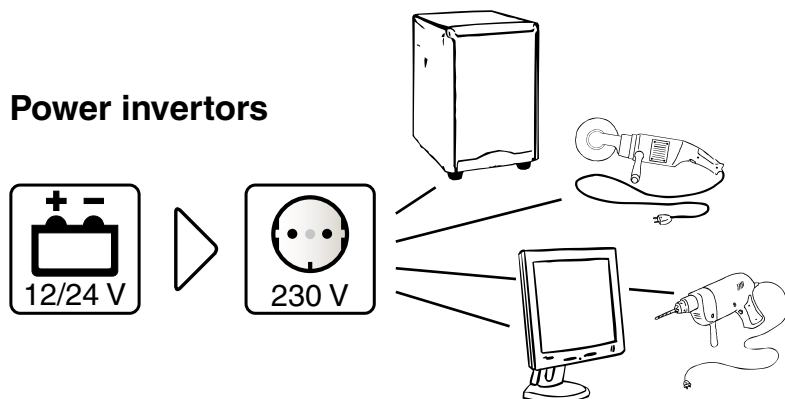
To protect electric winches against overloading



| Code no. | Description                                  | EUR   |
|----------|--|-------|
| 125 403  | Fuse holder for blade type fuses up to 250 A | 24.90 |
| 125 423  | Blade fuse 250 A                             | 9.30  |



## Power invertors



Low voltage cutout prevents your vehicle battery from discharging.  
Long-lasting due to reliable protection against overheating and overload.  
High peak output and continuous power rating.

### Power inverter with USB plug

Now available with USB socket to make charging mobile phones or other appliances with a USB lead simple.

| Code no. | Description                                | Input voltage | EUR   |
|----------|--|---------------|-------|
| 109 925  | Power inverter with USB plug PI 100-12 USB | 12 V          | 59.00 |

### 300/600 watt

Dimensions: L 190 x W 90 x H 80 mm

| Code no. | Description               | Input voltage | EUR   |
|----------|---------------------------|---------------|-------|
| 109 625  | Inverter module 300/600 W | 12 V          | 59.00 |
| 109 725  | Inverter module 300/600 W | 24 V          | 65.00 |

### 600/1500 watt

Dimensions: L 220 x W 200 x H 70 mm

| Code no. | Description                | Input voltage | EUR    |
|----------|----------------------------|---------------|--------|
| 109 655  | Inverter module 600/1500 W | 12 V          | 99.00  |
| 109 755  | Inverter module 600/1500 W | 24 V          | 109.00 |

### 1000/2000 watt

Dimensions: L 320 x W 250 x H 90 mm

| Code no. | Description                 | Input voltage | EUR    |
|----------|-----------------------------|---------------|--------|
| 109 675  | Inverter module 1000/2000 W | 12 V          | 209.00 |
| 109 775  | Inverter module 1000/2000 W | 24 V          | 219.00 |

### 2500/5000 watt

Dimensions: L 430 x W 210 x H 159 mm

| Code no. | Description                | Input voltage | EUR    |
|----------|----------------------------|---------------|--------|
| 109 895  | Inverter module 2500/5000W | 24 V          | 659.00 |

| Code no. | Sustained power | Input voltage | Maximum power | Standby | Electric current requirement | Weight  | EUR    |
|----------|-----------------|---------------|---------------|---------|------------------------------|---------|--------|
| 109 925  | 100 W           | 12 V          | 200 W /25 ms  | 0.25 A  | 15 A                         | 0.48 kg | 59.00  |
| 109 625  | 300 W           | 12 V          | 600 W /25 ms  | 0.36 A  | 30 A                         | 1.1 kg  | 59.00  |
| 109 725  | 300 W           | 24 V          | 600 W /25 ms  | 0.2 A   | 16 A                         | 1.1 kg  | 65.00  |
| 109 655  | 600 W           | 12 V          | 1500 W /25 ms | 0.45 A  | 60 A                         | 2.1 kg  | 99.00  |
| 109 755  | 600 W           | 24 V          | 1500 W /25 ms | 0.4 A   | 30 A                         | 2.1 kg  | 109.00 |
| 109 675  | 1000 W          | 12 V          | 2000 W /25 ms | 0.4 A   | 110 A                        | 3.3 kg  | 209.00 |
| 109 775  | 1000 W          | 24 V          | 2000 W /25 ms | 0.2 A   | 55 A                         | 3.3 kg  | 219.00 |
| 109 895  | 2500 W          | 24 V          | 5000 W /25 ms | 0.3 A   | 95 A                         | 8.7 kg  | 659.00 |



109 925, Ø 65 mm  
Ideal for chargers from mobile phones, laptops etc.



## Plugs and sockets



Extension cable



Double adapter



Adapter cable



Triple socket



Small mounting socket

| Code no. | Description                        | Ø       | EUR   |
|----------|------------------------------------|---------|-------|
| 349 005  | Extension cable (3 m spiral cable) | 23.5 mm | 12.90 |
| 349 105  | Double adapter                     | 23.5 mm | 14.50 |
| 102 355  | Adapter cable                      | 23.5 mm | 8.90  |
| 349 205  | Triple socket for small plugs      | 18.0 mm | 8.90  |
| 349 305  | Plug with adapter large/small      |         | 5.00  |
| 349 405  | Large socket                       | 23.5 mm | 9.80  |
| 349 505  | Small socket                       | 18.0 mm | 7.70  |
| 350 998  | Small mounting socket              | 18.0 mm | 4.30  |



Plug with adapter



Large socket



Small socket

## Spiral cables

Ensures the electric power supply to semi-trailers. GGVS and ADR approved. Working length 4 m.



104 122



104 081



104 091

104 101 +  
104 111

103 485



104 075

104 011  
104 021

104 511

| Code no. | Description                               | Version             | ISO   | Poles | Coil Ø | EUR    |
|----------|---|---------------------|-------|-------|--------|--------|
| 104 011  | Spiral cable                              | Rear lights         | 12098 | 15    | 40 mm  | 79.00  |
| 104 021  | Spiral cable                              | ABS/EBS             | 7638  | 7     | 40 mm  | 59.00  |
| 104 081  | Spiral cable                              | Rear lights         | 12098 | 15    | 110 mm | 87.50  |
| 104 122  | NATO Susie 2x35 mm <sup>2</sup> , 4 m     | screwed ring        |       |       |        | 298.00 |
| 104 091  | Plug (screw connections)                  | Rear lights         | 12098 | 15    |        | 19.00  |
| 104 101  | Socket (screw connections)                | Rear lights         | 12098 | 15    |        | 19.90  |
| 104 111  | Socket (screw connections)                | ABS/EBS             | 7638  | 7     |        | 19.00  |
| 104 511  | Parking socket                            | Rear lights/ABS/EBS |       |       |        | 9.00   |
| 103 485  | NATO socket, black                        | screw version       |       |       |        | 39.90  |
| 104 075  | NATO socket, black with 4m cable and lugs | screw version       |       |       |        | 103.00 |

## Jump leads/booster cables

Pre-assembled booster cables with fully insulated clamps.



103 905

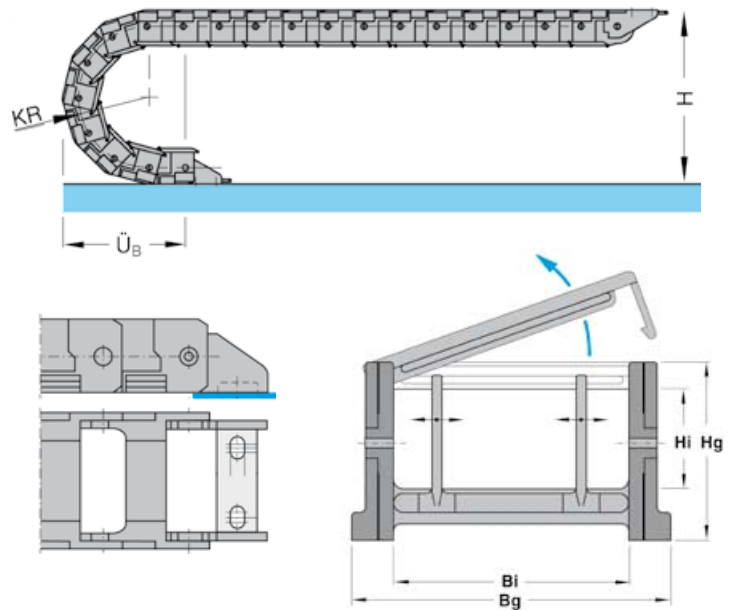
103 955  
103 995103 955 + 103 995 incl.  
protective bag

| Code no. | Description               | Cable length | Cross section      | Max. amperage | EUR   |
|----------|---------------------------|--------------|--------------------|---------------|-------|
| 103 905  | Jump leads/booster cables | 3.5 m        | 25 mm <sup>2</sup> | 350 A         | 35.90 |
| 103 955  | Jump leads/booster cables | 4.5 m        | 35 mm <sup>2</sup> | 700 A         | 59.90 |
| 103 995  | Jump leads/booster cables | 5.0 m        | 50 mm <sup>2</sup> | 850 A         | 79.90 |



## Power track chains

High-quality power track chains from ProLux are favoured by OEMs. They are characterised by their robust but simple design. The single links can be opened individually so that it is possible to add cables and hoses later.



| Code no. | Type      | Bg     | Bi     | Hg    | Hi    | KR    | ÜB     | H      | EUR/m |
|----------|-----------|--------|--------|-------|-------|-------|--------|--------|-------|
| 120 001  | 320.41/37 | 35 mm  | 24 mm  | 25 mm | 16 mm | 37 mm | 114 mm | 100 mm | 39.00 |
| 120 101  | 450.21/52 | 54 mm  | 38 mm  | 40 mm | 24 mm | 52 mm | 162 mm | 144 mm | 56.00 |
| 120 201  | 450.41/52 | 74 mm  | 58 mm  | 40 mm | 24 mm | 52 mm | 162 mm | 144 mm | 57.00 |
| 120 301  | 450.61/52 | 94 mm  | 78 mm  | 40 mm | 24 mm | 52 mm | 162 mm | 144 mm | 58.00 |
| 120 401  | 625.23/90 | 93 mm  | 65 mm  | 62 mm | 34 mm | 90 mm | 180 mm | 236 mm | 70.00 |
| 120 501  | 625.43/90 | 136 mm | 108 mm | 62 mm | 34 mm | 90 mm | 180 mm | 236 mm | 75.00 |
| 120 601  | 625.65/90 | 178 mm | 150 mm | 62 mm | 42 mm | 90 mm | 180 mm | 236 mm | 85.00 |
| 120 701  | 625.75/90 | 197 mm | 169 mm | 62 mm | 42 mm | 90 mm | 180 mm | 236 mm | 87.00 |

| Code no.   | Description   | EUR/set |
|------------|---|---------|
| 120 011    | Connection angle for type 320 (set for both sides)            | 6.50    |
| 120 111-21 | Steel connecting bracket for type 450.21 (set for both sides) | 19.90   |
| 120 111-41 | Steel connecting bracket for type 450.41 (set for both sides) | 19.90   |
| 120 111-61 | Steel connecting bracket for type 450.61 (set for both sides) | 19.90   |
| 120 411    | Steel connecting bracket for type 625 (set for both sides)    | 19.90   |

### Mini-adapter 13-pin to 7-pin passenger car

To connect a 13-pin vehicle socket with a 7-pin trailer plug.

| Code no. | Description                  | EUR  | from 10 pc. EUR |
|----------|------------------------------|------|-----------------|
| 100 625  | Mini-adapter 13-pin to 7-pin | 6.90 | 5.90            |



### Mini-adapter 7-pin to 13-pin passenger car

To connect a 7-pin vehicle socket with a 13-pin trailer plug.

| Code no. | Description                         | EUR   |
|----------|-------------------------------------|-------|
| 100 585  | Mini-adapter 7-pin car / 13-pin car | 12.90 |



### 15-pin to 2 x 7-pin HGV

To connect a 15-pin vehicle socket with two 7-pin trailer plugs 24 volt.

| Code no. | Description                        | EUR   |
|----------|------------------------------------|-------|
| 100 657  | Short adapter, 15-pin to 2 x 7-pin | 39.90 |



### Voltage reducing adaptor

With these compact voltage reducing adaptors you can connect your 24 V HGV to a 12 V trailer. CAN-bus capable.

**24 VOLT TO 12 VOLT**

#### 7-pin passenger car to 7-pin passenger car



| Code no. | Description  | Voltage | EUR    |
|----------|--|---------|--------|
| 100 632  | Voltage reducing adapter 7-pin passenger car/7-pin passenger car | 24/12 V | 144.00 |

#### 7-pin HGV to 7-pin passenger car



| Code no. | Description  | Voltage | EUR    |
|----------|--|---------|--------|
| 100 642  | Voltage reducing adapter 7-pin HGV/7-pin passenger car | 24/12 V | 144.00 |

24 VOLT TO 12 VOLT

## Voltage reducing adaptor

## 7-pin HGV to 13-pin passenger car



| Code no. | Description   | Voltage | EUR    |
|----------|---|---------|--------|
| 100 652  | Voltage reducing adapter 7-pin HGV/13-pin passenger car | 24/12 V | 149.00 |

## 15-pin HGV to 7-pin passenger car



| Code no. | Description   | Voltage | EUR    |
|----------|---|---------|--------|
| 100 662  | Voltage reducing adapter 15-pin HGV/7-pin passenger car | 24/12 V | 179.00 |

## 15-pin HGV to 13-pin passenger car



| Code no. | Description  | Voltage | EUR    |
|----------|--|---------|--------|
| 100 672  | Voltage reducing adapter 15-pin HGV/13-pin passenger car | 24/12 V | 189.00 |

## 13-pin HGV to 7-pin passenger car



| Code no. | Description  | Voltage | EUR    |
|----------|--|---------|--------|
| 100 692  | Voltage reducing adapter 13-pin HGV to 7-pin passenger car | 24/12 V | 189.00 |

## 13-pin passenger car to 13-pin passenger car



| Code no. | Description  | Voltage | EUR    |
|----------|--|---------|--------|
| 100 552  | Voltage reducing adapter 13-pin passenger car/13-pin passenger car | 24/12 V | 159.00 |




**NEW**

## High-frequency battery charger MXTS 70

Our premium CTEK charger with the tried and trusted CTEK technology for professionals. Additional features: serves 12V and 24V batteries, four LED displays for charge status, charge voltage, current charge time (h) and energy indication (Ah), selectable modes for optimal battery size adaptation. No problems when flashing the vehicle electronic system thanks to selectable power supply mode for constant voltage output of 13.6V (max. 70A) or 27.2V (max. 35A). The unit has a heavy duty aluminium housing, is non-sparking, reverse polarity protected and short-circuit proof.

Ideal for  
vehicle  
electronic  
software  
flashes

| Code no. | Description | Voltage | Ladestrom | Spannung   | EUR    |
|----------|-------------|---------|-----------|------------|--------|
| 101 995  | MXTS 70     | 12/24 V | 10 - 50 A | 12/24 Volt | 995.00 |



## Workshop battery charger 12/24 V

Mobile battery charger with jump-start function, equipped with amperemeter, automatic thermo protection, switch to adjust charging current and clock timer for quick charging. Reverse-polarity and short circuit protection. This device is equipped with CPS (Car Protection System) to protect electronic vehicle components during jump-starts. Voltage surges are avoided. When the engine is started, the device turns off automatically. The charger is suitable for passenger cars, medium-load HGV's and agricultural vehicles. Length of cable 2.5 m.



118 007,  
W 350 x H 630 x D 230 mm

| Code no. | Description              | Rated input | Charging current | Voltage | Cranking amps | Weight | EUR    |
|----------|--------------------------|-------------|------------------|---------|---------------|--------|--------|
| 118 007  | Workshop battery charger | 1400 W      | 50 A             | 12/24 V | 550 A         | 30 kg  | 429.00 |

## Electric rocker switches

For 12 volt and 24 volt, with symbol lighting.



| Code no.  | Description                  | Motif                | Colour | Voltage | EUR   |
|-----------|------------------------------|----------------------|--------|---------|-------|
| 830 901NE | Electric rocker switch       | NE - neutral         | Yellow | 12 V    | 14.50 |
| 830 891NE | Electric rocker switch       | NE - neutral         | Yellow | 24 V    | 14.50 |
| 830 901NA | Electric rocker switch       | NA - Power takeoff   | Green  | 12 V    | 14.50 |
| 830 891NA | Electric rocker switch       | NA - Power takeoff   | Green  | 24 V    | 14.50 |
| 830 901AS | Electric rocker switch       | AS - work lamps rear | Yellow | 12 V    | 14.50 |
| 830 891AS | Electric rocker switch       | AS - work lamps rear | Yellow | 24 V    | 14.50 |
| 830 901BE | Electric rocker switch       | BE - interior light  | Green  | 12 V    | 14.50 |
| 830 891BE | Electric rocker switch       | BE - interior light  | Green  | 24 V    | 14.50 |
| 830 901RU | Electric rocker switch       | RU - beacon          | Yellow | 12 V    | 14.50 |
| 830 891RU | Electric rocker switch       | RU - beacon          | Yellow | 24 V    | 14.50 |
| 830 901HO | Electric rocker switch       | HO - horn            | Green  | 12 V    | 14.50 |
| 830 891HO | Electric rocker switch       | HO - horn            | Green  | 24 V    | 14.50 |
| 830 951   | Blind cap                    |                      |        |         | 2.50  |
| 830 911   | Mounting rail for 6 switches |                      |        |         | 4.20  |
| 830 921   | Mounting rail for 3 switches |                      |        |         | 2.90  |

# CTEK high-frequency battery chargers



**NEW**

## Charge and regenerate your batteries

- modern pulse charge technology and charge conservation
- electronics protection
- water-tight, dust-tight (IP 65)
- GS-tested, 5 years warranty (only MXS 4003 + MXS 5.0)
- for open, maintenance-free, AGM, gel, and lead-calcium batteries
- **SUPPLY mode:** unit supplies permanent power e.g. to preserve radio code when changing batteries (not MXS 4003 + MXS 5.0)
- multilevel high-tech battery charging:
  - 1 - sulphate reduction
  - 2 - soft start
  - 3 - main charging
  - 4 - absorbion
  - 5 - analysis prior to steps 6 and 7
  - 6 - recond - reactivation/regeneration
  - 7 - float - performance improvement
  - 8 - pulse charge maintenance



MXS 4003,  
Dimensions: L 165 x H 38 x W 61 mm



MXS 5.0,  
Dimensions: L 165 x H 38 x W 61 mm



MXS 10,  
Dimensions: L 195 x H 50 x W 93 mm

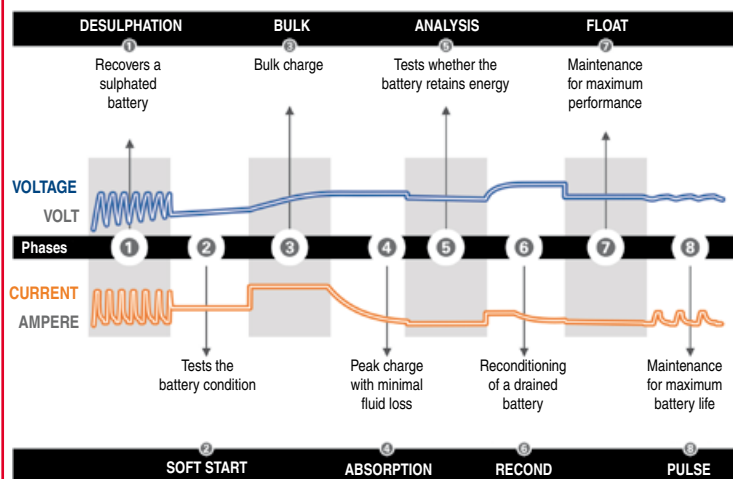


MXT 14,  
Dimensions: L 233 x H 64 x W 128 mm



MXS 25,  
Dimensions: L 320 x H 80 x W 179 mm

## CTEK 8 steps of optimal charging and regeneration of batteries



| Charging time for: | 60 Ah | 100 Ah | 225 Ah |
|--------------------|-------|--------|--------|
| MXS 4003           | 15 h  | 23 h   |        |
| MXS 5.0            | 10 h  | 18 h   |        |
| MXS 10             | 6 h   | 10 h   | 22 h   |
| MXS 25             | 2 h   | 3 h    | 7 h    |
| MXT 14             | 4 h   | 5 h    | 13 h   |

**NEW**



## Charging cable for the cigarette lighter socket

Adapter cable for charging batteries with CTEK units via the cigarette lighter.

| Code no. | Description                                     | Battery cap. | Charging voltage | Charging current | Voltage | EUR    |
|----------|---|--------------|------------------|------------------|---------|--------|
| 101 825  | MXS 4003  | 1.2 - 140 Ah | 14.4/14.7 V      | 0.8/4 A          | 12 V    | 63.00  |
| 101 925  | MXS 5.0   | 10 - 160 Ah  | 14.4/14.7 V      | 5 A              | 12 V    | 67.00  |
| 101 945  | MXS 10  | 20 - 300 Ah  | 14.4/14.7 V      | 10 A             | 12 V    | 142.00 |
| 101 985  | MXT 14  | 28 - 500 Ah  | 28.8 V           | 14 A             | 24 V    | 238.00 |
| 101 955  | MXS 25  | 50 - 500 Ah  | 14.4/14.7 V      | 25 A             | 12 V    | 238.00 |
| 101 755  | Charging cable for the cigarette lighter socket |              |                  |                  |         | 7.40   |



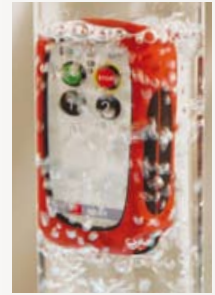


## The all-rounder

Top technology  
Top design  
Top price



**illuminated buttons.**  
Button background lighting automatically activated in darkness via in-built light sensors



**completely waterproof (IP 67)**



**very light and manageable**



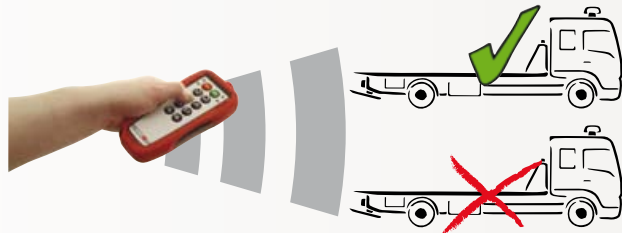
**rugged rubber case**  
(drop-tested from 4m)



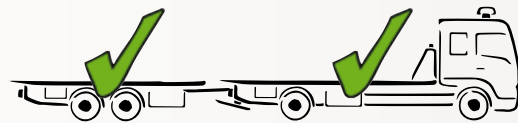
**new transmitters easily programmed**  
with the press of a button



**waterproof**  
specially moulded housing and seal (IP67/ IP65)



**individual coding**  
means no interference.  
32 billion possible codes!



**One transmitter for multiple receivers possible!**

**internationally patented**

### Proportional function

Depress a button and turn wrist (like accelerating a motorbike) to activate a proportional valve. A proportional slide valve is not necessary.

### Fast/slow

press a button and turn wrist to activate 2 different speeds

### Flip Flop

press button = function on  
press button again = function off

### Safety-Point

For safety-relevant functions (i.e. winch free-spool). Function only possible from safety point.



**internationally patented**





set (transmitter/receiver)

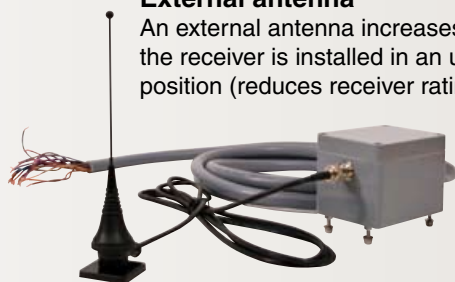


| Code no. | Description | Commands | Emergency stop  | Button symbols   | Band    | Voltage | EUR    |
|----------|-------------|----------|-----------------|------------------|---------|---------|--------|
| 119 001  | EASY 2      | 2        | via stop button | arrows           | 433 MHz | 9-30 V  | 306.00 |
| 119 101  | EASY 4      | 4        | via stop button | arrows           | 433 MHz | 9-30 V  | 330.00 |
| 119 201  | EASY 6      | 6        | via stop button | towing functions | 433 MHz | 9-30 V  | 368.00 |
| 119 211  | EASY 6      | 6        | via stop button | numbers          | 433 MHz | 9-30 V  | 368.00 |
| 119 301  | TREND 8     | 8        | via mushroom    | towing functions | 433 MHz | 9-30 V  | 565.00 |
| 119 311  | TREND 8     | 8        | via mushroom    | numbers          | 433 MHz | 9-30 V  | 565.00 |
| 119 401  | TREND 10    | 10       | via mushroom    | numbers          | 433 MHz | 9-30 V  | 656.00 |
| 119 451  | TREND 12    | 12       | via mushroom    | numbers          | 433 MHz | 9-30 V  | 677.00 |
| 119 501  | TREND 14    | 14       | via mushroom    | numbers          | 433 MHz | 9-30 V  | 696.00 |

Radio remote controls with 16 to 26 functions on request

#### External antenna

An external antenna increases reception if the receiver is installed in an unfavourable position (reduces receiver rating to IP 65).



#### Keypad receiver for Trend

remote control via buttons on receiver. Useful by loss or malfunction of transmitter.



#### External plug connection.

Just pull the plug when exchanging the receiver. No need to rewire.



#### Custom programming

prompt and uncomplicated by ProLux



optional extras:

these options are only possible for new units; existing units cannot be upgraded

| Code no. | Description   | EUR               |
|----------|---|-------------------|
| SP       | Safety-Point (100 x 100mm plate included)                     | 49.00             |
| PF       | Proportional function   | price on request  |
| FF       | Flip Flop   | without surcharge |
| SL       | Fast/slow   | 59.00             |
| DBU      | double function button-activated                              | 118.00            |
| KD       | Custom design (price dependent on configuration and quantity) | price on request  |
| TEE      | Keypad receiver for Easy                                      | price on request  |
| TET      | Keypad receiver for Trend                                     | 48.00             |
| ES       | External plug connection                                      | 46.00             |
| EA       | External antenna incl. 2m antenna wire                        | 68.00             |
| PR       | Special programming   | price on request  |

Technical data see next page



## Technical data remote controls EASY and TREND (see previous pages)

|                                | EASY  | TREND                            |
|--------------------------------|---|----------------------------------|
| <b>functions:</b>              | up to 6 buttons/8 functions:  | up to 14 buttons/20 functions    |
| <b>frequency:</b>              | 433.92 MHz  | 433.92 MHz                       |
| <b>voltage:</b>                | 9-30 volts  | 9-30 volts                       |
| <b>range:</b>                  | ca. 150 metres  | ca. 150 metres                   |
| <b>working temperature:</b>    | - 25° to + 85°  | - 25° to + 85°                   |
| <b>batteries:</b>              | 2 x AAA 1.5 V   | 2 x AA 1.5 V                     |
| <b>operating time:</b>         | ca. 2500 hrs. (button activated)  | ca. 2500 hrs. (button activated) |
| <b>water tightness:</b>        | transmitter and receiver IP67   | transmitter and receiver IP67    |
| <b>LED display for:</b>        | low battery, remote control active, safety point recognised or proportional function on |                                  |
| <b>transmitter dimensions:</b> | 104 x 68 x 27 mm  | 141 x 80 x 39 mm                 |
| <b>receiver dimensions:</b>    | 80 x 75 x 55 mm   | 110 x 75 x 55 mm                 |

## Spare transmitters for ProLux radio remote controls



128 123

### ECO model

| Code no. | Description                       | Commands | Band    | EUR   |
|----------|-----------------------------------|----------|---------|-------|
| 126 123  | Hand-held                         | 2        | 40 MHz  | 63.00 |
| 128 123  | Hand-held                         | 2        | 433 MHz | 86.50 |
| 126 143  | Hand-held                         | 4        | 40 MHz  | 73.50 |
| 128 143  | Hand-held                         | 4        | 433 MHz | 99.00 |
| 129 503  | Transparent cover for transmitter |          |         | 2.80  |

### Digital model



124 325

| Code no. | Description | Commands | Band    | EUR    |
|----------|-------------|----------|---------|--------|
| 124 325  | Hand-held   | 2        | 433 MHz | 159.00 |
| 124 345  | Hand-held   | 4        | 433 MHz | 179.00 |
| 124 245  | Hand-held   | 2        | 868 MHz | 159.00 |
| 124 265  | Hand-held   | 4        | 868 MHz | 179.00 |



123 224

123 284

### Profi-Control model

| Code no. | Description | Commands | Band    | EUR    |
|----------|-------------|----------|---------|--------|
| 123 224  | Hand-held   | 2        | 433 MHz | 155.00 |
| 123 244  | Hand-held   | 4        | 433 MHz | 186.00 |
| 123 264  | Hand-held   | 6        | 433 MHz | 209.00 |
| 123 284  | Hand-held   | 8        | 433 MHz | 238.00 |
| 123 304  | Hand-held   | 10       | 433 MHz | 248.00 |

### Plug 'n' Go model



124 996

124 966

| Code no. | Description | Commands | Band    | EUR    |
|----------|-------------|----------|---------|--------|
| 124 966  | Hand-held   | 2        | 433 MHz | 129.00 |
| 124 996  | Hand-held   | 2        | 433 MHz | 129.00 |

# EASY TO RETROFIT RADIO CONTROL

## Radio control for "Plug 'n' go" winches

Very quick to install industry radio remote control with 2 functions for electric winches. Simplest handling: Secure receiver, connect earth cable, plug into cable remote control, ready! No prior knowledge necessary, ready in seconds!



incl. remote control

*Freedom of movement when loading!*

- Ready to use, with connector for existent winch
- 2 functions, transmitter with manual cutout
- 12/24 volt power supply, 3 m cable
- range 150m, housing waterproof IP 67
- transmitter battery life 2500 hours
- preassembled plug compatible with several winch brands

Connection 3-pin plug  
e.g. for ComeUp winches  
DV 9000 – 15000



Connection 4-pin plug  
e.g. for Ramsey, Vime,  
Superwinch and Warn



Connection 6-pin  
for ComeUp winches  
DV 9/i – DV 15, DS 9/i



| Code no. | Description   | Version         | Voltage | EUR    |
|----------|---|-----------------|---------|--------|
| 119 616  | Industry radio control kit Plug 'n' go for electric winches | 3-pin connector | 9-30 V  | 319.00 |
| 119 626  | Industry radio control kit Plug 'n' go for electric winches | 4-pin connector | 9-30 V  | 319.00 |
| 119 636  | Industry radio control kit Plug 'n' go for electric winches | 6-pin connector | 9-30 V  | 319.00 |

## Radio control kit

Proven and reliable industrial radio remote control 433 MHz as a ready-for-connection kit. 2 function transmitter, receiver with built-in antenna, 3m power cable and 0.5m cable with plug for existent control valve.



incl. remote control



- Ready-for-connection with plug for existent control valve
- 2 functions, transmitter with manual cutout
- 12/24 volt power supply
- 3 m power cable, 0.5 m switching cable
- range 150m, housing splashproof (IP 65/67)
- transmitter with 2500 hours battery life

| Code no. | Description       | Commands | application | Band    | Voltage  | EUR    |
|----------|-------------------|----------|-------------|---------|----------|--------|
| 119 606  | Radio control kit | 2        | slide valve | 433 MHz | 9 - 30 V | 329.00 |



## Cable drum for winch control

Swivel cable retractor with spring drive and disengageable brake. Housing made of robust, shock-proof plastics, with universal fastening possibilities. With this cable retractor your cable remote control is always tidily stored and ready to hand.



| Code no. | Description     | Cable                          | Dimensions               | EUR    |
|----------|-----------------|--------------------------------|--------------------------|--------|
| 630 905  | Cable retractor | 3 x 1.5 mm <sup>2</sup> - 10 m | W 140 x H 285 x D 280 mm | 215.00 |
| 631 705  | Cable retractor | 3 x 1.5 mm <sup>2</sup> - 27 m | W 220 x H 380 x D 460 mm | 339.00 |
| 631 725  | Cable retractor | 5 x 1.5 mm <sup>2</sup> - 22 m | W 200 x H 380 x D 460 mm | 399.00 |

| Code no. | Description     | Version | Type | EUR  |
|----------|-----------------|---------|------|------|
| 350 568  | Female coupling | 7-pin   | 1    | 6.30 |
| 350 558  | Female coupling | 7-pin   | 2    | 8.50 |



## Professional cable remote control

Consisting of double push-button control, 6 m flexible cable and 4-pole metal plug, this robust cable remote control guarantees reliability and a long lifetime.



| Code no. | Description                           | EUR   |
|----------|---------------------------------------|-------|
| 631 026  | Professional cable remote control 6 m | 85.50 |

## Push-button control for professional cable remote control

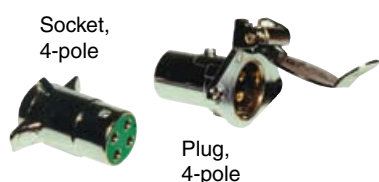
Very handy and robust cable remote controls for 2 up to 10 switching functions. Cable bend protection made of rubber for cable diameters from 10 mm up to 24 mm. Housing made of shock-resistant yellow polypropylene. Switching elements and housing are made for a rough and long-lasting operation. Integrated hanging-hook. Protection class IP 66.



| Code no. | Description                           | Version      | EUR    |
|----------|---------------------------------------|--------------|--------|
| 631 025  | Push-button control incl. key symbols | 2 functions  | 64.50  |
| 631 065  | Push-button control incl. key symbols | 6 functions  | 153.00 |
| 631 105  | Push-button control incl. key symbols | 10 functions | 174.00 |

## Plugs/sockets for cable remote control

Stable, 4-pole versions made of zinc-plated metal, suitable for electric winches and the corresponding cable remote controls.

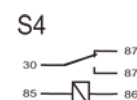


| Code no. | Description                                   | Version  | EUR   |
|----------|---|----------|-------|
| 630 826  | Socket for winch                              | 4 - pole | 11.00 |
| 630 846  | Plug for cable remote control / winch control | 4 - pole | 11.00 |

## Operating relay

Operating relay (changer) for switching functions

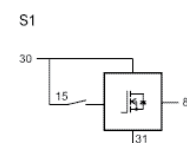
| Code no. | Description     | Max. amperage | Voltage | EUR  |
|----------|-----------------|---------------|---------|------|
| 333 191  | Operating relay | 30 A          | 12 V    | 3.90 |
| 333 211  | Operating relay | 10 A          | 24 V    | 3.90 |



## Solid state relay

Our solid state relays are used to switch loads onto the impulse input without drawing current i.e. connection of additional lighting functions on modern vehicles. They are completely wear-free, and cannot overload or short-circuit and therefore require no fuse.

| Code no. | Description       | Max. amperage | Voltage | EUR   |
|----------|-------------------|---------------|---------|-------|
| 333 231  | Solid state relay | 15 A          | 9-30 V  | 19.90 |
| 333 251  | Solid state relay | 25 A          | 9-30 V  | 34.90 |



## Relay plug base

Relay plug base, interconnectable

| Code no. | Description     | EUR  |
|----------|-----------------|------|
| 333 271  | Relay plug base | 1.10 |



## PRO hose retractor

- weather and UV-resistant polypropylene housing
- suitable for outdoor assembly
- automatic hose rolling with automatic stop
- guaranteed smooth running even for the last metres
- 23 m air line capacity
- stable metal swivelling assembly bracket
- compressed air readily available



automatic winding left/right



secure mounting



630 985

| Code no. | Description        | Hose           | Dimensions               | EUR    |
|----------|--------------------|----------------|--------------------------|--------|
| 630 985  | PRO hose retractor | Ø 10 mm x 23 m | W 305 x H 460 x D 510 mm | 264.00 |

## Hose retractor

Swivel hose retractor with spring drive and disengageable brake. Housing made of robust, shock-proof plastics, with universal fastening possibilities.

With this hose retractor your air supply is always tidily stored and ready to hand.



630 935

630 945

| Code no. | Description    | Hose           | Dimensions               | EUR    |
|----------|----------------|----------------|--------------------------|--------|
| 630 935  | Hose retractor | Ø 6 mm x 5.5 m | W 110 x H 180 x D 200 mm | 110.00 |
| 630 945  | Hose retractor | Ø 10 mm x 16 m | W 205 x H 250 x D 450 mm | 193.00 |

## Generators

Professional-Line, with powerful and long-lasting Honda OHV fuel motor, maintenance-free, brushless synchronous generator, electronically controlled. Frequency 50 Hz. Very robust and reliable, designed for 20,000 working hours. Compact construction in sturdy tubular frame with carry handles. Dimensions L 832 mm x W 513 mm x H 570 mm. With automatic shut-off in case of oil shortage. With overload protection and 18 ltr. tank.



| Code no. | Version                      | Motor         | Power supply    | rated power     | Weight | EUR      |
|----------|------------------------------|---------------|-----------------|-----------------|--------|----------|
| 108 116  | Recoil starter               | Honda 8.6 HP  | 2 x 230 V       | 5.1 kVA /4.6 kW | 62 kg  | 1,058.00 |
| 108 126  | Electric start incl. battery | Honda 8.6 HP  | 2 x 230 V       | 5.1 kVA /4.6 kW | 67 kg  | 1,648.00 |
| 108 216  | Recoil starter               | Honda 11.3 HP | 1x230 V/1x400 V | 8.3 kVA /6.6 kW | 82 kg  | 1,798.00 |
| 108 226  | Electric start incl. battery | Honda 11.3 HP | 1x230 V/1x400 V | 8.3 kVA /6.6 kW | 96 kg  | 2,198.00 |



# Parkhausautomatik for speclift arms

The Parkhausautomatik maintains a constant distance between the arm of the speclift and the ground. Height differences caused by slopes are automatically recognised and compensated, thus avoiding possible damage of the vehicle in the speclift. Can be fitted to all speclifts.



cable included

Programmable gateway 4/50:

- individual ground clearance height selectable
- 2 outputs hydraulics up/down
- 2 outputs each 15A i.e. for beacon and worklamps
- 1 output 10A i.e. for lightbar



4 key control panel:

- 3 additional switch functions i.e. beacons, work lamps, strobes possible
- compact and ultra-thin
- screw assembly or velcro fastening possible



sensor:

- shockproof and sturdy PE housing, easy to mount



| Code no. | Description       | EUR    |
|----------|-------------------|--------|
| M28 211  | Parkhausautomatik | 970.00 |

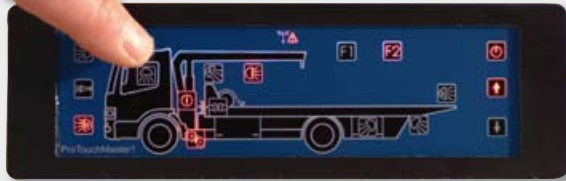
## Scope of Delivery:

Gateway including potentiometer for height regulation, ultrasonic sensors, control panel and pre-assembled installation material.

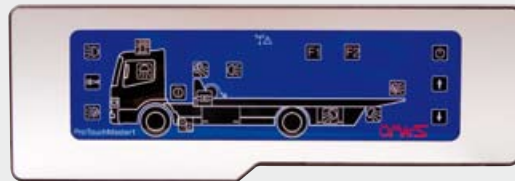


# Pro Touch Master

Vehicle equipment operation of the future is now available from ProLux. All additional vehicle functions can be controlled and viewed on a clearly laid out touchscreen:



Precise touch sensors visualise and activate the selected function which is optically displayed on the vehicle in the display. Assembly in radio slot.



Free-standing unit:  
- quick activation of needed functions  
- visual overview of active functions  
- touchscreen with nightlight



- ball-joint for dash mounting



Gateway 4/50:  
4 fully protected high side drivers with red/green status display allow the connection of additional consumers up to 50A. Switching information can be obtained via the vehicle bus or by feeding an input voltage.

Power unit 28/120:  
28 fully protected high side drivers are the basis of safe and clearly arranged electronics in the tow truck, as well as being the link to the vehicle's CAN-Bus:  
Any CAN-Bus information required i.e. sidelights on/off or handbrake on can be read and used WITHOUT manipulating the vehicle's electronic system.



Minimal assembly costs and time due to 2-lead wiring (CAN-Bus)  
- saves time and money  
- simplifies fault-finding

Leading vehicle body builders are already using this technology:  
don't get left behind, talk to us!

Gateway

Interested?

call +49 7304 9695100

008 007 006 005 004 003 002 001

5,0 Amp. 5,0 Amp.  
KL 15 KL 5



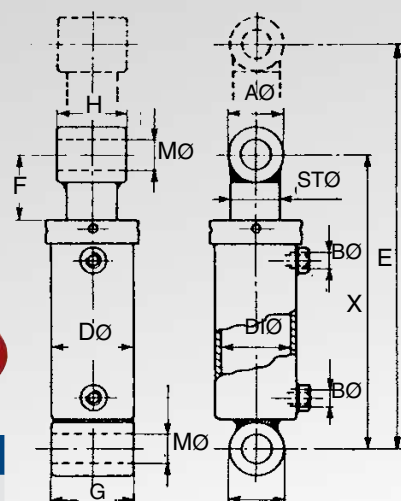
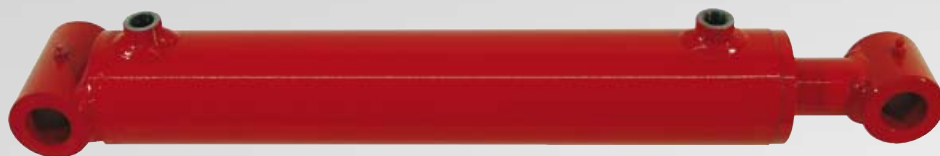
amp. 5,0 Amp.  
9R KL 49L

49R/LWB KL 49L/LWB Rundumleuchten KL 58 Licht LWB Warnblinkanlage L  
028 027 026 025 024 023 022 021  
5,0 Amp. 5,0 Amp. 10 Amp. 10 Amp. 10 Amp. 10 Amp. 10 Amp. 10 A

LWB 015  
mp. 5,0 Amp.

## Hydraulic cylinders

These hydraulic cylinders are high-precision manufactured and have a double action function. They have been equipped with a hard-chrome plated piston rod. Working pressure 240 bar. Available in all current sizes; some of the most current sizes used in construction of recovery vehicles are stated below. Special sizes are available – please enquire for a quotation. Delivery without coating – coating optional at extra charge.



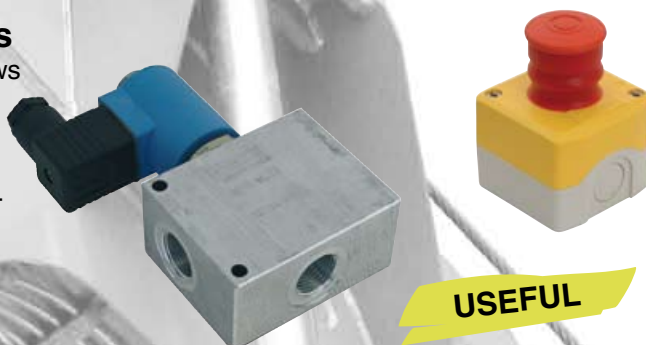
| Code no. | Description        | A Ø   | D Ø   | DI Ø  | M Ø   | ST Ø  | B Ø   |
|----------|--------------------|-------|-------|-------|-------|-------|-------|
| 810 015  | Hydraulic cylinder | 55 mm | 80 mm | 70 mm | 30 mm | 30 mm | 3/8 " |
| 810 145  | Hydraulic cylinder | 55 mm | 90 mm | 80 mm | 30 mm | 40 mm | 3/8 " |
| 810 185  | Hydraulic cylinder | 40 mm | 50 mm | 40 mm | 20 mm | 25 mm | 3/8 " |
| 810 245  | Hydraulic cylinder | 55 mm | 80 mm | 70 mm | 30 mm | 30 mm | 3/8 " |
| 810 705  | Hydraulic cylinder | 55 mm | 90 mm | 80 mm | 30 mm | 40 mm | 1/2 " |

**LARGE  
SELECTION**

| Code no. | Description        | E       | G      | H     | Stroke  | X       | Pressure | F     | Price EUR |
|----------|--------------------|---------|--------|-------|---------|---------|----------|-------|-----------|
| 810 015  | Hydraulic cylinder | 643 mm  | 90 mm  | 60 mm | 200 mm  | 443 mm  | 240 bar  | 73 mm | 275.00    |
| 810 145  | Hydraulic cylinder | 743 mm  | 100 mm | 60 mm | 250 mm  | 493 mm  | 240 bar  | 70 mm | 280.00    |
| 810 185  | Hydraulic cylinder | 2607 mm | 92 mm  | 80 mm | 1200 mm | 1407 mm | 220 bar  | 57 mm | 305.00    |
| 810 245  | Hydraulic cylinder | 1243 mm | 90 mm  | 60 mm | 500 mm  | 743 mm  | 220 bar  | 73 mm | 375.00    |
| 810 705  | Hydraulic cylinder | 7442 mm | 100 mm | 60 mm | 3600 mm | 3842 mm | 220 bar  | 70 mm | 999.00    |

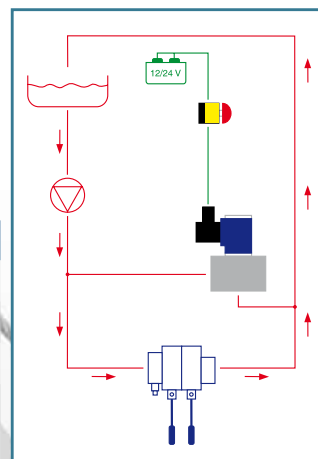
## Emergency stop valves

The emergency stop valve allows the main oil flow to be routed directly back to the tank from the pump. The valve is opened without current and can be operated parallel to auxiliary drive and cleared by emergency stop mushroom button.



**USEFUL**

| Code no. | Description                    | Connection | Oil flow        | Voltage | Price EUR |
|----------|--------------------------------|------------|-----------------|---------|-----------|
| 828 713  | Emergency stop valve 2/2 way   | G 3/8 "    | up to 40 l/min  | 12 V    | 112.00    |
| 828 703  | Emergency stop valve 2/2 way   | G 3/8 "    | up to 45 l/min  | 24 V    | 112.00    |
| 828 803  | Emergency stop valve 2/2 way   | G 1/2 "    | up to 80 l/min  | 24 V    | 238.00    |
| 828 823  | Emergency stop valve 2/2 way   | G 3/4 "    | up to 150 l/min | 24 V    | 289.00    |
| 831 215  | Emergency stop mushroom button |            |                 |         | 29.90     |

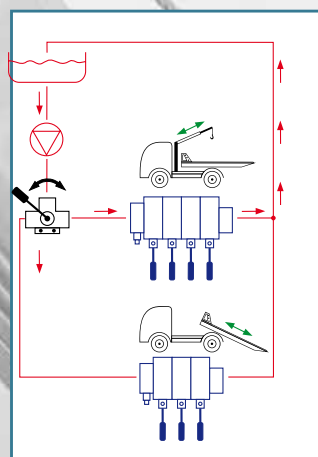


## Diverter valves

The two-way valve with its three ports enables you to operate 2 independent oil circuits. It is often employed as switcher between crane and flatbed.



| Code no. | Description    | Connection | Max. pressure | Oil flow | Price EUR |
|----------|----------------|------------|---------------|----------|-----------|
| 830 505  | Diverter valve | G 3/8 "    | 315 bar       | 35 l/min | 34.50     |
| 830 525  | Diverter valve | G 1/2 "    | 280 bar       | 45 l/min | 42.00     |
| 830 545  | Diverter valve | G 3/4 "    | 250 bar       | 80 l/min | 50.00     |





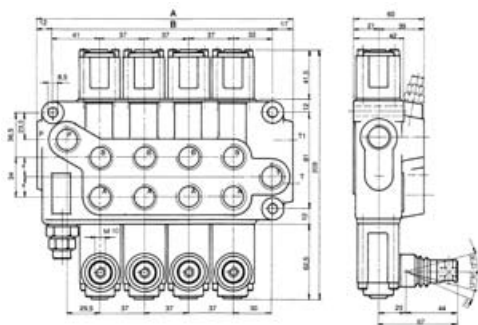


## Slide valves

These high-precision slide valve blocks have been built in monoblock design and have a corrosion-resistant surface. They are very exact but nevertheless easy to handle. Suitable for oil flux up to 60l/minute with max. 400 bar. All sections have closed slide bars (closed in centre position).

Please note: If you have a winch with hydraulic brake, the activated section must have an open slide bar (when placing an order please state: desired section + code no. 822 015 and 822 161/5).

If you like to connect a remote control there are electropneumatic (see page 82) or electrohydraulic operating elements available as accessories (12 or 24 volt). Equally, a high pressure pipe is available if desired.



Please enquire for special switching mechanisms or slide valves in modular (sandwich) design; this design has the advantage of expandability as well as individual pressure control.



Comes standard equipped with adjustable pressure relief valve

| Code no. | Description | Model    | Double function | Connection | Dimension A | Dimension B | Weight  | Price EUR |
|----------|-------------|----------|-----------------|------------|-------------|-------------|---------|-----------|
| 821 001  | Slide valve | DCV 40/1 | 1               | G 1/2 "    | 102 mm      | 73 mm       | 3.6 kg  | 139.00    |
| 821 101  | Slide valve | DCV 40/2 | 2               | G 1/2 "    | 139 mm      | 110 mm      | 5.5 kg  | 199.00    |
| 821 201  | Slide valve | DCV 40/3 | 3               | G 1/2 "    | 176 mm      | 147 mm      | 7.3 kg  | 267.00    |
| 821 301  | Slide valve | DCV 40/4 | 4               | G 1/2 "    | 213 mm      | 184 mm      | 9.2 kg  | 324.00    |
| 821 401  | Slide valve | DCV 40/5 | 5               | G 1/2 "    | 250 mm      | 221 mm      | 11.0 kg | 375.00    |
| 821 501  | Slide valve | DCV 40/6 | 6               | G 1/2 "    | 287 mm      | 258 mm      | 12.9 kg | 455.00    |

| Code no.  | Description  | Price EUR |
|-----------|--|-----------|
| 822 161/5 | Shift bar S4 (open centre position) for valve block DCV40.<br>For use on winches with hydraulic brake                                | 35.00     |
| 822 015   | Assembly costs for:<br>- shift bar conversion<br>- or electro-pneumatic add-on<br>- or electro-hydraulic add-on<br>(prices per unit) | 29.90     |

## Sandwich slide valves

Where more than six functions are required, here are up to 12 double functions possible! Suitable for up to 350 bar pressure and 100 l/min. oil flow rate. Many special features possible such as secondary relief limiting, integrated emergency stop or additional electropneumatic controls.



Example

| Code no. | Description | Model    | Double function | Connection | Oil flow  | Price EUR |
|----------|-------------|----------|-----------------|------------|-----------|-----------|
| 824 001  | Slide valve | DCV 80/1 | 1               | G 3/4 "    | 100 l/min | 328.00    |
| 824 601  | Slide valve | DCV 50/7 | 7               | G 1/2 "    | 60 l/min  | 988.00    |





### Electropneumatical control unit

Electropneumatical control unit operated via cable remote control, radio remote control etc. Suitable for vehicles with compressed air. We hold several fully assembled valve blocks in stock.



| Code no. | Description  | Voltage | Price EUR |
|----------|--|---------|-----------|
| 822 101  | Pneumatic operation double function, incl. electropneumatic valves | 12 V    | 195.00    |
| 822 131  | Pneumatic operation double function, incl. electropneumatic valves | 24 V    | 195.00    |
| 822 015  | Assembly costs for:  |         |           |
|          | - shift bar conversion   |         |           |
|          | - or electro-pneumatic add-on                                      |         | 29.90     |
|          | - or electro-hydraulic add-on<br>(prices per unit)                 |         |           |



### Electro-hydraulic control unit

Electro-hydraulic control unit for operation via cable remote control, radio remote control etc. Suitable for vehicles without compressed air. We hold several fully assembled valve blocks in stock.



| Code no. | Description  | Voltage | Price EUR |
|----------|--|---------|-----------|
| 822 173  | Electro-hydraulic operation for a double function  | 12 V    | 480.00    |
| 822 183  | Electro-hydraulic operation for a double function  | 24 V    | 480.00    |
| 822 015  | Assembly costs for:                                |         |           |
|          | - shift bar conversion                             |         |           |
|          | - or electro-pneumatic add-on                      |         | 29.90     |
|          | - or electro-hydraulic add-on<br>(prices per unit) |         |           |

### Electrically operated hydraulic slide valves

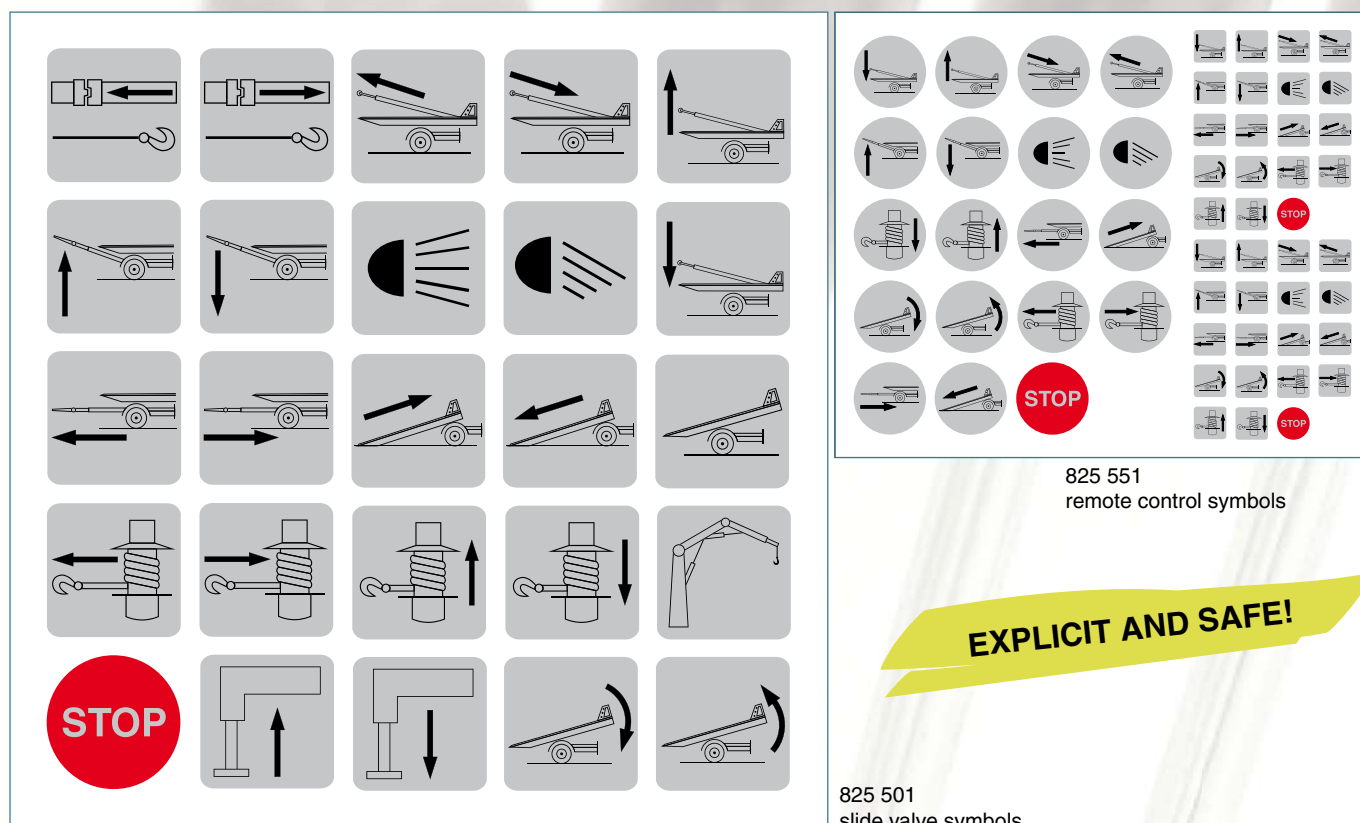
Ideal for wireless electronic activation. Control block is standard equipped with 12/24V activation of all sections. Additional hand levers on each section for precise operation. Oil flow up to 20l/min. at max. 320 bar. Delivered with closed slide rods and adjustable pressure control valve. Available with open slide rods, 24V magnetic valves etc. upon request.



| Code no. | Description                   | Model  | Double function | Connection | Voltage | Weight | Price EUR |
|----------|-------------------------------|--------|-----------------|------------|---------|--------|-----------|
| 826 201  | Hydraulic slide valves        | SD 5/2 | 2               | G 3/8 "    | 12 V    | 5.2 kg | 759.00    |
| 826 211  | Hydraulic slide valves        | SD 5/2 | 2               | G 3/8 "    | 24 V    | 5.2 kg | 759.00    |
| 826 301  | Hydraulic slide valves        | SD 5/3 | 3               | G 3/8 "    | 12 V    | 5.2 kg | 1,159.00  |
| 826 401  | Hydraulic slide valves        | SD 5/4 | 4               | G 3/8 "    | 12 V    | 8.1 kg | 1,348.00  |
| 826 251  | Electrovalve for slide valves |        |                 |            |         |        | 39.90     |

## Symbol set

Self-adhesive permanent symbols for labelling of valve blocks and remote controls.



| Code no. | Description | Version             | Dimensions         | Price/set EUR |
|----------|-------------|---------------------|--------------------|---------------|
| 825 501  | Symbol set  | for slide valves    | 25 38 x 38 mm      | 24.90         |
| 825 551  | Symbol set  | for remote controls | 57 Ø 20 / 9 x 9 mm | 29.90         |

## Foreign symbols

Self-adhesive labels with symbols. Resistant silkscreen print on high-quality foil. Dimensions 5 x 6.5 cm

| Code no. | Description  | Imprint                   | Price EUR |
|----------|--------------|---------------------------|-----------|
| 825 001  | Pictogram    | Winch, retract and extend | 3.50      |
| 825 111  | Symbol lense | Winch track left/right    | 3.50      |
| 825 161  | Symbol lense | Spec extend/retract       | 3.50      |
| 825 211  | Symbol lense | Spec raise/lower          | 3.50      |
| 825 261  | Symbol lense | Flatbed extend/retract    | 3.50      |
| 825 311  | Symbol lense | Flatbed raise/lower       | 3.50      |
| 825 361  | Symbol lense | Hoist extend/retract      | 3.50      |
| 825 411  | Symbol lense | Hoist raise/lower         | 3.50      |



## Axial piston pumps

These piston pumps are suited for application up to 350 bar pressure. They are utilised in heavy duty hydraulic systems. Operable in both directions



800 395

| Code no. | Description        | Version  | Max. pressure | Oil flow | Price EUR |
|----------|--------------------|----------|---------------|----------|-----------|
| 800 085  | Piston pump 4-hole | straight | 370 bar       | 42 l/min | 679.00    |
| 800 095  | Piston pump 4-hole | straight | 350 bar       | 48 l/min | 699.00    |
| 800 105  | Piston pump 4-hole | straight | 350 bar       | 52 l/min | 679.00    |
| 800 125  | Piston pump 4-hole | straight | 350 bar       | 60 l/min | 649.00    |
| 800 145  | Piston pump 4-hole | straight | 350 bar       | 70 l/min | 869.00    |
| 800 165  | Piston pump 4-hole | straight | 350 bar       | 82 l/min | 849.00    |
| 800 395  | Gasket             |          |               |          | 2.50      |



800 395

## Axial piston pumps angled

These compact and powerful piston pumps with 4-hole flange are especially suitable for installation in tight spaces and are constructed for an operating pressure up to 370 bar.

| Code no. | Description        | Version | Oil flow | Price EUR |
|----------|--------------------|---------|----------|-----------|
| 800 175  | Piston pump 4-hole | angled  | 47 l/min | 609.00    |
| 800 185  | Piston pump 4-hole | angled  | 64 l/min | 669.00    |
| 800 195  | Piston pump 4-hole | angled  | 84 l/min | 839.00    |
| 800 395  | Gasket             |         |          | 2.50      |



## Gear pumps

Our gear pumps are suitable for applications with pressure between 190 - 270 bar. Usage in hydraulic systems with light to medium application, available in 3 or 4-hole version.

**LARGE  
SELECTION**



800 395

| Code no. | Description      | Direction of rotation | Max. pressure | Oil flow | Price EUR |
|----------|------------------|-----------------------|---------------|----------|-----------|
| 800 005  | Gear pump 3-hole | anti-clockwise        | 270 bar       | 43 l/min | 369.00    |
| 800 015  | Gear pump 3-hole | clockwise             | 270 bar       | 43 l/min | 369.00    |
| 800 025  | Gear pump 3-hole | anti-clockwise        | 260 bar       | 51 l/min | 385.00    |
| 800 035  | Gear pump 3-hole | clockwise             | 260 bar       | 51 l/min | 385.00    |
| 800 045  | Gear pump 3-hole | anti-clockwise        | 220 bar       | 61 l/min | 399.00    |
| 800 055  | Gear pump 3-hole | clockwise             | 220 bar       | 61 l/min | 399.00    |
| 800 065  | Gear pump 3-hole | anti-clockwise        | 190 bar       | 82 l/min | 459.00    |
| 800 075  | Gear pump 3-hole | clockwise             | 190 bar       | 82 l/min | 459.00    |

| Code no. | Description      | Direction of rotation | Max. pressure | Oil flow | Price EUR |
|----------|------------------|-----------------------|---------------|----------|-----------|
| 800 205  | Gear pump 4-hole | clockwise             | 270 bar       | 43 l/min | 449.00    |
| 800 225  | Gear pump 4-hole | anti-clockwise        | 270 bar       | 43 l/min | 449.00    |
| 800 245  | Gear pump 4-hole | clockwise             | 220 bar       | 61 l/min | 469.00    |
| 800 265  | Gear pump 4-hole | anti-clockwise        | 220 bar       | 61 l/min | 469.00    |
| 800 285  | Gear pump 4-hole | clockwise             | 190 bar       | 82 l/min | 509.00    |
| 800 305  | Gear pump 4-hole | anti-clockwise        | 190 bar       | 82 l/min | 509.00    |
| 800 395  | Gasket           |                       |               |          | 2.50      |



## LARGE SELECTION



### Power takeoffs

PTOs can be supplied for most vehicles. Therefore we need type and year of construction of your vehicle as well as gearbox data (from spec. plate) – we will gladly make you an offer.



| Code no. | Description             | Type of gear       | Pump connection | Price EUR |
|----------|-------------------------|--------------------|-----------------|-----------|
| 831 315  | Auxiliary drive for MB  | MB G 3/36 - G 3/60 | 4-hole          | 495.00    |
| 831 335  | Auxiliary drive for MB  | MB G 3/36 - G 3/60 | 3-hole          | 359.00    |
| 831 355  | Auxiliary drive for MAN | Eaton 4106A-6109A  | 4-hole          | 469.00    |
| 831 375  | Auxiliary drive for MAN | Eaton 4106A-6109A  | 3-hole          | 539.00    |



830 891NA

| Code no.  | Description            | Motif              | Colour | Voltage | Price EUR |
|-----------|------------------------|--------------------|--------|---------|-----------|
| 830 891NA | Electric rocker switch | NA - Power takeoff | Green  | 24 V    | 14.50     |
| 800 395   | Gasket                 |                    |        |         | 2.50      |

### Hydraulic tanks

The integrated microfilter guarantees clean hydraulic oil in your hydraulic system. Conveniently fitted and therefore easy to maintain. The tank is coated with an anti-corrosion finish, and stands out through quality and simplicity of installation.

| Code no. | Description                    | Filling quantity | Price EUR |
|----------|--------------------------------|------------------|-----------|
| 831 505  | Hydraulic tank with filter     | 40 L             | 339.00    |
| 831 525  | Hydraulic tank with filter     | 60 L             | 359.00    |
| 831 565  | Filter in housing (spare part) |                  | 42.50     |



831 505

TECHNICAL DRAWING:  
[WWW.TOWING.DE](http://WWW.TOWING.DE)

### Hand throttle

The plastic throttle lever with integrated friction disc clutch is mounted on a galvanised base. The plastic-sheathed throttle cable has a galvanised steel wire with Ø 2.5 mm and 8 m length.

| Code no. | Description   | Length | Ø      | Price EUR |
|----------|---------------|--------|--------|-----------|
| 830 805  | Hand throttle | 8.0 m  | 2.5 mm | 65.00     |



### Hydraulic hand pumps

Compact hydraulic hand pumps with 5 ltr. tank, which you can use anywhere, quickly operable.



| Code no. | Description         | Type of construction         | Max. pressure | Tank  | Discharge flow | Price EUR |
|----------|---------------------|------------------------------|---------------|-------|----------------|-----------|
| 833 006  | Hydraulic hand pump | for single function cylinder | 250 bar       | 5.0 L | 25 cm³         | 245.00    |
| 833 106  | Hydraulic hand pump | for double function cylinder | 250 bar       | 5.0 L | 25 cm³         | 265.00    |

# WIRELESS RETROFIT SET

## One-man loading



Wireless  
operation  
of ANY  
winch!

The simple way to upgrade a manual slide valve to wireless operation.

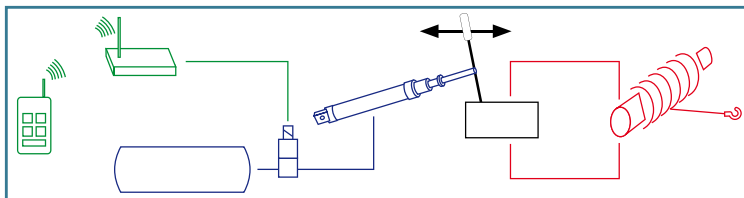


## Radio remote upgrade kit with pneumatic cylinder

For all vehicles with compressed air system and on-board voltage of 24 V. Quick and easy installation of pneumatic cylinder and operating equipment. With air cylinder and interference-free high performance Plug 'n' Go radio remote control with 433 Mhz technology and a range of up to 150 m.

### Components:

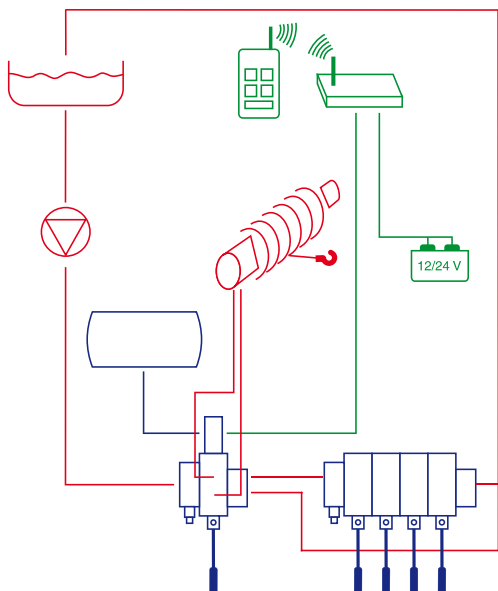
- 1x double-function pneumatic cylinder
- 2x T-piece for 6mm Ø air-line
- 2x quick screw connection for air-line
- 1x air-line (Tecalán) 6mm Ø, 8m long
- 2x air break switch, electrically actuated
- 1x radio remote control kit, 2 functions
- 1x mounting bracket for electro-pneumatic valve



| Code no. | Description               | Voltage | Price/set EUR |
|----------|---------------------------|---------|---------------|
| 125 506  | Radio remote retrofit kit | 24 V    | 479.00        |

**SAVE EUR  
71.00**

## Radio remote upgrade kits with additional control valve



### Components:

- 1x slide valve
- 1x electro-pneumatic operation per double function
- 1x high pressure transfer screw connection for output
- 1x air-line (Tecalán) 6mm Ø, 8m long
- 1x t-piece for 6mm Ø air-line

**SAVE  
98.90 EUROS**

| Code no. | Description               | Fits                        | Voltage | Price/set EUR |
|----------|---------------------------|-----------------------------|---------|---------------|
| 125 555  | Radio remote retrofit kit | Winch with mechanical brake | 24 V    | 592.00        |
| 125 565  | Radio remote retrofit kit | Winch with hydraulic brake  | 24 V    | 592.00        |

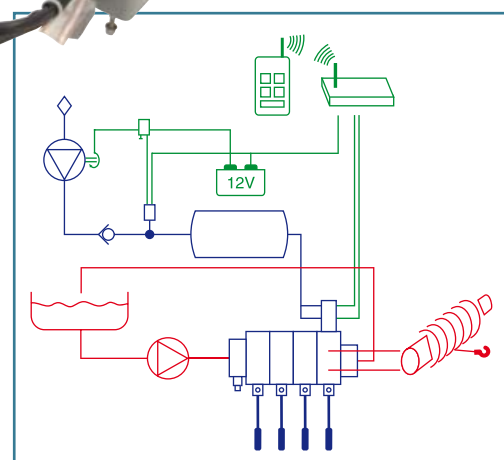
## Radio remote retrofit kit for vehicles without compressed air systems

Radio remote retrofit kit for vehicles without compressed air systems. Air supply via 12V electric compressor for wireless electro-pneumatic operations or other uses.



### Radio retrofit set components

1x 2-function radio control kit  
1x 12V air compressor, max. 10 bar  
1x air line (Tecalán) 6mm Ø/5m  
1x power relay 12 V/50A  
1x opener switch adjustable from 1-10 bar, G1/8a  
1x air tank 5l  
1x assembly material



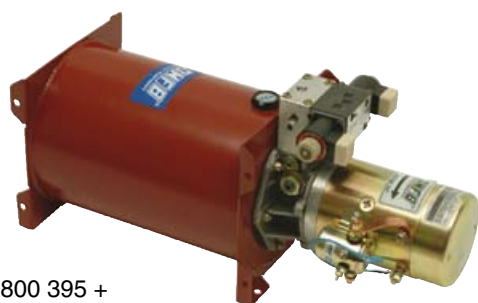
| Code no. | Description               | Voltage | Price/set EUR |
|----------|---------------------------|---------|---------------|
| 125 594  | Radio remote retrofit kit | 12 V    | 519.00        |

**SAVE  
129,00 EUR!**

## Electro-hydraulic power units

For electric control of hydraulic cylinders, if it is not possible to mount an auxiliary drive. Top performance aggregates with a long lifetime, in 12 or 24 volt. Serially with electric control valve for a double action cylinder and a 10 ltr. hydraulic tank. Dimensions W 570 x D 220 x H 255 mm. For extra charge also available with special valves and tank volume 15 or 20 ltr.

**LARGE  
SELECTION**



800 395 +  
800 425



Special hydraulic aggregate

| Code no. | Description          | Max. pressure | Flow                 | Power  | Voltage | Price EUR |
|----------|----------------------|---------------|----------------------|--------|---------|-----------|
| 800 405  | Hydraulic power unit | 180 bar       | 7.2 l/min at 150 bar | 2000 W | 12 V    | 659.00    |
| 800 425  | Hydraulic power unit | 220 bar       | 5.5 l/min at 150 bar | 3000 W | 24 V    | 689.00    |



## Activation aid

To enable the simple activation of pneumatic and hydraulic components. To supplement a slide valve with a radio remote control you can use this cylinder with two electro-pneumatic valves.



| Code no. | Description  | Price EUR |
|----------|--|-----------|
| 831 025  | T-piece for air line 6 mm Ø                                  | 5.00      |
| 831 045  | Quick screw connection 1/8 inch for air line 6 mm Ø          | 1.90      |
| 831 065  | Air line (Tecalán) 6 mm Ø per m                              | 1.00      |
| 831 905  | Double function pneumatic cylinder for slide valve operation | 79.90     |



## Air break switch

To control pneumatic devices such as winches, auxiliary drives, horns etc. Max. pressure 10 bar, incl. screw connections.

| Code no. | Description  | Operation       | Switching positions | Connections | Price EUR |
|----------|--|-----------------|---------------------|-------------|-----------|
| 831 915  | Air break switch, double function                    | manual          | 2                   | 5           | 56.00     |
| 831 925  | Air break switch, with control lamp, single function | manual          | 2                   | 2           | 49.00     |
| 831 085  | Air break switch, electrically actuated              | electr. 12 volt | 2                   | 2           | 50.00     |
| 831 105  | Air break switch, electrically actuated              | electr. 24 volt | 2                   | 2           | 50.00     |

## Warning buzzer

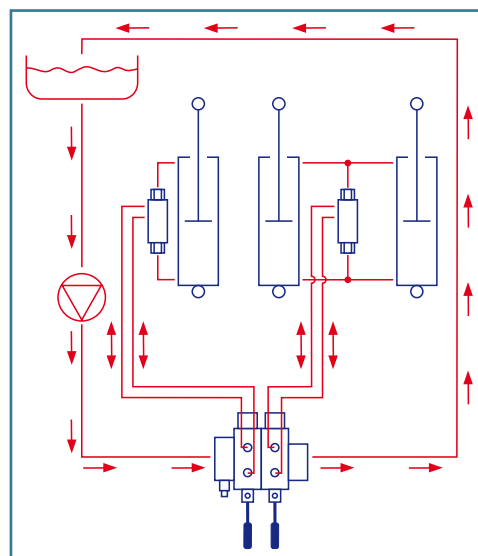
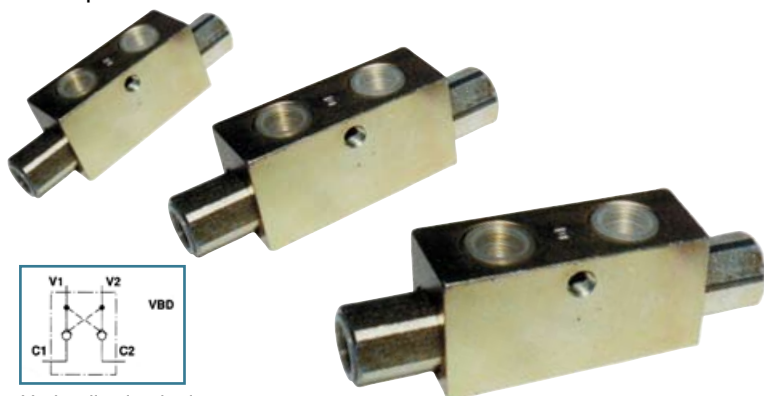
Warns against applications which shouldn't be used when driving or which could cause damage i.e. PTO, worklamps, extended boom or lightbar.



| Code no. | Description    | Voltage | Price EUR |
|----------|----------------|---------|-----------|
| 830 987  | Warning buzzer | 12 V    | 16.90     |
| 830 997  | Warning buzzer | 24 V    | 16.90     |

## Stop valves

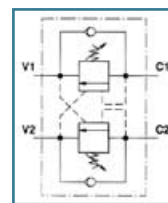
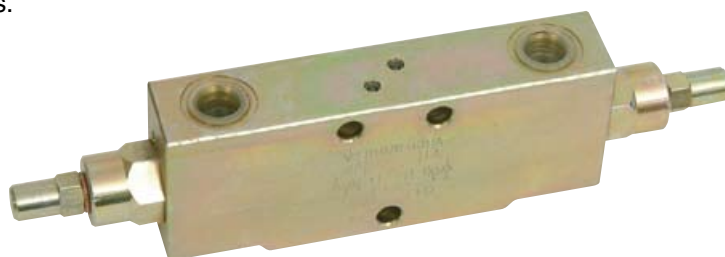
The double-sided stop valve guarantees the holding of loads also in hydraulic systems with loss of pressure.



| Code no. | Description | Connection | Max. pressure | Oil flow  | Price EUR |
|----------|-------------|------------|---------------|-----------|-----------|
| 830 665  | Stop valve  | G 3/8 "    | 350 bar       | 20 l/min  | 34.00     |
| 830 685  | Stop valve  | G 1/2 "    | 300 bar       | 50 l/min  | 40.00     |
| 830 705  | Stop valve  | G 3/4 "    | 300 bar       | 120 l/min | 86.00     |

## Counter-balance valves

Double sided counter-balance valves with variable pressure adjustment; avoids mechanical overload of body components.



Hydraulic circuit plan

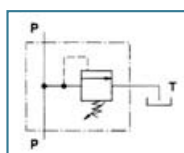
| Code no. | Description                          | Connection | Max. pressure | Oil flow       | Price EUR |
|----------|--------------------------------------|------------|---------------|----------------|-----------|
| 830 825  | Counter-balance valve, double action | G 3/8 "    | 40-350 bar    | up to 35 l/min | 87.00     |
| 830 835  | Counter-balance valve, double action | G 1/2 "    | 40-330 bar    | up to 60 l/min | 119.50    |
| 830 845  | Counter-balance valve, double action | G 3/4 "    | 40-300 bar    | up to 95 l/min | 158.00    |

## Pressure control valves

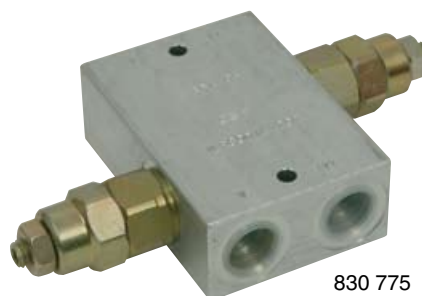
Avoid accidents due to overload or damage of the hydraulic components. Guaranteed safe working. Opening pressure adjustable from 10 - 250 bar.



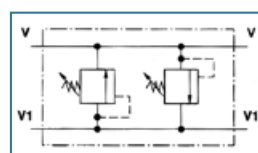
830 745



830 745  
Hydraulic circuit plan



830 775  
830 785

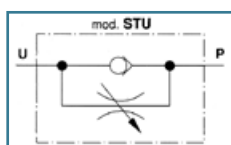


830 775 + 830 785  
Hydraulic circuit plan

| Code no. | Description                   | Connection | Max. pressure | Oil flow       | Price EUR |
|----------|-------------------------------|------------|---------------|----------------|-----------|
| 830 745  | Pressure control valve single | G 1/2 "    | 350 bar       | up to 80 l/min | 52.00     |
| 830 775  | Pressure control valve double | G 1/2 "    | 350 bar       | up to 40 l/min | 69.00     |
| 830 785  | Pressure control valve double | G 1/2 "    | 300 bar       | up to 80 l/min | 89.00     |

## One-way restrictor valves

Allows a well directed and adjustable control of the oil flow inside a pipe. The flow is infinitely variable.



830 855 + 830 865  
Hydraulic circuit plan



830 855



830 865

| Code no. | Description        | Connection | Max. pressure | Oil flow | Price EUR |
|----------|--------------------|------------|---------------|----------|-----------|
| 830 855  | One-way restrictor | G 3/8 "    | 350 bar       | 30 l/min | 19.40     |
| 830 865  | One-way restrictor | G 1/2 "    | 350 bar       | 45 l/min | 24.50     |

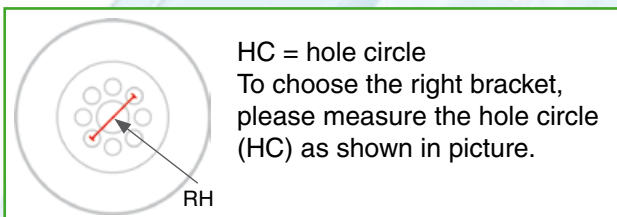


## Wheel caps V2A

Stainless steel high gloss polished, for wheels with 5, 6, 8 and 10 holes.

With bracket (order separately) to fix using wheel bolt, hard to steal.

Looks great, cleans fast. No laborious cleaning of the wheel necessary.



| Code no. | Description   | Position        | Wheel size       | Price EUR |
|----------|---------------|-----------------|------------------|-----------|
| 910 114  | Wheel cap V2A | front/rear      | MB Sprinter 15 " | 38.00     |
| 910 124  | Wheel cap V2A | rear twin tyres | MB Sprinter 15 " | 38.00     |
| 910 104  | Wheel cap V2A | front           | 16 "             | 38.00     |
| 910 154  | Wheel cap V2A | rear            | 16 "             | 38.00     |
| 910 204  | Wheel cap V2A | front           | 17.5 "           | 38.00     |
| 910 254  | Wheel cap V2A | rear            | 17.5 "           | 38.00     |
| 910 304  | Wheel cap V2A | front           | 19.5 "           | 38.00     |
| 910 354  | Wheel cap V2A | rear            | 19.5 "           | 38.00     |
| 910 404  | Wheel cap V2A | front           | 22.5 "           | 43.00     |
| 910 454  | Wheel cap V2A | rear            | 22.5 "           | 43.00     |

## Brackets for wheel trims V2A

Relevant bracket for safe mounting of wheel trim.

Holder rear



Holder front



Bracket for MB Sprinter (fixation in wheel opening)

| Code no. | Description          | Wheel   | Position   | Wheel size                                | Price EUR |
|----------|----------------------|---------|------------|---|-----------|
| 910 534  | Bracket MB Sprinter  | 5-hole  | front/rear | 5,5 J 16 " single tyres                   | 16.50     |
| 910 574  | Bracket MB Sprinter  | 5-hole  | front/rear | 6 J 16 " up to 12/99 single tyres         | 16.50     |
| 910 584  | Bracket MB Sprinter  | 5-hole  | front/rear | 6 J 16 " from 01/00 to 02/07 single tyres | 16.50     |
| 910 594  | Bracket MB Sprinter  | 5-hole  | front/rear | 6,5 J 16 " from 03/07 single tyres        | 16.50     |
| 910 564  | Bracket MB Sprinter  | 6-hole  | front      | 5,5 J 16 " Twin tyres                     | 16.50     |
| 910 544  | Bracket MB Sprinter  | 6-hole  | rear       | 5,5 J 16 " Twin tyres                     | 16.50     |
| 910 514  | Bracket for HC 170mm | 6 hole  | front      | 16 "                                      | 16.50     |
| 910 524  | Bracket for HC 170mm | 6 hole  | rear       | 16 "                                      | 16.50     |
| 910 554  | Bracket for HC 205mm | 6 hole  | front      | 16-17.5 "                                 | 16.50     |
| 910 604  | Bracket for HC 205mm | 6 hole  | rear       | 16-17.5 "                                 | 16.50     |
| 910 654  | Bracket for HC 245mm | 6 hole  | front      | 17.5 "                                    | 17.00     |
| 910 704  | Bracket for HC 245mm | 6 hole  | rear       | 17.5 "                                    | 17.00     |
| 910 754  | Bracket for HC 275mm | 8 hole  | front      | 19.5 "                                    | 17.00     |
| 910 804  | Bracket for HC 275mm | 8 hole  | rear       | 19.5 "                                    | 17.00     |
| 910 854  | Bracket for HC 335mm | 10 hole | front      | 20-22.5 "                                 | 18.00     |
| 910 904  | Bracket for HC 335mm | 10 hole | rear       | 20-22.5 "                                 | 18.00     |



## EASY ASSEMBLY WITH MOUNTING RING!

### "Classic" wheel cap with retaining ring

Elegant and stylish look for your wheels: V2A stainless steel, robust and high gloss polished. Top wheel design in various looks. Incl. retaining ring for easy mounting (see description below).

| Code no. | Description         | Type    | Position | Wheel size | Price EUR |
|----------|---------------------|---------|----------|------------|-----------|
| 912 022  | Wheel cap with ring | Classic | front    | 17.5 "     | 47.00     |
| 912 032  | Wheel cap with ring | Classic | rear     | 17.5 "     | 47.00     |
| 912 042  | Wheel cap with ring | Classic | front    | 19.5 "     | 49.00     |
| 912 052  | Wheel cap with ring | Classic | rear     | 19.5 "     | 49.00     |
| 912 062  | Wheel cap with ring | Classic | front    | 22.5 "     | 49.00     |
| 912 072  | Wheel cap with ring | Classic | rear     | 22.5 "     | 49.00     |

### "Design" wheel cap with ring



| Code no. | Description         | Type   | Position | Wheel size | Price EUR |
|----------|---------------------|--------|----------|------------|-----------|
| 912 122  | Wheel cap with ring | Design | front    | 17.5 "     | 66.00     |
| 912 132  | Wheel cap with ring | Design | rear     | 17.5 "     | 66.00     |
| 912 142  | Wheel cap with ring | Design | front    | 19.5 "     | 71.00     |
| 912 152  | Wheel cap with ring | Design | rear     | 19.5 "     | 71.00     |
| 912 162  | Wheel cap with ring | Design | front    | 22.5 "     | 74.00     |
| 912 172  | Wheel cap with ring | Design | rear     | 22.5 "     | 74.00     |



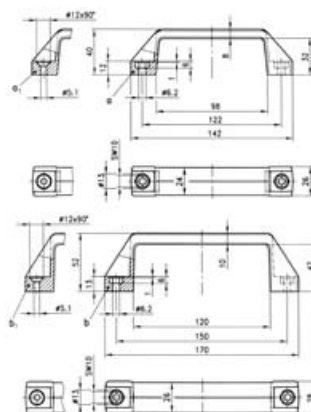
| Code no. | Description                            | Wheel size             | Price EUR |
|----------|--|------------------------|-----------|
| 912 246  | Wheel nut cover ring                   | 6-hole 17.5 "          | 36.00     |
| 912 256  | Wheel nut cover ring for steel wheels  | 22.5 "                 | 36.00     |
| 912 266  | Wheel nut cover ring for alloy wheels  | 22.5 "                 | 36.00     |
| 912 206  | Wheel nut cover plate                  | 6-hole 17.5 "          | 36.00     |
| 912 216  | Wheel nut cover plate                  | 8-hole 17.5 and 19.5 " | 36.00     |
| 912 226  | Wheel nut cover plate for steel wheels | 22.5 "                 | 36.00     |
| 912 236  | Wheel nut cover plate for alloy wheels | 22.5 "                 | 36.00     |





## Handholds

The robust plastic handhold can be fixed from the outside with cylinder head screws or hexagon screws.

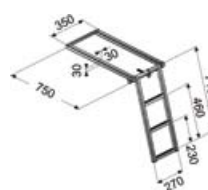
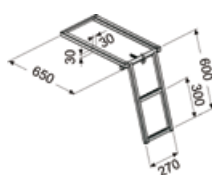


| Code no. | Description             | Length | Price EUR |
|----------|-------------------------|--------|-----------|
| 424 001  | Handhold, black plastic | 170 mm | 6.00      |
| 424 011  | Handhold, black plastic | 140 mm | 5.60      |



## Boarding ladder

Zinc-plated ladder with non-slip perforated rungs. Eases the boarding of your vehicle.

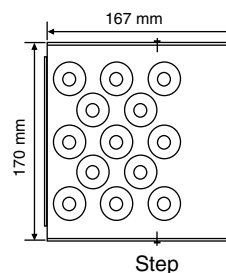
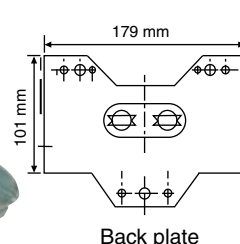


| Code no. | Description                  | Version | Price EUR |
|----------|------------------------------|---------|-----------|
| 832 103  | Boarding ladder, zinc-plated | 2 rungs | 35.50     |
| 832 203  | Boarding ladder, zinc-plated | 3 rungs | 39.50     |



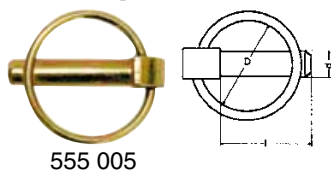
## Folding step

Zinc-plated steel sheet hinged step. With reinforced, end-to-end fastening plate, therefore maximum support. Non-slip perforations.



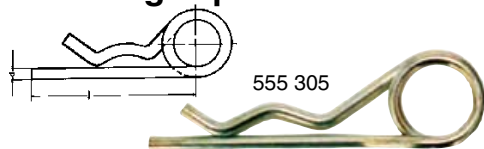
| Code no. | Description               | Price EUR |
|----------|---------------------------|-----------|
| 832 003  | Folding step, zinc-plated | 9.90      |

## Linch pins



555 005

## Retaining clips



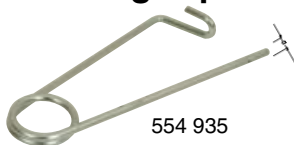
555 305

## Shaft locking pins



554 805

## Retaining clip



554 935

| Code no. | Description | Length | Ø ring | Ø pin  | Price EUR |
|----------|-------------|--------|--------|--------|-----------|
| 555 005  | Linch pin   | 32 mm  | 29 mm  | 4.5 mm | 0.80      |
| 555 105  | Linch pin   | 40 mm  | 42 mm  | 6.0 mm | 0.85      |
| 555 205  | Linch pin   | 40 mm  | 42 mm  | 8.0 mm | 0.90      |
| 555 305  | "R" clips   | 62 mm  |        | 3.0 mm | 0.40      |
| 555 405  | "R" clips   | 78 mm  |        | 4.0 mm | 0.60      |
| 555 505  | "R" clips   | 92 mm  |        | 5.0 mm | 0.60      |
| 555 605  | "R" clips   | 120 mm |        | 6.0 mm | 1.35      |

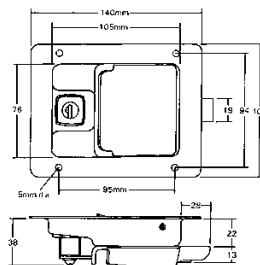
| Code no. | Description       |       | Ø Bolt | Ø pin | Price EUR |
|----------|-------------------|-------|--------|-------|-----------|
| 554 805  | Shaft locking pin | 45 mm | 40 mm  | 6 mm  | 3.35      |
| 554 835  | Shaft locking pin | 60 mm | 55 mm  | 8 mm  | 3.55      |
| 554 855  | Shaft locking pin | 50 mm | 45 mm  | 10 mm | 3.85      |
| 554 865  | Shaft locking pin | 60 mm | 55 mm  | 10 mm | 3.95      |
| 554 885  | Shaft locking pin | 70 mm | 70 mm  | 8 mm  | 2.10      |
| 554 895  | Shaft locking pin | 70 mm | 70 mm  | 10 mm | 2.40      |

| Code no. | Description    | Ø pin | Price EUR |
|----------|----------------|-------|-----------|
| 554 935  | Retaining clip | 3 mm  | 2.90      |
| 554 945  | Retaining clip | 4 mm  | 3.90      |
| 554 955  | Retaining clip | 5 mm  | 4.30      |

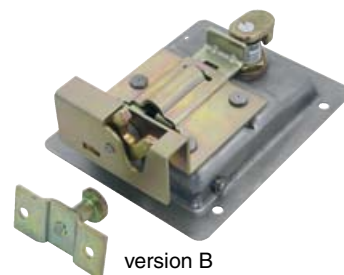
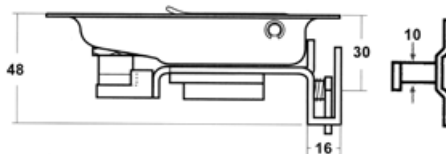


## Stainless steel locker locks

Very robust and high gloss polished, for mounting on tool cabinets, vehicle construction etc. Two different models available, delivery incl. 2 keys and plastic underlay.



version A

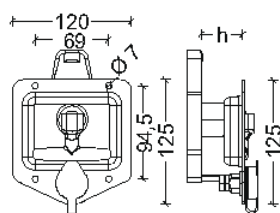


version B

| Code no. | Description                 | Version | Price EUR |
|----------|-----------------------------|---------|-----------|
| 422 805  | Stainless steel locker lock | A       | 28.50     |
| 422 855  | Stainless steel locker lock | B       | 31.00     |

## Stainless steel locker lock with toggle grip

Made of high gloss stainless steel with lock cover and toggle grip for convenient opening. Universally applicable thanks to variable depth of the lock (h= 21-45 mm). Incl. 2 keys and rubber underlay.



422 195



422 195



422 215



422 215

NEW

| Code no. | Description | Version    | Hole picture | Price EUR |
|----------|-------------|------------|--------------|-----------|
| 422 195  | Locker lock | Screw hole | 69 x 94,5 mm | 51.00     |
| 422 215  | Locker lock | stud bolt  | 85 x 100 mm  | 44.00     |

## Spring latch

For various applications. Robust, zinc-plated or stainless steel.

| Code no. | Description                  | Bolt lift | Ø Bolt | Price EUR |
|----------|------------------------------|-----------|--------|-----------|
| 422 701  | Spring latch, zinc-plated    | 27 mm     | 12 mm  | 7.90      |
| 422 713  | Stainless steel spring latch | 27 mm     | 12 mm  | 13.90     |



unlocked

## Spring turning latch

Captive multi-purpose locking device.



422 761



422 751



422 631



422 651

422 671  
422 611

| Code no. | Description          | Version          | Bolt lift | Ø Bolt | Price EUR |
|----------|----------------------|------------------|-----------|--------|-----------|
| 422 631  | Spring turning latch | with nut         | 14 mm     | 12 mm  | 14.90     |
| 422 651  | Spring turning latch | with screw-plate | 14 mm     | 10 mm  | 13.20     |
| 422 671  | Spring turning latch | for welding      | 14 mm     | 10 mm  | 10.90     |
| 422 611  | Spring turning latch | for welding      | 14 mm     | 15 mm  | 12.70     |
| 422 761  | Spring turning latch | for welding      | 20 mm     | 30 mm  | 22.90     |
| 422 751  | Spring turning latch | for welding      | 20 mm     | 16 mm  | 21.50     |





### Slidebed rollers

Save money and avoid damage. The slidebed rollers with stainless steel assembly frame avoid excessive wear on the tip of the slidebed, and also prevent damage to workshop floors and road surfaces. Wear-resistant heavy-duty PE roller, stainless steel shaft. Easy to assemble.

| Code no. | Description     | Ø roll | Frame size   | Roll length | Price EUR |
|----------|-----------------|--------|--------------|-------------|-----------|
| 424 302  | Slidebed roller | 50 mm  | 120 x 150 mm | 55 mm       | 59.00     |
| 424 322  | Slidebed roller | 50 mm  | 225 x 130 mm | 150 mm      | 69.00     |



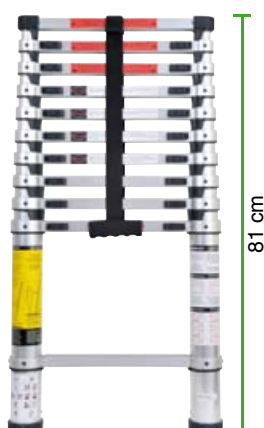
### Buffer blocks

Buffer blocks made of vulcanised rubber protect your vehicles against damage. Very robust and shock-absorbing.

| Code no. | Description  | Dimensions             | Price EUR |
|----------|--------------|------------------------|-----------|
| 621 101  | Buffer block | L 200 x W 52 x H 60 mm | 5.90      |
| 621 111  | Buffer block | L 300 x W 52 x H 80 mm | 9.00      |
| 621 121  | Buffer block | L 400 x W 52 x H 60 mm | 9.40      |



extends  
to 3.80 m



**NEW**

### Telescopic ladder

Thanks to its unique construction the telescopic ladder can be minimised to a very handy size and is therefore very easy to transport. The ladder is universally adjustable from 810mm to 3800mm and thus can be used for the most varied purposes. Weighs 12kg.



| Code no. | Description       | Height        | Weight | Price EUR |
|----------|-------------------|---------------|--------|-----------|
| 920 456  | Telescopic ladder | 810 - 3800 mm | 12 kg  | 199.00    |

### Telescopic measuring stick

Measure vehicle heights and read the analog value at a convenient level without bending down. Telescopically extendable, locks precisely and spring locks prevent slipping. Comes in a practical canvas bag. Recommended accessory: 90cm tip for exact measuring.



**NEW**

**BAG INCLUDED**



| Code no. | Description                               | Measuring range | Price EUR |
|----------|---|-----------------|-----------|
| 240 355  | Measuring stick "Telefix" with carry-case | 1.0 - 5.0 m     | 169.00    |
| 240 365  | Measuring pole tip 900mm                  |                 | 49.50     |



## Pneumatic HGV fanfares

Horns with real trucker sound – the longer the horn, the deeper the sound. Due to the different lengths they attain the classical double sound. The horns are made of stainless steel and their bronze membrane protects them against dirt, insects and water. E-control number, permissible loudness 118 dB A, 180/200 Hz.



Stainless steel cover



| Code no. | Description                                   | Version                 | Length     | Voltage | Price EUR |
|----------|---|-------------------------|------------|---------|-----------|
| 210 205  | Pneumatic HGV fanfares incl. installation kit | foot valve              | 800/850 mm |         | 188.00    |
| 210 265  | Pneumatic HGV fanfares incl. installation kit | electro-pneumatic valve | 800/850 mm | 24 V    | 188.00    |
| 210 225  | Pneumatic HGV fanfares incl. installation kit | foot valve              | 650/700 mm |         | 175.00    |
| 210 275  | Pneumatic HGV fanfares incl. installation kit | electro-pneumatic valve | 650/700 mm | 24 V    | 175.00    |
| 210 245  | Pneumatic HGV fanfares incl. installation kit | foot valve              | 550/600 mm |         | 165.00    |
| 210 285  | Pneumatic HGV fanfares incl. installation kit | electro-pneumatic valve | 550/600 mm | 24 V    | 165.00    |
| 210 125  | Stainless steel cover for horns, Ø 140 mm     |                         |            |         | 15.00     |

## BEAM Fanfares

Top quality sparkling chrome-look fanfares. Sound intensity 110 dB, 400/450 Hz. Incl. installation kit and aeration tube 3000 mm.



Electric rocker switch, with symbol (code-no. 830 901HO, see pages 74, 135), EUR 14,50



compressor incl.

**NEW**

**ACCESSORY  
RECOMMENDATION**

| Code no. | Description             | Length | Voltage | Price EUR |
|----------|-------------------------|--------|---------|-----------|
| 205 105  | Electronic fanfare BEAM | 450 mm | 12 V    | 69.00     |
| 205 375  | Electronic fanfare BEAM | 450 mm | 24 V    | 69.00     |

## Highway fanfares

Chrome fanfares with high corrosion protection, to be connected with existent compressed-air system. Sound intensity 115 dB, 300/320 Hz. Incl. installation kit, T-piece and 2.5 m air line.



| Code no. | Description                                      | Dimensions      | Pressure    | Price EUR |
|----------|--|-----------------|-------------|-----------|
| 205 205  | Highway pneumatic fanfare with assembly material | L 420 x Ø 95 mm | 4 - 8.5 bar | 59.50     |



Hand-pull valve



Foot valve



Electronic valve

| Code no. | Description   | Price EUR |
|----------|---|-----------|
| 205 265  | Electro-pneumatic valve, mounting in engine compartment, incl. mounting material, 24 volt | 39.00     |
| 205 245  | Foot valve, floor mounting inside of driving cab, incl. screw connections                 | 16.00     |
| 205 225  | Hand-pull valve, roof mounted in cab, incl. pull rope 1200 mm long                        | 15.00     |
| 831 065  | Air line (Tecalán) 6 mm Ø per m   | 1.00      |

## Garage organiser boards - large



241 135

## Garage organiser boards - small



241 105



241 175

**NEW**

## Garage organiser boards

Garage organiser - no bottlenecks, no thumb twiddling, shortened standstill periods and optimal customer service. Well-arranged system for perfect control of your garage! Board elements in a modern design and colour. Small and large versions, and various rail quantities available.

| Code no. | Description            | Version        | Dimensions               | Price EUR |
|----------|------------------------|----------------|--------------------------|-----------|
| 241 175  | Garage organiser board | with 10 tracks | W 550 x H 1285 x D 78 mm | 109.00    |
| 241 105  | Garage organiser board | with 10 tracks | W 550 x H 1285 x D 78 mm | 189.00    |
| 241 115  | Garage organiser board | with 15 tracks | W 550 x H 1765 x D 78 mm | 219.00    |

| Code no. | Description            | Version        | Dimensions                | Price EUR |
|----------|------------------------|----------------|---------------------------|-----------|
| 241 125  | Garage organiser board | with 6 tracks  | W 1575 x H 900 x D 78 mm  | 389.00    |
| 241 135  | Garage organiser board | with 10 tracks | W 1575 x H 1285 x D 78 mm | 459.00    |
| 241 145  | Garage organiser board | with 15 tracks | W 1575 x H 1765 x D 78 mm | 569.00    |

## Paperwork pockets with key pouches

These reinforced see-through paperwork pockets are of a high quality and therefore perfect for keeping all kinds of vehicle-related documentation clean and orderly. Several colours available, and with key pouch on the rear. Sold as a pack of ten.



| Code no. | Description                     | Colour | Price/set EUR |
|----------|---------------------------------|--------|---------------|
| 241 205  | Paperwork pocket with key pouch | Blue   | 39.50         |
| 241 215  | Paperwork pocket with key pouch | Red    | 39.50         |
| 241 225  | Paperwork pocket with key pouch | Green  | 39.50         |
| 241 235  | Paperwork pocket with key pouch | Grey   | 39.50         |
| 241 245  | Paperwork pocket with key pouch | Black  | 39.50         |
| 241 255  | Paperwork pocket with key pouch | Yellow | 39.50         |

## Paperwork pocket Turbo with key pouch

These paperwork pockets with key pouch on the rear have a large capacity and are therefore ideal for storing logbooks and service manuals. The sturdy construction guarantees a long lifetime. Sold as a pack of ten.



| Code no. | Description                           | Colour | Price/set EUR |
|----------|---------------------------------------|--------|---------------|
| 241 265  | Paperwork pocket Turbo with key pouch | Blue   | 49.00         |
| 241 275  | Paperwork pocket Turbo with key pouch | Red    | 49.00         |
| 241 285  | Paperwork pocket Turbo with key pouch | Green  | 49.00         |
| 241 295  | Paperwork pocket Turbo with key pouch | Grey   | 49.00         |

## Quick fastener for (provisional) number plates

The NO-BOY is the professional fastener for provisional number plates. TÜV/GS approved. The necessary installation material to mount the number plate on the suction cup is included in delivery.



| Code no. | Description                                    | Price EUR |
|----------|--|-----------|
| 600 803  | Quick fastener for (provisional) number plates | 45.00     |



## Price sign holders

Quick professional means of displaying prices and specs on side windows and windscreens. Made of polycarbonate, these holders come in A4 vertical, A4 horizontal and A3 horizontal format.

| Code no. | Description        | format        | Price EUR |
|----------|--------------------|---------------|-----------|
| 241 455  | Price sign holders | A4 vertical   | 9.90      |
| 241 465  | Price sign holders | A4 horizontal | 9.90      |
| 241 475  | Price sign holders | A3 horizontal | 16.90     |



## Key tags

These key tags made from environmentally friendly materials can be written on and therefore easily allocated to vehicles and objects. Available in various colours.

### Key tags with text area

| Code no. | Description | Version        | Colour     | Price EUR |
|----------|-------------|----------------|------------|-----------|
| 241 365  | Key tag     | with text area | Blue       | 12.80     |
| 241 375  | Key tag     | with text area | Light Grey | 12.80     |
| 241 385  | Key tag     | with text area | Violet     | 12.80     |
| 241 395  | Key tag     | with text area | Red        | 12.80     |
| 241 405  | Key tag     | with text area | Yellow     | 12.80     |
| 241 415  | Key tag     | with text area | Green      | 12.80     |



100 pcs. per unit

### Key tags with straps

| Code no. | Description | Version    | Colour | Price EUR |
|----------|-------------|------------|--------|-----------|
| 241 305  | Key tag     | with strap | Blue   | 29.00     |
| 241 315  | Key tag     | with strap | Green  | 29.00     |
| 241 325  | Key tag     | with strap | Red    | 29.00     |
| 241 335  | Key tag     | with strap | Orange | 29.00     |
| 241 345  | Key tag     | with strap | Yellow | 29.00     |
| 241 355  | Key tag     | with strap | White  | 29.00     |



delivered as 1000 pcs. on a roll

## Wheel/tyre tags

- easy identification, no more searching
- quick and easy to attach, reusable
- label stays dry



**NEW**



| Code no. | Description                  | sales unit | Length | Price EUR |
|----------|------------------------------|------------|--------|-----------|
| 241 505  | Wheel/tyre tags incl. labels | 100 pcs.   | 90 cm  | 59.90     |
| 241 515  | Wheel/tyre tags incl. labels | 50 pcs.    | 110 cm | 32.90     |
| 241 525  | Labels for wheel/tyre tags   | 100 pcs.   |        | 3.40      |

## Compressed air cleaning kit

Keep your cab clean with the compressed air cleaning kit for HGV's. Comprises an airgun with 5 m spiral cable, adapter pieces, air-line with T-piece and clip-on coupling. Simple connection to the air-line of driver's seat.

| Code no. | Description                 | Price EUR |
|----------|-----------------------------|-----------|
| 433 203  | Compressed air cleaning kit | 29.90     |



## Universal HGV seat-covers

suitable for: DAF, ERF, Iveco, MAN, Mercedes, Renault, Scania, Volvo.

The fabric cover has holes for arm-rests and is suitable for seats with or without safety belts.

Holes for arm-rests



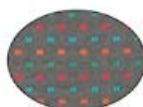
For seats without head-rests, use the head-rest cover as a storage pocket.

The small plastic bar enables covers to be secured on seats which are inaccessible from the rear.



Fits seats with or without safety belt.

**THE DETAILS MAKE THE DIFFERENCE!**



colour grey  
215 115



colour blue  
215 125



colour black  
215 135



| Code no. | Description              | Colour | Price EUR |
|----------|--------------------------|--------|-----------|
| 215 115  | Universal HGV seat-cover | Grey   | 37.90     |
| 215 125  | Universal HGV seat-cover | Blue   | 37.90     |
| 215 135  | Universal HGV seat-cover | Black  | 37.90     |



Velcro fastener  
for head-rests



Zip



Opening for  
safety belt



Velcro fastener for  
belt retractor



**THE DETAILS MAKE THE DIFFERENCE!**

## Universal van seat-covers

The fabric cover has holes for safety belt and velcro-fasteners for headrest and belt retractor. Complete kit consists of: 1 cover for single seat, 1 bench seat cover, 3 headrest covers.

Suitable for the following vehicles from year of manufacture 1999 onwards:

Citroen Jumpy and Jumper, Fiat Ducato and Scudo, Ford Transit, Iveco Daily, Mercedes Sprinter and Vito, Nissan Trade, Opel Movano, Peugeot Expert and Boxer, Renault Trafic and Master, Renault Mascott, Toyota Hiace 8/95, VW Transporter and LT.



colour grey  
215 255



colour blue  
215 265



colour black  
215 275

| Code no. | Description              | Colour | Price EUR |
|----------|--------------------------|--------|-----------|
| 215 255  | Universal van seat-cover | Grey   | 68.00     |
| 215 265  | Universal van seat-cover | Blue   | 68.00     |
| 215 275  | Universal van seat-cover | Black  | 68.00     |



## Universal seat covers

Seat covers keep HGV and passenger car seats clean. Plastic, washable, anti-slip coated, reusable.

| Code no. | Description | Colour | Price EUR | from 8 pc. EUR |
|----------|-------------|--------|-----------|----------------|
| 215 311  | Seat cover  | Black  | 12.90     | 9.90           |

**PROVEN QUALITY!**

## Self-adhesive accident wrap

To seal broken glass areas and door cracks after an accident. Protects the inside of the vehicle against rain and dirt and the pursuing traffic against insecure vehicle parts. Doesn't leave any adhesive marks on glass, metal or synthetic material when removed.



| Code no. | Description                        | Width | Length | Price EUR |
|----------|------------------------------------|-------|--------|-----------|
| 980 025  | Self-adhesive accident wrap (roll) | 0.6 m | 10 m   | 15.00     |
| 980 015  | Self-adhesive accident wrap (roll) | 0.6 m | 100 m  | 84.00     |
| 980 005  | Self-adhesive accident wrap (roll) | 0.8 m | 100 m  | 110.00    |

## Tarpaulins

Air-permeable tarpaulins to cover all sorts of cargo. The tarps are made of UV-resistant material with reinforced edging and eyelets at intervals of 0.50 m.

| Code no. | Description | Colour | Dimensions | Weight               | Price EUR |
|----------|-------------|--------|------------|----------------------|-----------|
| 511 507  | Tarp        | Green  | 3.5 x 5 m  | 200 g/m <sup>2</sup> | 74.50     |
| 511 607  | Tarp        | Green  | 3.5 x 6 m  | 200 g/m <sup>2</sup> | 89.50     |
| 511 707  | Tarp        | Green  | 3.5 x 7 m  | 200 g/m <sup>2</sup> | 104.00    |
| 511 807  | Tarp        | Green  | 3.5 x 8 m  | 200 g/m <sup>2</sup> | 119.00    |



## Cargo netting

Rope meshing made of high-strength polypropylene for transportation of various open loads and for covering loaded containers. Mesh width approx. 45 mm.

| Code no. | Description | Colour | Dimensions | Material thickness | Price EUR |
|----------|-------------|--------|------------|--------------------|-----------|
| 511 007  | Cargo net   | Green  | 3 x 5 m    | 3,0 mm             | 54.00     |
| 511 107  | Cargo net   | Green  | 3 x 6 m    | 3,0 mm             | 64.00     |
| 511 207  | Cargo net   | Green  | 3 x 7 m    | 3,0 mm             | 68.00     |
| 511 307  | Cargo net   | Green  | 3 x 8 m    | 3,0 mm             | 75.00     |



## Hail protection covers

Available in 3 different sizes, protects your own vehicles and stored vehicles against hail damage. TÜV-certified, avoids bodywork damage by hailstones up to Ø 2.5 cm. The top side of the covering is coated, waterproof and tearproof. The underside is coated with a cushioning cotton fleece which prevents the surface of the car body from being scratched. To fasten with 14 length-adjustable rubber straps with plastic hooks. Delivery and storage of the hail protection cover in plastic case.



| Code no. | Description                                     | Size | Dimensions     | Price EUR |
|----------|---|------|----------------|-----------|
| 980 075  | Hail protective cover for compact vehicles      | S    | 2300 x 4200 mm | 115.00    |
| 980 085  | Hail protective cover for medium-sized vehicles | M    | 2400 x 4750 mm | 120.00    |
| 980 095  | Hail protective cover for luxury vehicles       | L    | 2500 x 5200 mm | 126.00    |







433 324



433 354



433 384

Industrial+:  
with roughened sur-  
face on one side for  
optimal cleaning



| Code no. | Description | Container     | Contents | Type        | Price EUR |
|----------|-------------|---------------|----------|-------------|-----------|
| 433 324  | Hand wipes  | pack          | 10 wipes | Industrial  | 1.99      |
| 433 354  | Hand wipes  | dispenser box | 40 wipes | Industrial  | 6.90      |
| 433 384  | Hand wipes  | dispenser box | 80 wipes | Industrial+ | 15.50     |



## OIL CLEAN liquid

Special cleaner to remove oil stained and extremely soiled roads, on floors, machines, vehicles, on metals, synthetics, glass, tiles etc. OIL CLEAN liquid cleans oil-stained surfaces completely. The cleaner is eco-friendly, bio-degradable and contains no dangerous components. If used with high pressure cleaners it can be mixed with water (1:20), the cleaning power remains consistent.

| Code no. | Description      | Container | Con-<br>tents | Price<br>EUR |
|----------|------------------|-----------|---------------|--------------|
| 900 506  | OIL CLEAN liquid | Sprayer   | 1 L           | 8.50         |
| 900 526  | OIL CLEAN liquid | Canister  | 5 L           | 24.80        |

## Clean set

Clean set to prevent vehicle interiors from getting dirty.

Contains 1 seat cover, 1 paperplast footmat, 1 steering wheel cover, 1 gear knob cover, 1 handbrake cover.



901 605



| Code no. | Description              | Quantitiy | Price EUR |
|----------|--------------------------|-----------|-----------|
| 901 505  | Clean set                | 100 Sets  | 69.00     |
| 901 605  | Wall mount for clean set |           | 17.90     |

**EXTREMELY ABSORBENT!**

Cleaning

## ProLux oil binder

The ProLux oil-binding granulate corresponds to the standards of the German Ministry of environment and reactor safety as oil binder type III R. The oil binder is especially suitable for use on roads, and therefore of interest to recovery operators and fire brigades. Thanks to its fine granules it penetrates the smallest of cracks and cavities, and remains effective in wind or bad weather. Optimal skid resistance also in case the granulate is completely soaked. For small or large area application inside and outside.

Advantages:

- Apparent density: ca. 520 g/ltr.
  - Absorbency: 20 kg oil binder granulate binds approx. 18ltr. oil
  - Binds oil, fuel, battery acid and other chemicals
- 21 sacks to a unit price of 14.90 Euro = 312.90 Euros  
36 sacks to a unit price of 13.40 Euro = 482.40 Euros



| Code no. | Description                                      | Price/sack EUR |
|----------|--|----------------|
| 900 406  | ProLux oil binder 20 kg sack                     | 16.20          |
| 900 426  | ProLux oil binder 20 kg sack, 21 units on pallet | 14.90          |
| 900 436  | ProLux oil binder 20 kg sack, 36 units on pallet | 13.40          |

## Water tank

White plastic water tank, with integrated soap dispenser and 30 litre capacity. The corresponding holder enables underbody or chassis mounting.



| Code no. | Description                         | Filling quantity | Price EUR |
|----------|-------------------------------------|------------------|-----------|
| 460 975  | Water tank                          | 30 L             | 54.00     |
| 460 985  | Powder-coated holder for water tank |                  | 31.90     |

Bits and bobs



## Recovery truck with off-roader

This true to detail tow truck is a great toy. Wheel grippers, crane, slidebed and wheel lift: what a piece of kit! Offroader included in delivery



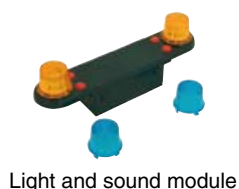
| Code no. | Description                    | Length | Price EUR |
|----------|--------------------------------|--------|-----------|
| 990 837  | Recovery truck with off-roader | 500 mm | 39.50     |

## MB Sprinter

Sprinter tow truck with offroader. Great fun for young and old.



| Code no. | Description        | Length | Price EUR |
|----------|--------------------|--------|-----------|
| 990 857  | Sprinter tow truck | 440 mm | 35.50     |



Light and sound module

## Breakdown crane

With tilting cab. 360° swivelling boom, telescopic boom adjustable in length and height. With props and optional light and sound module for engine noise, siren, horn and flashlight.

| Code no. | Description            | Length | Price EUR |
|----------|------------------------|--------|-----------|
| 990 327  | Breakdown crane        | 430 mm | 34.50     |
| 990 337  | Light and sound module |        | 5.80      |

## Lego slidebed

Model truck with battery powered slidebed. With over 1000 pieces, this has a fun guarantee!

| Code no. | Description   | Length | Price EUR |
|----------|---------------|--------|-----------|
| 990 577  | Lego slidebed | 420 mm | 59.90     |



## LEGO crane truck

This massive, realistic crane truck is called to duty when the biggest and heaviest elements need to be moved into place! Use the Power Functions control box on the side of the truck to unfold, raise and lower the motorised crane arm and to extend the outriggers to stabilise the load. Rebuilds into a Duty Wrecker. 53cm x 56cm.



| Code no. | Description | Version              | Price EUR |
|----------|-------------|----------------------|-----------|
| 990 587  | LEGO truck  | With motorised crane | 159.00    |



## Chevrolet tow truck

The legendary tow truck as a one to one replica with friction motor and doors that open. Available in various colours.



| Code no. | Description         | Length | Price EUR |
|----------|---------------------|--------|-----------|
| 990 457  | Chevrolet tow truck | 130 mm | 8.90      |



## Models

True to detail, to play or display

| Code no. | Description                 | Length | Price EUR |
|----------|-----------------------------|--------|-----------|
| 990 847  | Car transporter with 4 cars | 320 mm | 12.00     |

## Recovery truck collectibles

True to detail replicas, a real eye-catcher in every showcase or on the reception desk. Scale 1:50, zinc diecasted, with several moving parts. An optical delight for insiders and treasured by collectors.

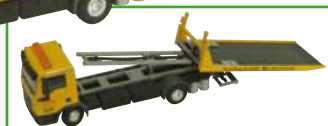


990 037

**NEW**



990 077



990 087



990 097



990 127



990 137

| Code no. | Description                                   | Length | Price EUR |
|----------|---|--------|-----------|
| 990 037  | Recovery truck SCANIA Topliner                | 200 mm | 74.90     |
| 990 077  | Slidebed MAN TGL                              | 160 mm | 62.90     |
| 990 087  | Recovery truck SCANIA Hauber wrecker 1:50     | 200 mm | 74.90     |
| 990 097  | Recovery truck SCANIA R Lowliner wrecker 1:50 | 200 mm | 74.90     |
| 990 127  | Recovery truck DAF XF105 SSC wrecker 1:50     | 200 mm | 74.90     |
| 990 137  | Recovery truck MB ACTROS (VBA)                | 200 mm | 74.90     |

## Models for collectors

True to original and very traditional, amazing metal models for collection and display, 1:18. With a lot of details, opening bonnets and doors, functional steering. The model is mounted on a base with inscription plate.



990 395



| Code no. | Description                    | Length | Price EUR |
|----------|--------------------------------|--------|-----------|
| 990 395  | 1931 Ford Pickup type A , red. | 230 mm | 49.00     |

## Greatest Tow Trucks Volume 8

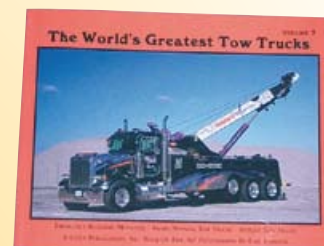
The latest edition of the popular series. This time Grace Hawkins and Earl Johnson have been around the world to take breathtaking top quality pictures of heavy recovery vehicles.



| Code no. | Description                  | Price EUR |
|----------|------------------------------|-----------|
| 300 285  | Greatest Tow Trucks Volume 8 | 22.50     |

## Greatest Tow Trucks Volume 6 + 7

Further versions in colour print made by Lotus Publications. Again, Grace Hawkins and Earl Johnson have managed to publish the latest highlights in the world of tow trucks in customary outstanding quality in these books (original American editions).



| Code no. | Description                  | Price EUR |
|----------|------------------------------|-----------|
| 300 265  | Greatest Tow Trucks Volume 6 | 22.50     |
| 300 275  | Greatest Tow Trucks Volume 7 | 22.50     |

## Towing and recovery trucks

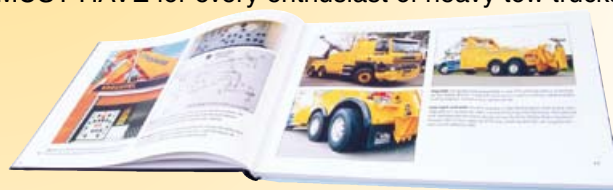
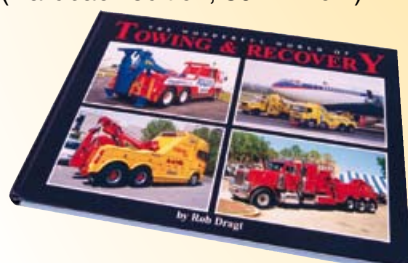
From the classical tow truck to a four-axle made to spec, illustrated with fascinating colour pictures and technical drawings - for dedicated towmen. With a lot of details. Size 21 x 24 cm, 160 pages. In German.



| Code no. | Description                | Price EUR |
|----------|----------------------------|-----------|
| 300 328  | Towing and recovery trucks | 28.90     |

## Heavy tow trucks in action

Nearly 300 brilliant colour pictures on more than 100 pages give a realistic insight into the world of heavy tow trucks. Various tow trucks, mostly European manufacturers, some photos taken during recovery in excellent quality. Pictures of telescopic and double mast cranes and air cushion recoveries complete this book. THE WONDERFUL WORLD OF TOWING & RECOVERY – a MUST HAVE for every enthusiast of heavy tow trucks. (Hardback edition, 30 x 22 cm)



| Code no. | Description                              | Price EUR |
|----------|--|-----------|
| 300 315  | The wonderful world of towing & recovery | 35.00     |

## Heavy recovery trucks in Germany

When these trucks roll out to a recovery, they are the stars of the operation. Optically and technically impressive 3 and 4 axle trucks from Germany for the first time in detail from German recovery truck expert Klaus Lassen. He explains the history of winch cable, winch technology and everyday life of the recovery operator. Model builders will like the way the trucks are illustrated from all sides. Hard cover book with approximately 600 pictures on 288 pages, 28 x 21cm.



| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 300 335  | Heavy recovery trucks in Germany | 38.00     |



## Hinged tool cabinets with gas props

Stainless steel tool cabinet with gas props. Built-in security lock, upward opening lid. 140° opening angle for easy access.



| Code no. | Description  | Closures | Width   | Height | Depth  | Price EUR |
|----------|--------------|----------|---------|--------|--------|-----------|
| 421 234  | Tool cabinet | 1        | 600 mm  | 500 mm | 500 mm | 389.00    |
| 421 254  | Tool cabinet | 1        | 800 mm  | 500 mm | 500 mm | 399.00    |
| 421 354  | Tool cabinet | 1        | 1000 mm | 500 mm | 500 mm | 439.00    |
| 421 454  | Tool cabinet | 2        | 1200 mm | 500 mm | 500 mm | 599.00    |

| Code no. | Description   | Height | Depth  | Price EUR |
|----------|---|--------|--------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm | 92.00     |



420 557 + 420 577  
Universal  
underground retainer



floor grid not included in delivery!  
(code-no. 422 495, see page 118)

## Hinged tool cabinets

Stainless steel tool cabinet with integrated stainless steel security locks. Downward opening lid.



| Code no. | Description  | Closures | Width   | Height | Depth  | Price EUR |
|----------|--------------|----------|---------|--------|--------|-----------|
| 422 114  | Tool cabinet | 1        | 500 mm  | 350 mm | 400 mm | 189.00    |
| 422 124  | Tool cabinet | 1        | 600 mm  | 400 mm | 500 mm | 239.00    |
| 422 134  | Tool cabinet | 1        | 800 mm  | 500 mm | 500 mm | 329.00    |
| 422 144  | Tool cabinet | 1        | 1000 mm | 500 mm | 500 mm | 359.00    |
| 422 154  | Tool cabinet | 2        | 1200 mm | 500 mm | 500 mm | 499.00    |
| 422 164  | Tool cabinet | 2        | 1450 mm | 500 mm | 500 mm | 625.00    |

| Code no. | Description   | Height | Depth  | Price EUR |
|----------|---|--------|--------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm | 92.00     |



420 557 + 420 577  
Universal  
underground retainer



## Stainless steel sliding boxes

These fully extending stainless steel boxes are particularly suitable for low transport vehicles. Model for fire extinguisher 6 - 9 kg up to Ø 180 mm or with collecting tray for straps and other materials. V2A rotary bolt lock mechanism.



| Code no. | Description              | Width  | Height | Depth  | Price EUR |
|----------|--------------------------|--------|--------|--------|-----------|
| 420 754  | Extinguisher sliding box | 340 mm | 315 mm | 705 mm | 309.00    |
| 420 764  | Sliding storage box      | 340 mm | 315 mm | 705 mm | 433.00    |



## Module VM SP

Delivery pre-assembled.

### Scope of Delivery:

Side panels with edge protection  
1 x Drawer with anti-slip mat, 150mm high  
2 x Drawer with anti-slip mat, 100 mm high  
1 x Tray type D with anti-slip mat and 1 partitioner  
1 x Fixing kit



Rear view/  
side view



| Code no. | Description      | Dimensions               | Weight  | Price EUR |
|----------|------------------|--------------------------|---------|-----------|
| 130 257  | Module VM SP 340 | W 775 x D 340 x H 500 mm | 19,9 kg | 559.00    |
| 130 267  | Module VM SP 440 | W 775 x D 440 x H 500 mm | 25.0 kg | 599.00    |



## Starter package M

Delivery pre-assembled.

left: W 1775 x D 340 x H 1000mm

right: W 1025 x D 440 x H 1000mm

NEW

| Code no. | Description                                       | Weight | Price EUR |
|----------|---|--------|-----------|
| 130 287  | Starter package M (including assembly in vehicle) | 83 kg  | 1,695.00  |
| 130 237  | Foldable workplate                                |        | 297.00    |

### Scope of Delivery:

Configuration left:  
Sides with edge protection  
1x drop front with tie-down fittings  
1x drop front with cargo stowage set  
2x VarioSafe, removable  
3x trays type D with anti-slip mats and partitions  
1x box shelf with 4 VarioBoxes

Configuration right:  
Sides with edge protection  
1x drop front with tie-down fittings  
2x VarioSort with 22 boxes  
1x reverse cabinet with 3 drawers (H125, 150 and 175mm) and anti-slip mats  
1x tray type D with anti-slip mats and partition  
1x lashing strap with cam buckle

NEW

## Standard module M541

Delivery pre-assembled.



| Code no. | Description          | Dimensions                 | Weight | Price EUR |
|----------|----------------------|----------------------------|--------|-----------|
| 130 687  | Standard module M541 | W 1275 x D 440 x H 1000 mm | 48 kg  | 995.00    |
| 130 237  | Foldable workplate   |                            |        | 297.00    |

### Scope of Delivery:

Sides with edge protection  
1x drop front with 2 cargo stowage elements  
1x drawer with anti-slip mat, 150mm high  
2x VarioSort, removable with 22 boxes for small parts  
1x flap drawer with 5 VarioBoxes  
1x tray type D with anti-slip mat and 2 partitions  
1x mounting kit

NEW

## Standard module M641

Delivery pre-assembled.



| Code no. | Description          | Dimensions                 | Weight | Price EUR |
|----------|----------------------|----------------------------|--------|-----------|
| 130 697  | Standard module M641 | W 1525 x D 440 x H 1000 mm | 63 kg  | 1,385.00  |
| 130 237  | Foldable workplate   |                            |        | 297.00    |

### Scope of Delivery:

Sides with edge protection  
1x drop front with floor bracket and 2 cargo stowage elements  
3x drawer with anti-slip mat, 100, 150 and 200mm high  
1x VarioSafe extendable/removable with 1 partition  
1x VarioCase, 83mm high with 21 boxes on shelf  
1x VarioCase, 83mm high with adjustable partitions on shelf  
1x tray type D with anti-slip mat and 2 partitions  
1x mounting kit



Flexible-Variable-Modular-Secure



ADVICE · PLANNING · ASSEMBLY  
FROM PROLUX



CAD planning



Individual solutions for  
your breakdown vehicle  
from EUR 1,900

## Bott Vario - the basis of your efficiency

### ■ light

Intelligent material combinations and consistency of component constructions, for more payload with less empty weight

### ■ value for money

Without compromise in strength and stability, designed for a long operational life

### ■ secure

High quality finish and crash-tested according to ECE R44, because your safety is priority number one.

### ■ modular

Individual planning and configuration for the perfect space organisation according to your requirements

### ■ attractive

The Bott Vario design makes your place of work a way of life and guarantees an impressive appearance



Make an enquiry and we'll send you a non-binding offer



**bott**



## Tool boxes RIMBOX

Made of superior resistant polyurethane. The boxes offer the following advantages: Stability thanks to two circumferential inner steel bands, robust plastic shelf, 3-point locking - thus only one handle necessary (type 105 with 2 handles), splash-proof, very stable lid thanks to internal profile. UV, oil and acid-proof. Incl. 4 mounting brackets for fixing on vehicle floor.

KBA (Federal Office for Motor Vehicles) accredited as underride protection (except type 107).

Order interior  
lighting too!  
See page 62



Type 107



Type 101



Type 105

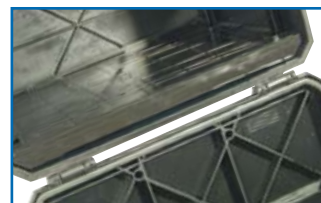


Type 104



Type 106

420 557 + 420 577  
Universal  
underground  
retainer



incl. mounting  
brackets to  
fasten on  
vehicle floor



| Code no. | Description   | Width   | Height | Depth  | Price EUR |
|----------|---|---------|--------|--------|-----------|
| 468 002  | Tool box type 101   | 440 mm  | 400 mm | 480 mm | 162.00    |
| 468 052  | Tool box type 102   | 600 mm  | 450 mm | 480 mm | 179.00    |
| 468 102  | Tool box type 103   | 750 mm  | 430 mm | 450 mm | 214.00    |
| 468 152  | Tool box type 104   | 750 mm  | 430 mm | 550 mm | 216.00    |
| 468 202  | Tool box type 105   | 1040 mm | 490 mm | 480 mm | 279.00    |
| 468 252  | Tool box type 106   | 750 mm  | 290 mm | 450 mm | 183.00    |
| 468 302  | Tool box type 107   | 680 mm  | 660 mm | 525 mm | 269.00    |
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised |         | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised |         | 600 mm | 700 mm | 92.00     |



## Tool box

Tough shape-retaining polyethylene toolboxes. Resistent against acid, oil, solvents, ultraviolet light and frost. Twist-lock, innovative watertight lid, ribbed impact resistant exterior. Delivered with a watertight floor element which can also be used as a shelf.

**NEW**


| Code no. | Description | Handles | Width   | Height | Depth  | Price EUR |
|----------|-------------|---------|---------|--------|--------|-----------|
| 461 001  | Tool box    | 1       | 400 mm  | 350 mm | 400 mm | 75.00     |
| 461 021  | Tool box    | 1       | 500 mm  | 350 mm | 400 mm | 107.00    |
| 461 041  | Tool box    | 2       | 600 mm  | 450 mm | 470 mm | 127.00    |
| 461 061  | Tool box    | 2       | 600 mm  | 450 mm | 650 mm | 169.00    |
| 461 081  | Tool box    | 2       | 700 mm  | 450 mm | 470 mm | 183.00    |
| 461 101  | Tool box    | 2       | 700 mm  | 450 mm | 650 mm | 184.00    |
| 461 121  | Tool box    | 2       | 750 mm  | 360 mm | 350 mm | 128.00    |
| 461 141  | Tool box    | 2       | 800 mm  | 450 mm | 470 mm | 167.00    |
| 461 161  | Tool box    | 2       | 1000 mm | 500 mm | 470 mm | 183.00    |
| 461 181  | Tool box    | 2       | 1000 mm | 500 mm | 650 mm | 238.00    |

| Code no. | Description                           | Height support | Price/set EUR |
|----------|---------------------------------------|----------------|---------------|
| 461 201  | 4 piece mounting kit for PE toolboxes | 400 mm         | 9.60          |
| 461 221  | 4 piece mounting kit for PE toolboxes | 500 mm         | 9.30          |
| 461 241  | 4 piece mounting kit for PE toolboxes | 550 mm         | 10.90         |



| Code no. | Description   | Height | Depth  | Price EUR |
|----------|---|--------|--------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm | 92.00     |

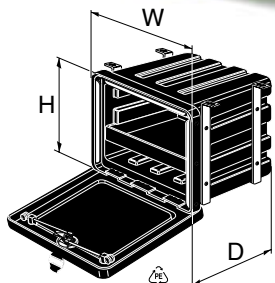


420 557 + 420 577  
Universal  
underground  
retainer



## Tool boxes made of rugged HD-PE plastics

- new lockable rust-free closures
- approved as side underride protection
- waterspray-proof, withstands frost
- light and robust
- resistant against oil, acid, solvents and UV
- drawers and mounting kit optional



### Type 1 - Dimensions: W 600 x H 460 x D 500 mm

| Code no. | Description     | Fastening               | Price EUR |
|----------|-----------------|-------------------------|-----------|
| 467 025  | Tool box type 1 | quick-release fasteners | 159.00    |
| 466 005  | Retainer kit    |                         | 31.00     |
| 467 005  | Drawer          |                         | 18.20     |



### Type 3 - Dimensions: W 600 x H 460 x D 450 mm

| Code no. | Description     | Fastening               | Price EUR |
|----------|-----------------|-------------------------|-----------|
| 467 125  | Tool box type 3 | quick-release fasteners | 166.00    |
| 466 155  | Retainer kit    |                         | 31.00     |
| 467 155  | Drawer          |                         | 18.20     |



### Type 6 - Dimensions: W 630 x H 545 x D 600 mm

| Code no. | Description     | Fastening               | Price EUR |
|----------|-----------------|-------------------------|-----------|
| 467 225  | Tool box type 6 | quick-release fasteners | 184.00    |
| 466 205  | Retainer kit    |                         | 36.00     |
| 467 205  | Drawer          |                         | 18.20     |



### Type 8 - Dimensions: W 820 x H 540 x D 600

| Code no. | Description     | Fastening               | Price EUR |
|----------|-----------------|-------------------------|-----------|
| 467 325  | Tool box type 8 | quick-release fasteners | 195.00    |
| 466 305  | Retainer kit    |                         | 58.00     |
| 467 305  | Drawer          |                         | 28.00     |



### Type 10 - Dimensions: W 900 x H 510 x D 470 mm

| Code no. | Description      | Fastening               | Price EUR |
|----------|------------------|-------------------------|-----------|
| 467 425  | Tool box type 10 | quick-release fasteners | 182.00    |
| 466 375  | Retainer kit     |                         | 39.00     |



### Type 13 - Dimensions: W 650 x H 350 x D 320 mm

| Code no. | Description      | Fastening               | Price EUR |
|----------|------------------|-------------------------|-----------|
| 467 525  | Tool box type 13 | quick-release fasteners | 129.00    |
| 466 405  | Retainer kit     |                         | 28.00     |
| 467 405  | Drawer           |                         | 18.20     |

**Type 15 - Dimensions: W 650 x H 350 x D 440 mm**

| Code no. | Description      | Fastening               | Price EUR |
|----------|------------------|-------------------------|-----------|
| 467 625  | Tool box type 15 | quick-release fasteners | 153.00    |
| 466 455  | Retainer kit     |                         | 30.00     |
| 467 455  | Drawer           |                         | 18.20     |

**Type 16 - Dimensions: W 650 x H 400 x D 430 mm**

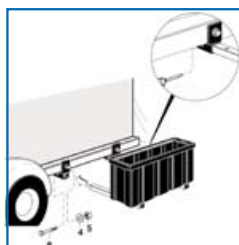
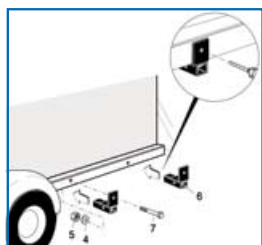
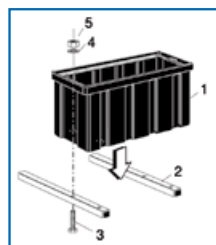
| Code no. | Description      | Fastening               | Price EUR |
|----------|------------------|-------------------------|-----------|
| 467 725  | Tool box type 16 | quick-release fasteners | 153.00    |
| 466 505  | Retainer kit     |                         | 30.00     |
| 467 505  | Drawer           |                         | 18.20     |

**Type 17 - Dimensions: W 1200 x H 630 x D 550 mm**

| Code no. | Description                   | Fastening               | Price EUR |
|----------|-------------------------------|-------------------------|-----------|
| 467 825  | Tool box type 17              | quick-release fasteners | 329.00    |
| 466 555  | Retainer kit, already mounted |                         | 125.00    |
| 467 555  | Drawer                        |                         | 18.20     |

**Storage box for trailers - with hinged lid and security lock, D 220 mm**

| Code no. | Description            | Fastening     | Width  | Height | Price EUR |
|----------|------------------------|---------------|--------|--------|-----------|
| 465 825  | Storage box type 01    | security lock | 645 mm | 300 mm | 81.00     |
| 465 845  | Storage box type 03    | security lock | 510 mm | 215 mm | 81.00     |
| 465 865  | Storage box type 04    | security lock | 645 mm | 250 mm | 81.00     |
| 466 805  | Universal retainer kit |               |        |        | 39.00     |

**HD-PE plastic flatbed cases**

Spacious, stable and lockable.  
Lid opening up to 110°, supported with chains.  
Rain and splashproof, unaffected by frost.  
Resistant against oil, acid, solvent and uv-light.



| Code no. | Description  | Dimensions                | Price EUR |
|----------|--------------|---------------------------|-----------|
| 467 905  | Flatbed case | W 800 x H 400 x D 400 mm  | 285.00    |
| 467 925  | Flatbed case | B 1000 x H 400 x T 400 mm | 309.00    |
| 467 965  | Flatbed case | B 1350 x H 400 x T 400 mm | 369.00    |



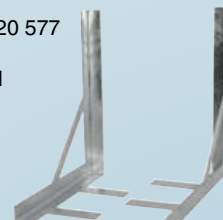
## Stainless steel tool cabinets

Stable satin stainless steel tool cabinet. With smooth-running rolling aluminium shutter. Dust and splash protected thanks to rubber profile gasket all around.

All aluminium parts are powder-coated (in RAL 7035 - light grey), and therefore very smooth-running, silent and easy to maintain. Special sizes available!



420 557 + 420 577  
Universal  
underground  
retainer



| Code no. | Description                     | Version  | Width   | Height | Depth  | Price EUR |
|----------|---------------------------------|----------|---------|--------|--------|-----------|
| 423 005  | Stainless steel tool cabinet    | Shutters | 500 mm  | 500 mm | 500 mm | 520.00    |
| 423 055  | Stainless steel tool cabinet    | Shutters | 600 mm  | 500 mm | 500 mm | 550.00    |
| 423 105  | Stainless steel tool cabinet    | Shutters | 800 mm  | 500 mm | 500 mm | 610.00    |
| 423 205  | Stainless steel tool cabinet    | Shutters | 1000 mm | 500 mm | 500 mm | 640.00    |
| 423 305  | Stainless steel tool cabinet    | Shutters | 1200 mm | 500 mm | 500 mm | 690.00    |
| 423 315  | Tool cabinet with shelf support | Shutters | 1200 mm | 500 mm | 500 mm | 720.00    |
| 423 915  | Stainless steel tool cabinet    | Shutters | 700 mm  | 600 mm | 600 mm | 590.00    |
| 423 925  | Stainless steel tool cabinet    | Shutters | 900 mm  | 600 mm | 600 mm | 690.00    |
| 423 955  | Stainless steel tool cabinet    | Shutters | 1100 mm | 600 mm | 600 mm | 750.00    |
| 423 975  | Stainless steel tool cabinet    | Shutters | 1300 mm | 600 mm | 600 mm | 810.00    |

| Code no. | Description   | Height | Depth  | Voltage | Price EUR |
|----------|---|--------|--------|---------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm |         | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm |         | 92.00     |
| 424 405  | LED interior lighting   |        |        | 12 V    | 79.00     |
| 424 415  | LED interior lighting   |        |        | 24 V    | 79.00     |
| 423 395  | Shelf, waterproof-glued, for cabinet 423 315                    |        |        |         | 29.50     |



## Drawer installation sets

Stainless steel drawer kits, suitable for V2A tool cabinets with shutter or downward opening flap. Stable, welded construction, each 80 mm high. Heavy-duty fully extendable drawers with 60 kg loading capacity. Easy to install!



| Code no. | Description             | Cabinet width | Drawers | Price/set EUR |
|----------|-------------------------|---------------|---------|---------------|
| 423 713  | Drawer installation set | 800 mm        | 1       | 265.00        |
| 423 723  | Drawer installation set | 800 mm        | 2       | 505.00        |
| 423 733  | Drawer installation set | 800 mm        | 3       | 739.00        |
| 423 763  | Drawer installation set | 1000 mm       | 1       | 299.00        |
| 423 773  | Drawer installation set | 1000 mm       | 2       | 555.00        |
| 423 783  | Drawer installation set | 1000 mm       | 3       | 809.00        |
| 423 813  | Drawer installation set | 1200 mm       | 1       | 319.00        |
| 423 823  | Drawer installation set | 1200 mm       | 2       | 595.00        |
| 423 833  | Drawer installation set | 1200 mm       | 3       | 875.00        |



## Roller shutter installation kits

The roller shutters for our stainless steel tool cabinets have been popular amongst body builders for years. Delivery includes: curve-guide, guide rails, handles, lock, rain duct and gaskets. All aluminium parts are powder-coated (RAL 7035 - light grey). Other sizes available on request!

| Code no. | Description                     | Width   | Height | Price EUR |
|----------|---------------------------------|---------|--------|-----------|
| 421 507  | Roller shutter installation kit | 450 mm  | 400 mm | 125.00    |
| 421 557  | Roller shutter installation kit | 550 mm  | 400 mm | 145.00    |
| 421 607  | Roller shutter installation kit | 750 mm  | 400 mm | 165.00    |
| 421 707  | Roller shutter installation kit | 950 mm  | 400 mm | 195.00    |
| 421 807  | Roller shutter installation kit | 1150 mm | 400 mm | 215.00    |
| 421 017  | Roller shutter installation kit | 600 mm  | 480 mm | 175.00    |
| 421 027  | Roller shutter installation kit | 800 mm  | 480 mm | 195.00    |
| 421 057  | Roller shutter installation kit | 1000 mm | 480 mm | 215.00    |
| 421 077  | Roller shutter installation kit | 1200 mm | 480 mm | 235.00    |
| 421 129  | Roller shutter installation kit | 540 mm  | 560 mm | 185.00    |
| 421 119  | Roller shutter installation kit | 1140 mm | 560 mm | 255.00    |
| 421 139  | Roller shutter installation kit | 1040 mm | 560 mm | 265.00    |



Also available with sprung shaft for automatic winding of shutter



Smooth operation, quiet and easy to clean



**SIMPLE!  
PRACTICAL!  
ELEGANT!**

Roller shutter kits in special sizes and millimetre precision. With barrel arbor for larger sizes on request. Double handles, electrical central locking etc.

Ask us for prices on your required sizes!

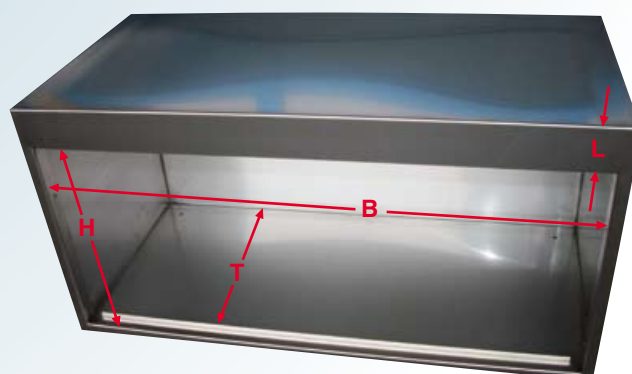
W: clear width (up to 2200 mm possible)

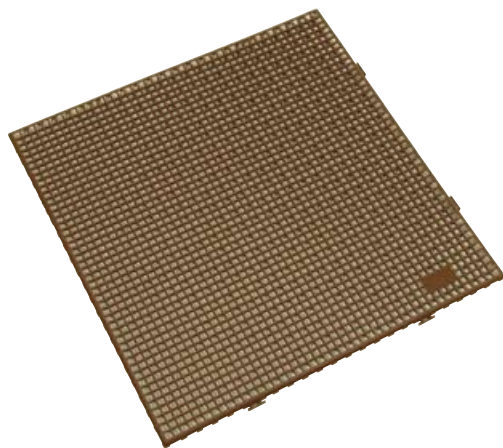
H: clear height (up to 2200 mm possible)

L: height of faceplate (min. 75 mm necessary)

D: inner depth

**ROLLER SHUTTER  
INSTALLATION KITS  
IN NON-STANDARD  
DIMENSIONS**





### Floor grid

Recommended for all tool boxes and cabinets, particularly those made of steel plate. Protects the bottom of box/cabinet, tools, tie-down straps etc. against wetness and corrosion. Drainage effect when exposed to moisture. Floor grids are equipped with plug-in noses on all sides and are therefore extendable, but can also be cut to size. Very hard-wearing robust plastic, 15 mm high.



| Code no. | Description | Dimensions   | Price EUR |
|----------|-------------|--------------|-----------|
| 422 495  | Floor grid  | 600 x 600 mm | 12.30     |

### Universal underfloor retainer kit, 2 pieces, hot-dip galvanised

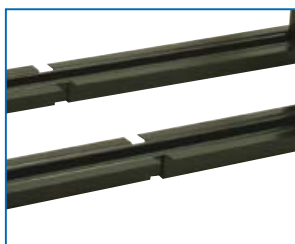
Stable and galvanised. Suitable for all catalogue tool cabinets, available in 2 sizes.



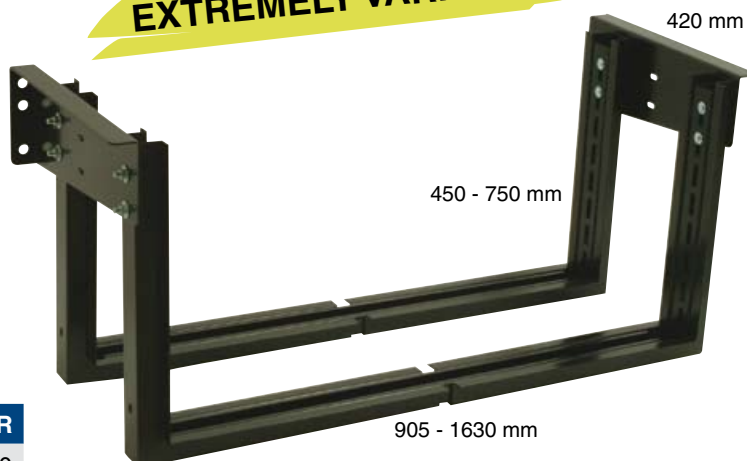
| Code no. | Description   | Height | Depth  | Price EUR |
|----------|---|--------|--------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm | 92.00     |

### Vario underground retainer

For large and heavy tool cabinets. Finely adjustable thanks to pre-drilled holes. Steel profile, 2 mm thick, black powder-coated against corrosion.



**EXTREMELY VARIABLE!**

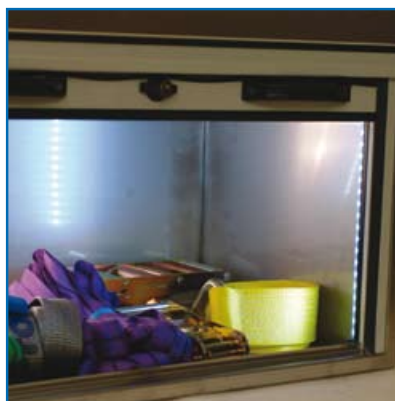


| Code no. | Description                | Price EUR |
|----------|----------------------------|-----------|
| 420 514  | Vario underground retainer | 126.00    |



## LED interior lighting for toolboxes

LED light strips for the interiors of toolboxes. Bright light despite low current draw. High performance LEDs with 50,000 hours life. Easy to install thanks to a profile for connecting to shutter guides or available as a self-adhesive version.



| Code no. | Length     | Voltage | Current consumption | Assembly         | Price EUR |
|----------|------------|---------|---------------------|------------------|-----------|
| 424 405  | 320/380 mm | 12 V    | 0.12 A              | on shutter rails | 79.00     |
| 424 415  | 320/380 mm | 24 V    | 0.12 A              | on shutter rails | 79.00     |
| 424 445  | 500 mm     | 12 V    | 0,14 A              | self-adhesive    | 79.00     |
| 424 455  | 500 mm     | 24 V    | 0,14 A              | self-adhesive    | 79.00     |
| 424 485  | 1000 mm    | 12 V    | 0,24 A              | self-adhesive    | 109.00    |
| 424 495  | 1000 mm    | 24 V    | 0,28 A              | self-adhesive    | 109.00    |



## LED cabinet lighting

Suitable for subsequent assembly in cabinets, tool boxes etc. Low power consumption, shockproof, durable, with brilliant white high performance LEDs.



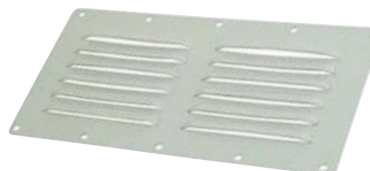
| Code no. | Description       | Version | Dimensions  | Voltage | Price EUR |
|----------|-------------------|---------|-------------|---------|-----------|
| 130 604  | LED cabinet light | 4 LED   | 120 x 46 mm | 10-30 V | 14.90     |
| 130 655  | LED cabinet light | 16 LED  | Ø 114 mm    | 12 V    | 49.00     |
| 130 665  | LED cabinet light | 16 LED  | Ø 114 mm    | 24 V    | 49.00     |



## Stainless steel air vent

Air vent for tool cabinets. Delivery includes self-adhesive template for drill and saw.

| Code no. | Description | Dimensions       | Price EUR |
|----------|-------------|------------------|-----------|
| 422 465  | Air vent    | L 230 x W 115 mm | 18.90     |



## Aluminium gill plates

2mm aluminium sheet gill plates designed for the ventilation of service vehicles, generators, compressors etc. Vent size 60 x 13 x 6mm.

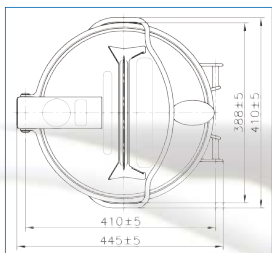
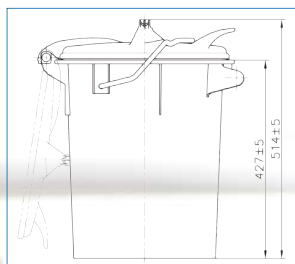
**NEW**

| Code no. | Description | Material  | Dimensions        | Price EUR |
|----------|-------------|-----------|-------------------|-----------|
| 422 565  | Air vent    | Aluminium | W 600 x H 600 mm  | 49.90     |
| 422 575  | Air vent    | Aluminium | W 1000 x H 600 mm | 69.90     |
| 422 585  | Air vent    | Aluminium | W 1000 x H 800 mm | 79.90     |



## Bins and bin retainers

Indispensable for removing accident debris.  
The bin can be safely stored with various fixing possibilities.



400 044

| Code no. | Description            | Contents | Price EUR |
|----------|------------------------|----------|-----------|
| 400 044  | Bin with retaining bar | 35 L     | 28.50     |

## Bin retainers zinc-plated

Type A, for floor mounting



| Code no. | Description              | Fixing         | Type | Contents | Price EUR |
|----------|--------------------------|----------------|------|----------|-----------|
| 400 054  | Bin retainer zinc-plated | Floor mounting | A    |          | 29.90     |
| 400 044  | Bin with retaining bar   |                |      | 35 L     | 28.50     |

## Bin retainers zinc-plated

Type B, for side mounting



| Code no. | Description              | Fixing        | Type | Contents | Price EUR |
|----------|--------------------------|---------------|------|----------|-----------|
| 400 064  | Bin retainer zinc-plated | side mounting | B    |          | 36.00     |
| 400 044  | Bin with retaining bar   |               |      | 35 L     | 28.50     |

## Bin retainers zinc-plated

Type C, for topside mounting



| Code no. | Description              | Fixing           | Type | Contents | Price EUR |
|----------|--------------------------|------------------|------|----------|-----------|
| 400 074  | Bin retainer zinc-plated | hanging mounting | C    |          | 39.90     |
| 400 044  | Bin with retaining bar   |                  |      | 35 L     | 28.50     |

## Double bin cage construction

To retain 2 bins with 35 ltr. volume, which can be comfortably swivelled out for use. Stable, hot-dip galvanised construction.

**TOP SELLER**



| Code no. | Description                  | Fixing                 | Price EUR |
|----------|------------------------------|------------------------|-----------|
| 400 092  | Double bin cage construction | Underfloor, swivelling | 289.00    |

| Code no. | Description            | Contents | Price EUR |
|----------|------------------------|----------|-----------|
| 417 002  | swivelling cage left   |          | 115.00    |
| 417 032  | Bin cage holder        |          | 86.00     |
| 417 052  | swivelling cage right  |          | 115.00    |
| 400 044  | Bin with retaining bar | 35 L     | 28.50     |

## Bin retainers zinc-plated

Swivelling bin retainer for space-saving underfloor mounting. New reinforced construction with adjustable end stop, swivels left or right. Type D



| Code no. | Description              | Fixing                 | Type | Contents | Price EUR |
|----------|--------------------------|------------------------|------|----------|-----------|
| 400 084  | Bin retainer zinc-plated | Underfloor, swivelling | D    |          | 79.00     |
| 400 044  | Bin with retaining bar   |                        |      | 35 L     | 28.50     |

## Bin retainer

The space-saving possibility to retain 35 ltr.bins. Very simple handling and robust construction. Compared with swivelling models this lockable pull-out version is characterised by its excellent space-saving design.



| Code no. | Description              | Contents | Price EUR |
|----------|--------------------------|----------|-----------|
| 400 023  | Bin retainer, extendable |          | 125.00    |
| 400 044  | Bin with retaining bar   | 35 L     | 28.50     |





### Folding mat

To kneel on or lie on, to work on or to have a break on. Easy to store, simple but nevertheless robust.



| Code no. | Description | Dimensions               | Price EUR |
|----------|-------------|--------------------------|-----------|
| 315 005  | Folding mat | L 1800 x W 550 x H 10 mm | 11.90     |



Large, smooth running wheels

### Creeper board T-Bone

Plastic, ergonomically shaped creeper board for comfortable working. 130 mm wheels, rubber-based and with ball-bearings, enable easy rolling in all directions. Also runs on uneven surfaces.

Dimensions: L 1200 x W 630 x H 160 mm



| Code no. | Description   | Dimensions                | Price EUR |
|----------|---------------|---------------------------|-----------|
| 315 765  | Creeper board | L 1200 x W 630 x H 160 mm | 139.00    |



### Workshop creeper board

Our creeper board is an indispensable aid for all work underneath a vehicle. Shock-resistant construction, robust and anatomically designed, 6 castors, can be disassembled in 2 parts for space-saving storage.



| Code no. | Description            | Dimensions       | Price EUR |
|----------|------------------------|------------------|-----------|
| 315 705  | Creeper board standard | L 940 x W 350 mm | 29.00     |



### Creeper board professional

Stable construction, for laying or sitting on, with 7 high-quality castors. Comfortably upholstered, adjustable headrest.



| Code no. | Description                | Dimensions        | Price EUR |
|----------|----------------------------|-------------------|-----------|
| 315 725  | Creeper board professional | L 1200 x W 440 mm | 59.00     |

### Creeper stool ECO

Pneumatic swivel creeper stool, adjustable in height from 380 to 510 mm, capacity 150 kg. Equipped with 2 tool trays and a cushioned seat. Rotates 360°

| Code no. | Description       | Price EUR |
|----------|-------------------|-----------|
| 315 605  | Creeper stool ECO | 47.00     |



## Metal fuel jerrycan

Classic military design with 3 carry handles. Olive coloured. TÜV and GS approved. Suitable for all fuels.

| Code no. | Dimensions               | Contents | Price EUR |
|----------|--------------------------|----------|-----------|
| 420 706  | W 145 x H 470 x D 345 mm | 20 L     | 19.90     |
| 420 646  | W 165 x H 276 x D 345 mm | 10 L     | 18.90     |
| 420 606  | W 110 x H 400 x D 275 mm | 10 L     | 18.90     |

| Code no. | Description            | Price EUR |
|----------|------------------------|-----------|
| 420 806  | Flexible pouring spout | 6.50      |
| 420 835  | Jerrycan cap seal      | 1.45      |



## Plastic fuel can

Plastic fuel can, 5 and 10 L, TÜV and GS approved. Suitable for all fuels. Incl. spout.

| Code no. | Dimensions               | Contents | Price EUR |
|----------|--------------------------|----------|-----------|
| 400 125  | W 140 x H 410 x D 260 mm | 10 L     | 8.90      |
| 400 425  | W 170 x H 324 x D 335 mm | 10 L     | 8.90      |
| 400 415  | W 147 x H 247 x D 265 mm | 5 L      | 4.95      |

## Jerrycan cabinet

Our tried and tested cabinet is the safe and practical transport solution for the 3 lubricants needed on the road. Swing-lid for easier removal of the jerrycans. Stable security lock, stainless steel protects against aggressive liquids. Outstanding look for a long lifetime.



| Code no. | Description                      | Dimensions               | Price EUR |
|----------|----------------------------------|--------------------------|-----------|
| 420 195  | Stainless steel jerrycan cabinet | W 480 x H 540 x D 280 mm | 298.00    |

| Code no. | Description   | Height | Depth  | Price EUR |
|----------|---|--------|--------|-----------|
| 420 557  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 545 mm | 485 mm | 65.00     |
| 420 577  | Universal underfloor retainer kit, 2 pieces, hot-dip galvanised | 600 mm | 700 mm | 92.00     |

## Extendable jerrycan compartment

Base compartment for 20 L jerrycans. Extendable to three compartments due to modular design. With securing bar for stable stowage of the jerrycan. Zinc-plated.



Basis box



Extension



Basis box and one extension for second jerrycan

| Code no. | Description   | Dimensions               | Price EUR |
|----------|---|--------------------------|-----------|
| 420 906  | Base compartment for 20 ltr. jerrycan               | W 175 x H 398 x D 358 mm | 43.50     |
| 420 926  | Compartment extension for further 20 ltr. jerrycans | W 175 x H 398 x D 358 mm | 33.00     |

## Universal underfloor retainer kit, 2 pieces,



## Measuring jugs

To transfer and measure liquids. Scale embossed on outside. Acid and oil proof.

| Code no. | Description   | Contents | Price EUR |
|----------|---------------|----------|-----------|
| 420 485  | Measuring jug | 2 L      | 5.50      |
| 420 495  | Measuring jug | 3 L      | 7.40      |



## Funnels

These funnels are perfect for transferring liquids. Resistant against fuels, oil etc.

| Code no. | Description   | Ø            | Price EUR |
|----------|---------------|--------------|-----------|
| 420 455  | Angled funnel | 175 x 150 mm | 10.40     |
| 420 465  | Funnel        | 140 mm       | 1.60      |



## Water canister

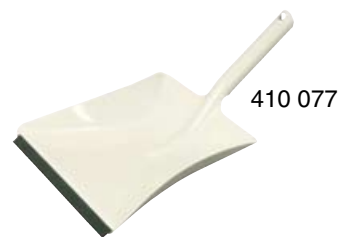
White UV resistant plastic water canisters for transporting water. The large opening enables easy cleaning, and the additional small spout enables simple draining. For a comfortable extraction the lower plug can be replaced by the compatible tap (420 435).

| Code no. | Description    | Dimensions               | Contents | Price EUR |
|----------|----------------|--------------------------|----------|-----------|
| 420 415  | Water canister | W 154 x H 397 x D 302 mm | 10 L     | 21.00     |
| 420 435  | Tap            |                          |          | 7.90      |

## Brush and dustpan

Stable metal dustpan with rubber lip and horsehair hand brush.

| Code no. | Description | Price EUR |
|----------|-------------|-----------|
| 410 067  | Hand brush  | 3.80      |
| 410 077  | Dustpan     | 5.10      |



## Workshop broom

Workshop broom 60 cm. For even floors and fine dirt.



| Code no. | Description  | Length  | Ø     | Price EUR |
|----------|--|---------|-------|-----------|
| 410 164  | Workshop broom 600 mm  |         |       | 9.90      |
| 410 174  | Wooden stick for street broom 400 mm / workshop broom 600 mm | 1400 mm | 24 mm | 4.90      |

## Broom and shovel holders

For tidy storage of brooms, shovels etc. on a vehicle or in the workshop.



| Code no. | Description   | Ø     | Price/pair EUR | Price EUR |
|----------|---|-------|----------------|-----------|
| 410 504  | Pipe bracket zinc-plated with anchor plate small        | 30 mm |                | 9.50      |
| 410 604  | Pipe bracket zinc-plated with anchor plate large        | 40 mm |                | 9.90      |
| 410 304  | Stick holder with spring-loaded double roller (pair)    |       | 4.50           |           |
| 410 404  | Stick holder army version with rubber strap (pair)      |       | 11.50          |           |
| 410 394  | Stick holder army version with 90mm rubber strap (pair) |       | 16.10          |           |
| 410 414  | Spare rubber strap for army version stickholder         |       |                | 1.90      |





### Broom and shovel holding set

Broom and shovel holding set consists of:  
2 stainless steel/rubber holders  
Street broom 400 mm incl. broomstick  
Light alloy shovel with rim incl. stick

| Code no. | Description                  | Price EUR |
|----------|------------------------------|-----------|
| 410 254  | Broom and shovel holding set | 49.90     |



### Street brooms

The street brooms with metal bracket are 400 mm, 600 mm and 800 mm wide. Please order broomstick, 1400 mm, separately.

| Code no. | Description  | Width  | Length  | Ø     | Price EUR |
|----------|--|--------|---------|-------|-----------|
| 410 114  | Street broom with solid metal bracket for broomstick         | 400 mm |         |       | 6.90      |
| 410 134  | Street broom with solid metal bracket for broomstick         | 600 mm |         |       | 8.90      |
| 410 154  | Street broom with solid metal bracket for broomstick         | 800 mm |         |       | 13.90     |
| 410 174  | Wooden stick for street broom 400 mm / workshop broom 600 mm |        | 1400 mm | 24 mm | 4.90      |
| 410 194  | Wooden stick for street broom 600/800 mm                     |        | 1400 mm | 28 mm | 4.90      |



### Shovels

Robust shovel with rim 340 x 270 mm or light alloy shovel with steel edge 340 x 325 mm. Please order sticks separately.



| Code no. | Description                              | Length | Dimensions   | Ø     | Price EUR |
|----------|--|--------|--------------|-------|-----------|
| 410 124  | Shovel with rim                          |        | 340 x 270 mm |       | 17.00     |
| 410 144  | Light alloy shovel with rim              |        | 340 x 325 mm |       | 18.50     |
| 410 184  | Wooden stick with shaped end for shovels | 950 mm |              | 38 mm | 7.00      |

### Street broom complete

Complete set with 600 mm broom head and corresponding broomstick



### Shovel complete

Complete set with aluminium shovel head 340 x 325 mm and corresponding stick

| Code no. | Description           | Price/set EUR |
|----------|-----------------------|---------------|
| 411 114  | Street broom complete | 12.90         |
| 411 144  | Shovel complete       | 24.00         |



### Broom and shovel holder

Quick and easy storage of brooms and shovels; always ready to hand. The sticks are pushed into the non-ageing rubber holder which can take 2 sticks with a diameter of 20 - 40 mm.



| N° Article | Désignation               | EUR/paire (HT) |
|------------|---------------------------|----------------|
| 410 302    | Porte-balai en acier inox | 22,90          |

## Beacons

Compact beacons with various assembly possibilities.  
Double-belt driven for longer life, delivery includes lamp.

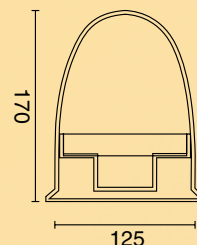
### Technical data:

A1-B1 - E9 4030

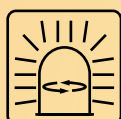
**PRICE SENSATION**



### Beacon, 3 point



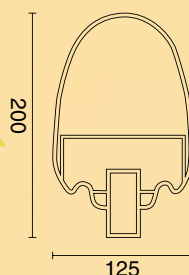
| Code no. | Version | Colour | Fixing  | Voltage | Price EUR |
|----------|---------|--------|---------|---------|-----------|
| 406 104  | Rotator | Amber  | 3-point | 12 V    | 29.50     |
| 406 114  | Rotator | Amber  | 3-point | 24 V    | 29.50     |



### Beacon, flexible pole mount

### ACCESSORY RECOMMENDATION

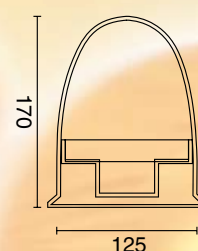
Beacon brackets,  
page 127



| Code no. | Version | Colour | Fixing      | Voltage | Price EUR |
|----------|---------|--------|-------------|---------|-----------|
| 406 304  | Rotator | Amber  | rubber base | 12 V    | 35.00     |
| 406 314  | Rotator | Amber  | rubber base | 24 V    | 35.00     |



### Beacon, mag-mount



| Code no. | Version | Colour | Fixing | Voltage | Price EUR |
|----------|---------|--------|--------|---------|-----------|
| 406 204  | Rotator | Amber  | Magnet | 12 V    | 37.50     |
| 406 214  | Rotator | Amber  | Magnet | 24 V    | 37.50     |

## Beacon mounting plates

Suitable for Vision-Alert and Hella beacons with 3-point fixing up to Ø 155mm. Sturdy, light aluminium and easy to attach to roof racks.



| Code no. | Description           | Price EUR |
|----------|-----------------------|-----------|
| 300 525  | Beacon mounting plate | 14.90     |

## Vision Alert Blaze Bars

These Blaze bars have the highly luminous free-form reflectors, additionally, a mirror doubles the reflections. The lights are 400 mm wide and equipped with a magnet/suction fixing or a 2-bolt fixing. Delivery includes lighting.



### 2-point

| Code no.   | Version | Colour | Height | Fixing  | Voltage | Price EUR |
|------------|---------|--------|--------|---------|---------|-----------|
| 601 AA01/5 | Rotator | Amber  | 110 mm | 2-point | 12 V    | 107.00    |
| 601 AA02/5 | Rotator | Amber  | 110 mm | 2-point | 24 V    | 107.00    |
| 601 AA21/5 | Rotator | Blue   | 110 mm | 2-point | 12 V    | 112.00    |
| 601 AA22/5 | Rotator | Blue   | 110 mm | 2-point | 24 V    | 112.00    |



### Magnetic

| Code no.    | Version | Colour | Height | Fixing | Voltage | Price EUR |
|-------------|---------|--------|--------|--------|---------|-----------|
| 601 AA01M/5 | Rotator | Amber  | 120 mm | Magnet | 12 V    | 149.00    |
| 601 AA02M/5 | Rotator | Amber  | 120 mm | Magnet | 24 V    | 149.00    |
| 601 AA21M/5 | Rotator | Blue   | 120 mm | Magnet | 12 V    | 158.00    |
| 601 AA22M/5 | Rotator | Blue   | 120 mm | Magnet | 24 V    | 158.00    |

| Code no. | Description   | Type | Price EUR |  |  |
|----------|---|------|-----------|--|--|
| 300 405  | Beacon bracket angled                                     | A    | 13.30     |  |  |
| 300 425  | Beacon bracket tubular                                    | B    | 7.90      |  |  |
| 300 445  | Beacon bracket with nut                                   | C    | 9.90      |  |  |
| 300 465  | Beacon bracket vertical mounting                          | D    | 11.30     |  |  |
| 300 485  | Beacon bracket swivel                                     | E    | 14.90     |  |  |
| 300 505  | Beacon bracket extension, L=500 mm (type B needed)        | F    | 20.00     |  |  |
| 300 605  | Beacon bracket telescopic, 75 - 130 cm (type B necessary) | G    | 35.00     |  |  |

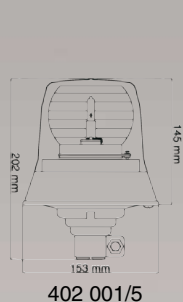


# VISION ALERT™

A Division of Hella

## Vision Alert Evolution lightbars

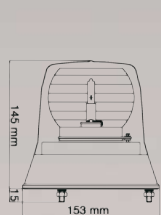
These first-class beacons with different fixings are equipped with highly luminous free-form reflectors or premium double flash technology. Thanks to the big choice of fixing alternatives you will find the right beacon for your application. Delivery includes lighting.



402 001/5



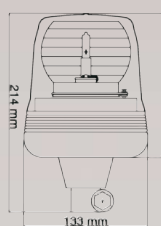
| Code no.  | Version | Colour | Fixing      | Voltage | Price EUR |
|-----------|---------|--------|-------------|---------|-----------|
| 402 001/5 | Rotator | Amber  | pole fixing | 12 V    | 44.00     |
| 402 002/5 | Rotator | Amber  | pole fixing | 24 V    | 44.00     |
| 402 101/5 | Rotator | Blue   | pole fixing | 12 V    | 45.00     |
| 402 102/5 | Rotator | Blue   | pole fixing | 24 V    | 45.00     |



403 001/5



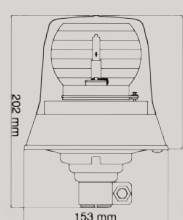
| Code no.  | Version | Colour | Fixing | Voltage | Price EUR |
|-----------|---------|--------|--------|---------|-----------|
| 403 001/5 | Rotator | Amber  | 3-bolt | 12 V    | 40.00     |
| 403 002/5 | Rotator | Amber  | 3-bolt | 24 V    | 40.00     |
| 403 101/5 | Rotator | Blue   | 3-bolt | 12 V    | 44.00     |
| 403 102/5 | Rotator | Blue   | 3-bolt | 24 V    | 44.00     |



404 001/5



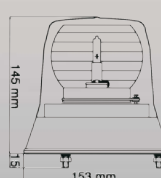
| Code no.  | Version | Colour | Fixing      | Voltage | Price EUR |
|-----------|---------|--------|-------------|---------|-----------|
| 404 001/5 | Rotator | Amber  | rubber base | 12 V    | 49.00     |
| 404 002/5 | Rotator | Amber  | rubber base | 24 V    | 49.00     |
| 404 101/5 | Rotator | Blue   | rubber base | 12 V    | 54.00     |
| 404 102/5 | Rotator | Blue   | rubber base | 24 V    | 54.00     |



572 200/5



| Code no.  | Version | Colour | Fixing      | Voltage   | Price EUR |
|-----------|---------|--------|-------------|-----------|-----------|
| 572 200/5 | Flash   | Amber  | pole fixing | 10 - 30 V | 123.00    |
| 572 300/5 | Flash   | Blue   | pole fixing | 10 - 30 V | 128.00    |



573 200/5



| Code no.  | Version | Colour | Fixing | Voltage   | Price EUR |
|-----------|---------|--------|--------|-----------|-----------|
| 573 200/5 | Flash   | Amber  | 3-bolt | 10 - 30 V | 119.00    |
| 573 300/5 | Flash   | Blue   | 3-bolt | 10 - 30 V | 124.00    |



Radio switch for activation.  
Code no. 106 116, 12 volt,  
EUR 81,00 and  
code no. 106 166, 24 volt,  
EUR 95,00  
page 135

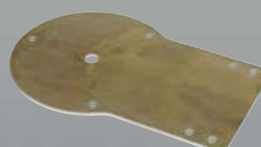


**ACCESSORY  
RECOMMENDATION**

## Beacon mounting plates

Suitable for Vision-Alert and Hella beacons with 3-point fixing up to Ø 155mm. Sturdy, light aluminium and easy to attach to roof racks.

| Code no. | Description           | Price EUR |
|----------|-----------------------|-----------|
| 300 525  | Beacon mounting plate | 14.90     |



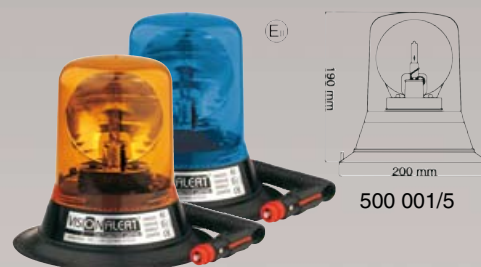
## Magnetic beacons Vision Alert Evolution

These beacons are equipped with a highly luminous free-form reflector or premium double flash technology. The combined magnet/suction fixing as well as the aerodynamic finish ensure a safe hold. Delivery includes lighting.

| Code no.  | Version | Colour | Fixing | Voltage | Price EUR |
|-----------|---------|--------|--------|---------|-----------|
| 400 001/5 | Rotator | Amber  | Magnet | 12 V    | 53.00     |
| 400 002/5 | Rotator | Amber  | Magnet | 24 V    | 53.00     |
| 400 101/5 | Rotator | Blue   | Magnet | 12 V    | 58.00     |
| 400 102/5 | Rotator | Blue   | Magnet | 24 V    | 58.00     |



| Code no.  | Version | Colour | Fixing | Voltage | Price EUR |
|-----------|---------|--------|--------|---------|-----------|
| 500 001/5 | Rotator | Amber  | Magnet | 12 V    | 53.00     |
| 500 002/5 | Rotator | Amber  | Magnet | 24 V    | 53.00     |
| 500 101/5 | Rotator | Blue   | Magnet | 12 V    | 58.00     |
| 500 102/5 | Rotator | Blue   | Magnet | 24 V    | 58.00     |



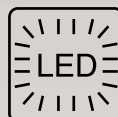
| Code no.  | Version | Colour | Fixing | Voltage   | Price EUR |
|-----------|---------|--------|--------|-----------|-----------|
| 570 200/5 | Flash   | Amber  | Magnet | 10 - 30 V | 159.00    |
| 570 300/5 | Flash   | Blue   | Magnet | 10 - 30 V | 165.00    |



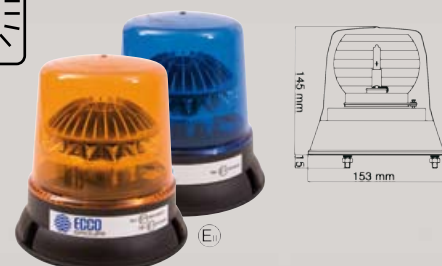
## Vision Alert LED beacons

These beacons combine high performance LEDs with state of the art reflector technology to produce optimal light dispersion. Flash and rotation modes possible, modern design available in blue or amber.

NEW



| Code no. | Version | Colour | Fixing | Voltage   | Price EUR |
|----------|---------|--------|--------|-----------|-----------|
| 580 115  | LED     | amber  | 3-bolt | 10 - 30 V | 162.00    |
| 580 215  | LED     | blue   | 3-bolt | 10 - 30 V | 167.00    |



| Code no. | Version | Colour | Fixing      | Voltage   | Price EUR |
|----------|---------|--------|-------------|-----------|-----------|
| 580 125  | LED     | Amber  | rubber base | 10 - 30 V | 169.00    |
| 580 225  | LED     | Blue   | rubber base | 10 - 30 V | 174.00    |



| Code no. | Version | Colour | Fixing | Voltage   | Price EUR |
|----------|---------|--------|--------|-----------|-----------|
| 580 135  | LED     | amber  | magnet | 10 - 30 V | 174.00    |
| 580 235  | LED     | blue   | magnet | 10 - 30 V | 179.00    |



## COMET LED beacons

The COMET series with high powerful LED technology. High performance LEDs coupled with optimal lenses produce brilliant, intensive and perfectly distributed light. Less than 70% power consumption compared to conventional beacons.

- bright
- long life
- service-friendly
- variable voltage 9-32 volt
- power consumption reduction of more than 70%



### Technical data:

average power consumption:

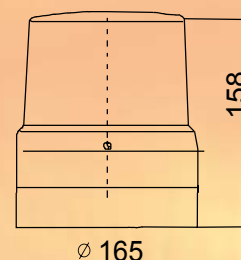
12V: 1.5A / 24V: 0.75A

protection class: IP5K4K9K

approvals: ECE-R65: TB1/TA1 00 2872

guidelines: 72/245/EWG: e1 03 4465

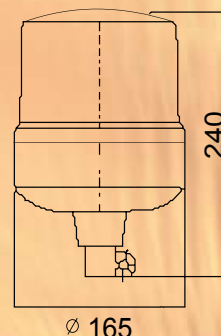
### Comet-B LED fixed mount



FG Hänsch  
Warnsysteme

| Code no. | Description | Version | Colour | Fixing | Voltage  | Price EUR |
|----------|-------------|---------|--------|--------|----------|-----------|
| 354 325  | LED COMET-B | LED     | Amber  | 3-bolt | 9 - 32 V | 182.00    |
| 354 335  | LED COMET-B | LED     | Blue   | 3-bolt | 9 - 32 V | 182.00    |

### COMET-AF LED flexible plug mount



#### ACCESSORY RECOMMENDATION

Beacon brackets,  
page 127

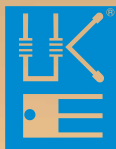
| Code no. | Description  | Version | Colour | Fixing               | Voltage  | Price EUR |
|----------|--------------|---------|--------|----------------------|----------|-----------|
| 354 345  | LED COMET-AF | LED     | Amber  | flexible pole fixing | 9 - 32 V | 205.00    |
| 354 355  | LED COMET-AF | LED     | Blue   | flexible pole fixing | 9 - 32 V | 205.00    |

### COMET-M LED magnet



| Code no. | Description | Version | Colour | Fixing | Voltage  | Price EUR |
|----------|-------------|---------|--------|--------|----------|-----------|
| 354 365  | LED COMET-M | LED     | Amber  | Magnet | 9 - 32 V | 255.00    |
| 354 375  | LED COMET-M | LED     | Blue   | Magnet | 9 - 32 V | 255.00    |





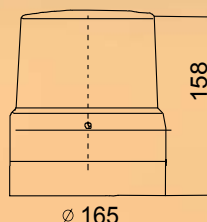
FG Hänsch  
Warnsysteme

## COMET double flash beacons

The COMET series are characterised by their approved double flash technology, their modern housing, outstanding light values and robust electronics. The construction complies with DIN 14620 form B1 and is available for fixed mounting or flexible pole-fixing. Authorisation as beacon according to ECE-R 65: Light TA1 00 177 (amber); TB1 00 177 (blue). EMV: e1 03 1190.

- bright
- long life
- service-friendly
- variable voltage 9-32 volt

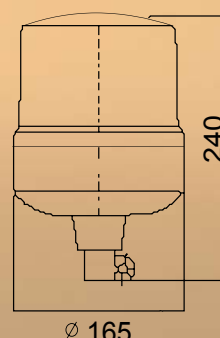
### COMET-B fixed mounting



| Code no. | Version | Colour | Fixing | Voltage  | Price EUR |
|----------|---------|--------|--------|----------|-----------|
| 353 855  | Flash   | Amber  | 3-bolt | 9 - 32 V | 131.00    |
| 353 955  | Flash   | Blue   | 3-bolt | 9 - 32 V | 131.00    |

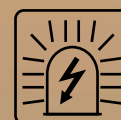
### COMET-AF flexibase

**PREMIUM  
CLASS  
FOR PROS**



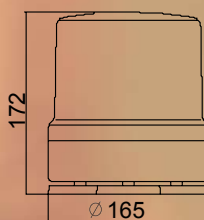
**ACCESSORY  
RECOMMENDATION**  
Beacon brackets,  
page 127

| Code no. | Version | Colour | Fixing               | Voltage  | Price EUR |
|----------|---------|--------|----------------------|----------|-----------|
| 353 835  | Flash   | Amber  | flexible pole fixing | 9 - 32 V | 152.00    |
| 353 935  | Flash   | Blue   | flexible pole fixing | 9 - 32 V | 152.00    |



### COMET magnetic beacons for speeds up to 250 km/h

This double flash magnetic beacon is equipped with 3 strong rubber-bedded magnets and so ensures optimal adhesion even on vaulted curved roofs. TÜV-approved, up to 250 km/h.



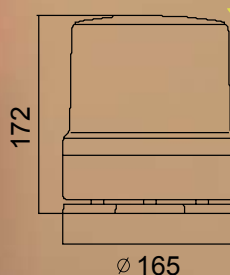
### COMET-M magnet

| Code no. | Version | Colour | Fixing | Voltage  | Price EUR |
|----------|---------|--------|--------|----------|-----------|
| 353 875  | Flash   | Amber  | Magnet | 9 - 32 V | 199.50    |
| 353 975  | Flash   | Blue   | Magnet | 9 - 32 V | 199.50    |



### COMET-M magnet

In Germany permitted on private vehicles according to StVZO. A private driver can use the beacon in connection with hazard warning lights without special permits. ~K 436 (amber), EMV: e1 03 1190



**PERMITTED FOR  
PRIVATE  
VEHICLES**

| Code no. | Version | Colour | Fixing | Voltage  | Price EUR |
|----------|---------|--------|--------|----------|-----------|
| 353 895  | Flash   | Amber  | Magnet | 9 - 32 V | 207.00    |



## Rotating beacons KL JuniorPlus series

The light bulb is mounted directly at the focal point and therefore ensures an optimal light efficiency. Plastic reflector and light bulb are one rotating unit. Robust hood for heavy applications. The heart of this beacon is its electronic motor control unit. With a multi voltage function it regulates an equal voltage at the drive motor. This provides an absolutely constant rotary frequency, independent of fluctuation in vehicle's main power supply. New fixation technology allows a simple locking and removing of the hood thanks to pressure point fixing. Delivery includes 1 light bulb H1.

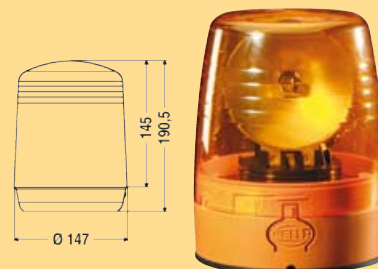


### Technical data:

Belt drive technology, rotational speed 180 rpm, consumption 5 A on 12 volt, 3 A on 24 volt, protection class IP5 KX, IPX4K, IPX9K, homologation testing ECE-R65, radio shielding VDE 0879.

### Hella KL JuniorPlus F

Rotating beacon in new JuniorPlus design with 3-bolt fixing for mounting on vehicle roof.



| Code no. | Description                           | Voltage | Price EUR |
|----------|---------------------------------------|---------|-----------|
| 351 008  | Rotating beacon Hella KL JuniorPlus F | 12 V    | 40.00     |
| 351 508  | Rotating beacon Hella KL JuniorPlus F | 24 V    | 40.00     |



### Hella KL JuniorPlus FL

Rotating beacon in new JuniorPlus design with rubber base for fixing on pipe socket (page 127).

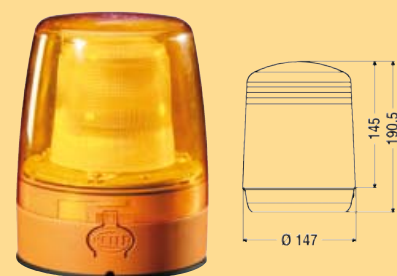
| Code no. | Description                            | Voltage | Price EUR |
|----------|--|---------|-----------|
| 351 708  | Rotating beacon Hella KL JuniorPlus FL | 12 V    | 48.00     |
| 351 808  | Rotating beacon Hella KL JuniorPlus FL | 24 V    | 48.00     |

### Hella KL JuniorPlus M

Rotating beacon in new JuniorPlus design with magnetic base for fixing on vehicle roof.



| Code no. | Description                           | Voltage | Price EUR |
|----------|---------------------------------------|---------|-----------|
| 351 608  | Rotating beacon Hella KL JuniorPlus M | 12 V    | 53.50     |



### Hella KLX JuniorPlus F

The new JuniorPlus F as flash beacon with 3-bolt fixing for mounting on vehicle roof.

| Code no. | Description                         | Voltage | Price EUR |
|----------|-------------------------------------|---------|-----------|
| 351 308  | Flash beacon Hella KLX JuniorPlus F | 12 V    | 107.00    |
| 351 408  | Flash beacon Hella KLX JuniorPlus F | 24 V    | 107.00    |

### Hella KLX JuniorPlus FL

New JuniorPlus FL as flash beacon with rubber base for fixing on pipe socket (page 127).

| Code no. | Description                    | Voltage | Price EUR |
|----------|--------------------------------|---------|-----------|
| 351 948  | Flash beacon KLX JuniorPlus FL | 12 V    | 125.50    |
| 351 968  | Flash beacon KLX JuniorPlus FL | 24 V    | 125.50    |



**ACCESSORY  
RECOMMENDATION**

Beacon brackets,  
page 127

### Hella KLX JuniorPlus M

The new JuniorPlus M as flash beacon with magnetic base for fixing on vehicle roof.

| Code no. | Description                         | Voltage | Price EUR |
|----------|-------------------------------------|---------|-----------|
| 351 908  | Flash beacon Hella KLX JuniorPlus M | 12 V    | 130.00    |





## Rotating beacons KL series

The high gloss metallised parabolic reflector and the hoods provide optimal light efficiency. The heart of the beacon is the electronic motor control unit. With a multi voltage function it ensures a constant voltage for the drive motor. This provides an absolutely constant rotary frequency, independent of fluctuation in vehicle's main power supply. Delivery includes 1 light bulb H1.

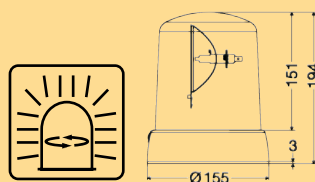


### Technical data:

Double belt drive technology, lifetime 4000 hours, rotational speed 160 rpm, consumption 5.5 A on 12 volt, 3.5 A on 24 volt, protection class IP5K4K9K, DIN 1420, homologation testing ECE R65 CE, radio shielding VDE 0879, suppressed E1.

## Hella KL 7000 F

Rotating beacon with 3-bolt fixing for mounting on vehicle roof.

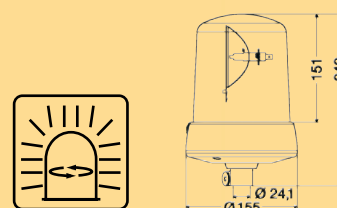


| Code no. | Description                     | Voltage | Price EUR |
|----------|---------------------------------|---------|-----------|
| 352 608  | Rotating beacon Hella KL 7000 F | 12 V    | 76.00     |
| 352 708  | Rotating beacon Hella KL 7000 F | 24 V    | 76.00     |



## Hella KL 7000 FL

Rotating beacon with rubber base for pipe socket (page 127).



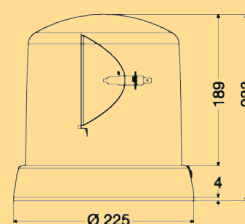
| Code no. | Description                      | Voltage | Price EUR |
|----------|----------------------------------|---------|-----------|
| 352 208  | Rotating beacon Hella KL 7000 FL | 12 V    | 86.50     |
| 352 308  | Rotating beacon Hella KL 7000 FL | 24 V    | 86.50     |

### ACCESSORY RECOMMENDATION

Beacon brackets,  
page 127

## Hella KL 8000 F

Rotating beacon with 3-bolt fixing, especially for trucks and larger vehicles.



| Code no. | Description                     | Voltage | Price EUR |
|----------|---------------------------------|---------|-----------|
| 352 408  | Rotating beacon Hella KI 8000 F | 12 V    | 109.50    |
| 352 508  | Rotating beacon Hella KI 8000 F | 24 V    | 109.50    |



## Beacon mounting plate

Suitable for Vision-Alert and Hella beacons with 3-point fixing up to Ø 155mm. Sturdy, light aluminium and easy to attach to roof racks.



| Code no. | Description           | Price EUR |
|----------|-----------------------|-----------|
| 300 525  | Beacon mounting plate | 14.90     |





## New generation LED beacons

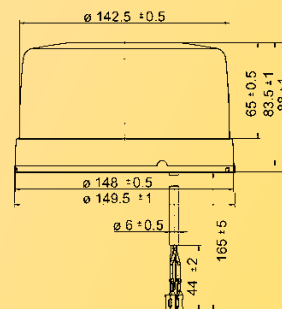
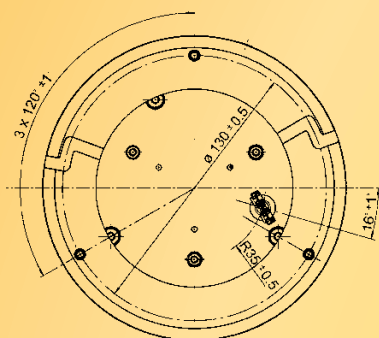
These LED beacons with aluminium housing combine superior LED technology with maximum sturdiness. The high quality LEDs with innovative design have an extremely long life, a quick response time, very low power consumption, and guarantee maximum visibility. Their toughness, resistance to vibrations and long lifetime make them very reliable. 360° light emission, 8 possible flash sequences.



### Technical data:

protection class: IP 5K4K, IPX 9K  
total power consumption: 12V 1.5A, 24V 1A  
type approval: TA1 E1 002738 (for single and double flash) EMC guideline 2006/28/EG

### LED POWER

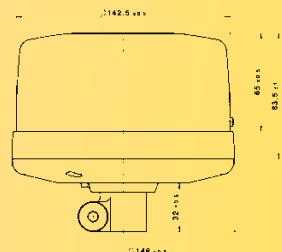


| Code no. | Description       | Fixing  | Voltage   | Price EUR |
|----------|-------------------|---------|-----------|-----------|
| 353 357  | K-LED FO F beacon | 3-point | 10 - 30 V | 179.00    |

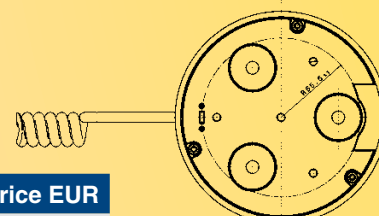
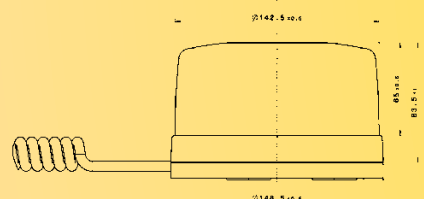


### ACCESSORY RECOMMENDATION

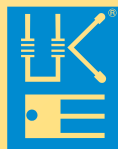
Beacon brackets  
page 127



| Code no. | Description        | Fixing      | Voltage   | Price EUR |
|----------|--------------------|-------------|-----------|-----------|
| 353 377  | K-LED FO FL beacon | rubber base | 10 - 30 V | 199.00    |



| Code no. | Description       | Fixing | Voltage   | Price EUR |
|----------|-------------------|--------|-----------|-----------|
| 353 397  | K-LED FO M beacon | Magnet | 10 - 30 V | 219.00    |



FG Hänsch  
Warnsysteme



### Technical data:

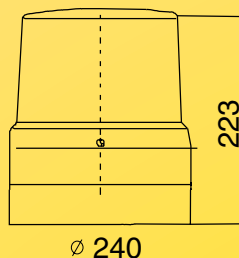
DIN 14620

ECE-R 65

IP Classification 5K4K9K

current draw by 12V: 1.5A, by 24V: 0.75A

compliant with 72/245/EWG: e1 03 4465 directive



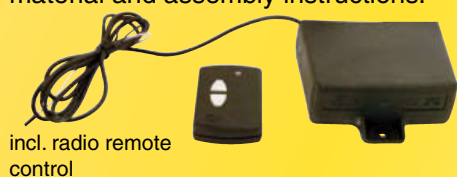
NEW



| Code no. | Description       | Version | Colour | Fixing             | Voltage  | Price EUR |
|----------|-------------------|---------|--------|--------------------|----------|-----------|
| 354 425  | NOVA-B LED beacon | LED     | Yellow | permanent assembly | 9 - 32 V | 259.00    |
| 354 435  | NOVA-B LED beacon | LED     | blue   | permanent assembly | 9 - 32 V | 259.00    |

### Wireless switches

Wireless switch to activate and deactivate additional functions, e.g. work lamps, beacons, lightbars, additional headlights etc. Included in delivery: radio remote control, keycode, receiver, pre-assembled cable kit, installation material and assembly instructions.



incl. radio remote control



| Code no. | Description     | Voltage | Price EUR |
|----------|-----------------|---------|-----------|
| 106 116  | Wireless switch | 12 V    | 81.00     |
| 106 166  | Wireless switch | 24 V    | 95.00     |

### Electric rocker switches

For 12 volt and 24 volt, with symbol lighting.

Mounting rail for 3 switches



Blind cap

Mounting rail for 6 switches



Illuminated switches with symbols such as auxiliary drive, work lamp, beacon etc.

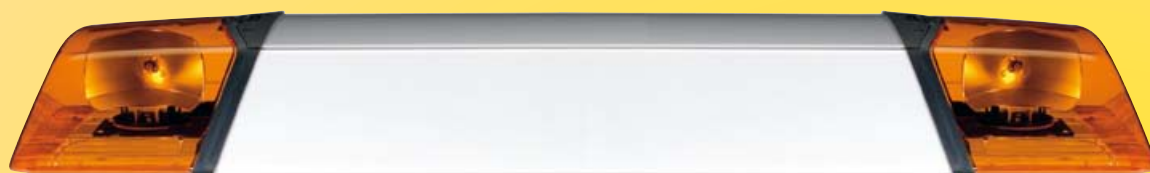
| Code no.  | Description                  | Motif                | Colour | Voltage | Price EUR |
|-----------|------------------------------|----------------------|--------|---------|-----------|
| 830 901AS | Electric rocker switch       | AS - work lamps rear | Yellow | 12 V    | 14.50     |
| 830 891AS | Electric rocker switch       | AS - work lamps rear | Yellow | 24 V    | 14.50     |
| 830 901BE | Electric rocker switch       | BE - interior light  | Green  | 12 V    | 14.50     |
| 830 891BE | Electric rocker switch       | BE - interior light  | Green  | 24 V    | 14.50     |
| 830 901HO | Electric rocker switch       | HO - horn            | Green  | 12 V    | 14.50     |
| 830 891HO | Electric rocker switch       | HO - horn            | Green  | 24 V    | 14.50     |
| 830 901NA | Electric rocker switch       | NA - Power takeoff   | Green  | 12 V    | 14.50     |
| 830 891NA | Electric rocker switch       | NA - Power takeoff   | Green  | 24 V    | 14.50     |
| 830 901NE | Electric rocker switch       | NE - neutral         | Yellow | 12 V    | 14.50     |
| 830 891NE | Electric rocker switch       | NE - neutral         | Yellow | 24 V    | 14.50     |
| 830 901RU | Electric rocker switch       | RU - beacon          | Yellow | 12 V    | 14.50     |
| 830 891RU | Electric rocker switch       | RU - beacon          | Yellow | 24 V    | 14.50     |
| 830 921   | Mounting rail for 3 switches |                      |        |         | 2.90      |
| 830 911   | Mounting rail for 6 switches |                      |        |         | 4.20      |
| 830 951   | Blind cap                    |                      |        |         | 2.50      |

## Hella OWS 7

The newest generation of HELLA lightbars. Sleek design paired with a revolutionary modular warning system. The flat construction makes this lightbar dynamic and distinctive. The Hella OWS-7 series now also available with LED strobe technology, work-lamps and alley lights (work lamps to the side).

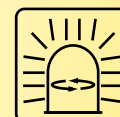


for modular  
extension  
components  
just ask us!



| Code no. | Description | Version | Width   | Height | Depth  | Voltage | Price EUR |
|----------|-------------|---------|---------|--------|--------|---------|-----------|
| 332 108  | OWS 7       | Rotator | 1000 mm | 140 mm | 415 mm | 12 V    | 395.00    |
| 332 138  | OWS 7       | Rotator | 1400 mm | 140 mm | 415 mm | 12 V    | 539.00    |

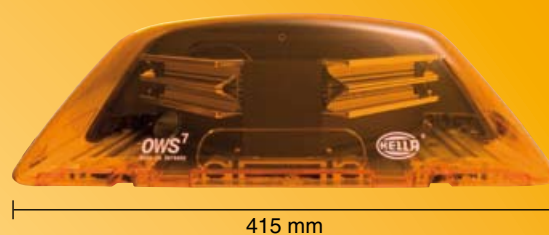
NEW TO OUR RANGE!



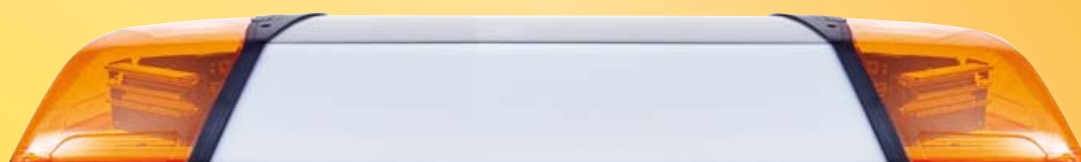
WITH ROTOR AND ALLEYLIGHTS

| Code no. | Description                        | Version               | Width   | Height | Depth  | Voltage | Dimensions        | Price EUR |
|----------|------------------------------------|-----------------------|---------|--------|--------|---------|-------------------|-----------|
| 332 148  | OWS 7                              | Rotators/alley lights | 1000 mm | 140 mm | 415 mm | 12 V    |                   | 575.00    |
| 332 158  | OWS 7                              | Rotators/alley lights | 1400 mm | 140 mm | 415 mm | 12 V    |                   | 680.00    |
| 280 017  | Graphics for lightbar centrepieces |                       |         |        |        |         | max. 580 x 120 mm | 29.00     |



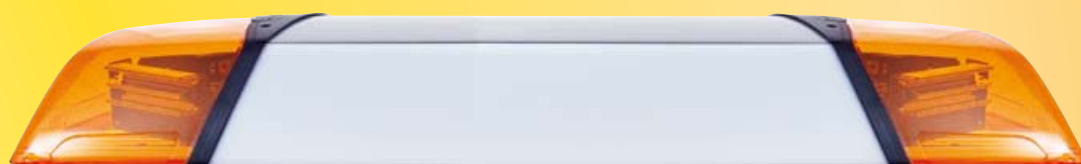


**LED POWER**



| Code no. | Description | Version | Width   | Height | Depth  | Voltage | Price EUR |
|----------|-------------|---------|---------|--------|--------|---------|-----------|
| 332 168  | OWS 7       | LED     | 1000 mm | 140 mm | 415 mm | 12 V    | 895.00    |
| 332 198  | OWS 7       | LED     | 1400 mm | 140 mm | 415 mm | 12 V    | 999.00    |
| 332 228  | OWS 7       | LED     | 1600 mm | 140 mm | 415 mm | 12 V    | 1,100.00  |
| 332 268  | OWS 7       | LED     | 1600 mm | 140 mm | 415 mm | 24 V    | 1,145.00  |

**NEW TO OUR RANGE!**



**WITH LED AND ALEEYLIGHTS**

**...AND WORK LAMPS**



alleylights (additional side worklamps)



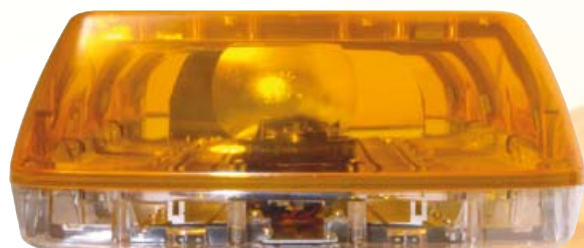
| Code no. | Description | Version                     | Width   | Height | Depth  | Voltage | Price EUR |
|----------|-------------|-----------------------------|---------|--------|--------|---------|-----------|
| 332 238  | OWS 7       | LED's/alley lights          | 1000 mm | 140 mm | 415 mm | 12 V    | 1,075.00  |
| 332 248  | OWS 7       | LED's/alley lights          | 1400 mm | 140 mm | 415 mm | 12 V    | 1,195.00  |
| 332 258  | OWS 7       | LED/alley lights/work lamps | 1400 mm | 140 mm | 415 mm | 12 V    | 1,330.00  |
| 332 278  | OWS 7       | LED/alley lights/worklamps  | 1600 mm | 140 mm | 415 mm | 24 V    | 1,475.00  |



## Vision Alert Hazard lightbars

Commanding elegance thanks to solid depth of 305 mm and low height of only 130 mm. Hazard lightbars also fit wonderfully with the design of big trucks. The Hazard lightbars are equipped with the same robust and long-living rotator technology with free-form reflectors as the Evolution lightbars. The modular system and the 2 layers allow individual options.

Optional equipment see opposite page!



### ACCESSORY RECOMMENDATION

Electric rocker switch,  
with symbol,  
(code-no. 830 901RU,  
see pages 74, 135),  
EUR 14,50



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 315 201/5 | Amber  | 1500 mm | 12 V    | 659.00    |
| 315 202/5 | Amber  | 1500 mm | 24 V    | 659.00    |

### 30 series

4 rotators, 4 additional mirrors  
Dimensions: W 1500 x H 130 x D 305 mm



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 317 201/5 | Amber  | 1760 mm | 12 V    | 699.00    |
| 317 202/5 | Amber  | 1760 mm | 24 V    | 699.00    |

### 30 series

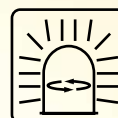
4 rotators, 4 additional mirrors  
Dimensions: W 1760 x H 130 x D 305 mm



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 315 2X1/5 | Amber  | 1500 mm | 12 V    | 659.00    |
| 315 2X2/5 | Amber  | 1500 mm | 24 V    | 659.00    |

### 30 series

4 rotators, 6 additional mirrors  
Dimensions W 1500 x H 130 x D 305 mm



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 317 2X1/5 | Amber  | 1760 mm | 12 V    | 699.00    |
| 317 2X2/5 | Amber  | 1760 mm | 24 V    | 699.00    |

### 30 series

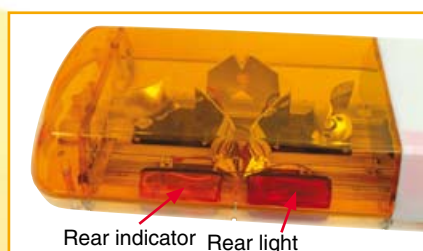
4 rotators, 6 additional mirrors  
Dimensions: W 1760 x H 130 x D 305 mm





## Vision Alert Hazard lightbars with additional lights

These lightbars are characterised by the special equipment on their lower layer: Integrated rear lights, brake lights and indicators, as well as an additional central 20-LED brake light give the trailing traffic the appropriate signal. Further equipment such as integrated work lights or LED flash lights are available on request.



Rear indicator Rear light



all lightbars on this double page incl. roof assembly kit comprising:  
2 x rubber blocks  
2 x fixing material



LED brake light

| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 315 2A1/5 | Amber  | 1500 mm | 12 V    | 739.00    |
| 315 2A2/5 | Amber  | 1500 mm | 24 V    | 739.00    |

### 30 series

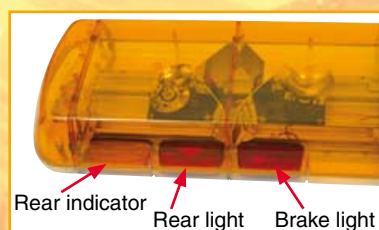
4 rotating beacons, 4 mirrors and illuminated centrepiece, indicator light, rear light and LED brake light  
Dimensions: W 1500 x H 130 x D 305 mm



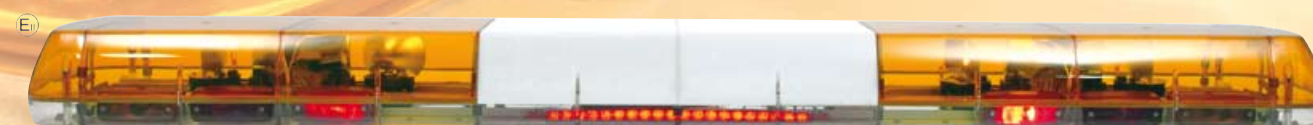
| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 315 2Z1/5 | Amber  | 1500 mm | 12 V    | 739.00    |
| 315 2Z2/5 | Amber  | 1500 mm | 24 V    | 739.00    |

### 30 series

4 rotators, 6 mirrors, indicator light, rear light and LED brake light  
Dimensions: W 1500 x H 130 x D 305 mm



Rear indicator Rear light Brake light



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 317 2A1/5 | Amber  | 1760 mm | 12 V    | 799.00    |
| 317 2A2/5 | Amber  | 1760 mm | 24 V    | 799.00    |

### 30 series

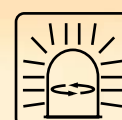
4 rotators, 4 mirrors and illuminated centrepiece, indicator light, rear light, brake light and additional LED brake light  
Dimensions: W 1760 x H 130 x D 305 mm



| Code no.  | Colour | Width   | Voltage | Price EUR |
|-----------|--------|---------|---------|-----------|
| 317 2Z1/5 | Amber  | 1760 mm | 12 V    | 799.00    |
| 317 2Z2/5 | Amber  | 1760 mm | 24 V    | 799.00    |

### 30 series

4 rotators, 6 mirrors, indicator light, rear light, brake light and additional LED brake light  
Dimensions: W 1760 x H 130 x D 305 mm







Beacon



Double flash

Other colours  
available

## Vision Alert lightbars

These high-class lightbars are available with the approved rotator technology with free-form reflectors or with modern xenon double flash technology. Additional mirrors provide a further intensification of light efficiency. Our standard series in accustomed Vision Alert quality. All lightbars are delivered incl. roof mounting kit and white, illuminated centre-piece.



### 702 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 740 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 702 001/5 | Rotators     | Amber  | 12 V    | 248.00    |
| 702 002/5 | Rotators     | Amber  | 24 V    | 248.00    |
| 7F2 001/5 | Double flash | Amber  | 12 V    | 449.00    |
| 7F2 002/5 | Double flash | Amber  | 24 V    | 449.00    |

### 703 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1000 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 703 001/5 | Rotators     | Amber  | 12 V    | 289.00    |
| 703 002/5 | Rotators     | Amber  | 24 V    | 289.00    |
| 7F3 001/5 | Double flash | Amber  | 12 V    | 559.00    |
| 7F3 002/5 | Double flash | Amber  | 24 V    | 559.00    |



### 704 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1200 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 704 001/5 | Rotators     | Amber  | 12 V    | 335.00    |
| 704 002/5 | Rotators     | Amber  | 24 V    | 335.00    |
| 7F4 001/5 | Double flash | Amber  | 12 V    | 589.00    |
| 7F4 002/5 | Double flash | Amber  | 24 V    | 589.00    |

### 708 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1370 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 708 001/5 | Rotators     | Amber  | 12 V    | 359.00    |
| 708 002/5 | Rotators     | Amber  | 24 V    | 359.00    |
| 7F8 001/5 | Double flash | Amber  | 12 V    | 599.00    |
| 7F8 002/5 | Double flash | Amber  | 24 V    | 599.00    |



### 705 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1500 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 705 001/5 | Rotators     | Amber  | 12 V    | 395.00    |
| 705 002/5 | Rotators     | Amber  | 24 V    | 395.00    |
| 7F5 001/5 | Double flash | Amber  | 12 V    | 629.00    |
| 7F5 002/5 | Double flash | Amber  | 24 V    | 629.00    |



Available in various  
colours. Scratch-proof  
and shock-resistant



all lightbars on this  
double page incl.  
roof assembly kit  
comprising:  
2 x rubber blocks  
2 x fixing material



| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 725 001/5 | Rotators     | Amber  | 12 V    | 465.00    |
| 725 002/5 | Rotators     | Amber  | 24 V    | 465.00    |
| 7G5 001/5 | Double flash | Amber  | 12 V    | 769.00    |
| 7G5 002/5 | Double flash | Amber  | 24 V    | 769.00    |

### 725 series

4 rotators or 4 double flashlights,  
4 additional mirrors  
Dimensions: W 1500 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage | Price EUR |
|-----------|--------------|--------|---------|-----------|
| 706 002/5 | Rotators     | Amber  | 24 V    | 480.00    |
| 7F6 002/5 | Double flash | Amber  | 24 V    | 639.00    |

### 706 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1800 x H 140 x D 210 mm



| Code no.     | Version      | Colour | Voltage | Price EUR |
|--------------|--------------|--------|---------|-----------|
| 726 001AWA/5 | Rotators     | Amber  | 12 V    | 499.00    |
| 726 002AWA/5 | Rotators     | Amber  | 24 V    | 499.00    |
| 7G6 001/5    | Double flash | Amber  | 12 V    | 799.00    |
| 7G6 002/5    | Double flash | Amber  | 24 V    | 799.00    |

### 726 series

4 rotators or 4 double flashlights,  
6 additional mirrors  
Dimensions: W 1800 x H 140 x D 210 mm

| Code no.  | Version      | Colour | Voltage   | Price EUR |
|-----------|--------------|--------|-----------|-----------|
| 700 001/5 | Rotators     | Amber  | 12 V      | 155.00    |
| 700 002/5 | Rotators     | Amber  | 24 V      | 155.00    |
| 7F0 000/5 | Double flash | Amber  | 10 - 30 V | 395.00    |

### 700 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 570 x H 140 x D 210 mm



| Code no.     | Version      | Colour | Voltage   | Price EUR |
|--------------|--------------|--------|-----------|-----------|
| 724 001AWA/5 | Rotators     | Amber  | 12 V      | 449.00    |
| 724 002AWA/5 | Rotators     | Amber  | 24 V      | 449.00    |
| 7G4 000/5    | Double flash | Amber  | 10 - 30 V | 749.00    |

### 724 series

4 rotators, 6 mirrors or 4 double flashlights,  
4 additional mirrors  
Dimensions: W 1200 x H 140 x D 210 mm



| Code no.     | Version      | Colour | Voltage   | Price EUR |
|--------------|--------------|--------|-----------|-----------|
| 728 501AWA/5 | Rotators     | Amber  | 12 V      | 465.00    |
| 728 502AWA/5 | Rotators     | Amber  | 24 V      | 465.00    |
| 7G8 500/5    | Double flash | Amber  | 10 - 30 V | 759.00    |

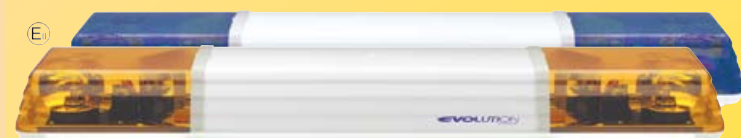
### 728 series

4 rotators, 6 mirrors or 4 double flashlights,  
4 additional mirrors  
Dimensions: W 1370 x H 140 x D 210 mm



## Design and safety.

More safety when working!  
That's the focus of this lightbar series.  
More light provides more safety.  
Vision Alert uses free-form optics in rotational mirrors to create up to 20% more light. A special mirroring technology brings a wider light radiation, meaning you will be seen better and earlier. A low cost investment in your safety is always a good investment!



all lightbars on this double page incl. roof assembly kit comprising:  
2 x rubber blocks  
2 x fixing material

### 602 series

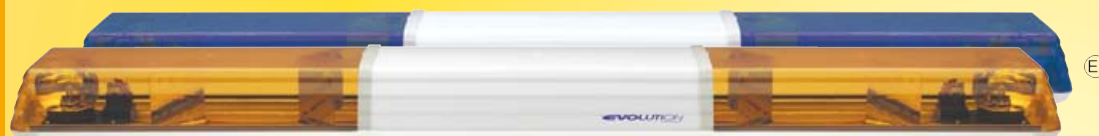
2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 740 x H 108 x D 210mm

| Code no.   | Version      | Colour | Voltage | Price EUR |
|------------|--------------|--------|---------|-----------|
| 602 3A01/5 | Rotators     | Amber  | 12 V    | 289.00    |
| 602 3A02/5 | Rotators     | Amber  | 24 V    | 289.00    |
| 6F2 3A01/5 | Double flash | Amber  | 12 V    | 529.00    |
| 6F2 3A02/5 | Double flash | Amber  | 24 V    | 529.00    |
| 602 3A21/5 | Rotators     | Blue   | 12 V    | 349.00    |
| 602 3A22/5 | Rotators     | Blue   | 24 V    | 349.00    |

### 603 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1000 x H 108 x D 210mm

| Code no.   | Version      | Colour | Voltage | Price EUR |
|------------|--------------|--------|---------|-----------|
| 603 3A01/5 | Rotators     | Amber  | 12 V    | 339.00    |
| 603 3A02/5 | Rotators     | Amber  | 24 V    | 339.00    |
| 6F3 3A01/5 | Double flash | Amber  | 12 V    | 579.00    |
| 6F3 3A02/5 | Double flash | Amber  | 24 V    | 579.00    |
| 603 3A21/5 | Rotators     | Blue   | 12 V    | 348.00    |
| 603 3A22/5 | Rotators     | Blue   | 24 V    | 348.00    |



### 604 series

2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1200 x H 108 x D 210mm

| Code no.   | Version      | Colour | Voltage | Price EUR |
|------------|--------------|--------|---------|-----------|
| 604 3A01/5 | Rotators     | Amber  | 12 V    | 369.00    |
| 604 3A02/5 | Rotators     | Amber  | 24 V    | 369.00    |
| 6F4 3A01/5 | Double flash | Amber  | 12 V    | 619.00    |
| 6F4 3A02/5 | Double flash | Amber  | 24 V    | 619.00    |
| 604 3A21/5 | Rotators     | Blue   | 12 V    | 389.00    |
| 604 3A22/5 | Rotators     | Blue   | 24 V    | 389.00    |

### 605 series

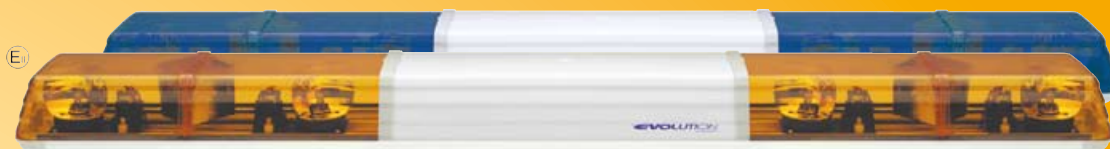
2 rotators or 2 double flashlights,  
2 additional mirrors  
Dimensions: W 1500 x H 108 x D 210mm

| Code no.   | Version      | Colour | Voltage | Price EUR |
|------------|--------------|--------|---------|-----------|
| 605 3A01/5 | Rotators     | Amber  | 12 V    | 429.00    |
| 605 3A02/5 | Rotators     | Amber  | 24 V    | 429.00    |
| 6F5 3A01/5 | Double flash | Amber  | 12 V    | 659.00    |
| 6F5 3A02/5 | Double flash | Amber  | 24 V    | 659.00    |
| 605 3A21/5 | Rotators     | Blue   | 12 V    | 479.00    |
| 605 3A22/5 | Rotators     | Blue   | 24 V    | 479.00    |



Available in various colours. Scratch-proof and shock-resistant





| Code no.       | Version      | Colour | Voltage | Price EUR |
|----------------|--------------|--------|---------|-----------|
| 625 3A01/5     | Rotators     | Amber  | 12 V    | 509.00    |
| 625 3A02/5     | Rotators     | Amber  | 24 V    | 509.00    |
| 6G5 3A01/5     | Double flash | Amber  | 12 V    | 995.00    |
| 6G5 3A02/5     | Double flash | Amber  | 24 V    | 995.00    |
| 625 3A21AAAB/5 | Rotators     | Blue   | 12 V    | 569.00    |
| 625 3A22AAAB/5 | Rotators     | Blue   | 24 V    | 569.00    |

### 625 series

4 rotators or 4 double flashlights,  
4 additional mirrors

Dimensions: W 1500 x H 108 x D 210mm



| Code no.       | Version      | Colour | Voltage | Price EUR |
|----------------|--------------|--------|---------|-----------|
| 626 3A02/5     | Rotators     | Amber  | 24 V    | 569.00    |
| 6G6 3A02/5     | Double flash | Amber  | 24 V    | 999.00    |
| 626 3A22AAAB/5 | Rotators     | Blue   | 24 V    | 599.00    |

### 626 series

4 rotators or 4 double flashlights,  
6 additional mirrors

Dimensions: W 1800 x H 108 x D 210mm

| Code no.   | Version      | Colour | Voltage   | Price EUR |
|------------|--------------|--------|-----------|-----------|
| 600 AA01/5 | Rotators     | Amber  | 12 V      | 174.00    |
| 600 AA02/5 | Rotators     | Amber  | 24 V      | 174.00    |
| 6F0 AA00/5 | Double flash | Amber  | 10 - 30 V | 419.00    |
| 600 AA21/5 | Rotators     | Blue   | 12 V      | 198.00    |
| 600 AA22/5 | Rotators     | Blue   | 24 V      | 198.00    |



### 600 series

2 rotators or 2 double flashlights,  
2 additional mirrors

Dimensions: W 570 x H 108 x D 210mm



| Code no.       | Version      | Colour | Voltage   | Price EUR |
|----------------|--------------|--------|-----------|-----------|
| 624 0A01AAAB/5 | Rotators     | Amber  | 12 V      | 489.00    |
| 624 0A02AAAB/5 | Rotators     | Amber  | 24 V      | 489.00    |
| 6G4 0A00/5     | Double flash | Amber  | 10 - 30 V | 959.00    |
| 624 2A21AAAB/5 | Rotators     | Blue   | 12 V      | 519.00    |
| 624 2A22AAAB/5 | Rotators     | Blue   | 24 V      | 519.00    |

### 624 series

4 rotators or 4 double flashlights,  
6 additional mirrors

Dimensions: W 1200 x H 108 x D 210mm

| Code no.       | Version  | Colour | Voltage | Price EUR |
|----------------|----------|--------|---------|-----------|
| 628 0A01AAAB/5 | Rotators | Amber  | 12 V    | 519.00    |
| 628 0A02AAAB/5 | Rotators | Amber  | 24 V    | 519.00    |
| 628 2A21AAAB/5 | Rotators | Blue   | 12 V    | 545.00    |
| 628 2A22AAAB/5 | Rotators | Blue   | 24 V    | 545.00    |

### 628 series

4 rotators, 6 additional mirrors

Dimensions: W 1370 x H 108 x D 210mm



| Code no.   | Version             | Colour | Voltage | Price EUR |
|------------|---------------------|--------|---------|-----------|
| 6W5 0A01/5 | Rotators, 6 mirrors | Amber  | 12 V    | 549.00    |
| 6W5 0A02/5 | Rotators, 6 mirrors | Amber  | 24 V    | 549.00    |
| 6W6 0A01/5 | Rotators, 8 mirrors | Amber  | 12 V    | 579.00    |
| 6W6 0A02/5 | Rotators, 8 mirrors | Amber  | 24 V    | 579.00    |

### 6W5/6W6 series

6 rotators, 6/8 additional mirrors

Dimensions:

W 1500 x H 108 x D 210 mm (6W5 series)

W 1800 x H 108 x D 210 mm (6W6 series)

# VISION ALERT

A Division of EVO

## Evolution lightbars with special equipment

These Evolution lightbars with special equipment are available in many different combinations. We can also build a lightbar according to your wishes: just contact us!



EVOLUTION  
BY VISION ALERT

### 604/605 series

2 rotators or strobes, 2 work lights, 2 additional mirrors  
Dimensions: W 1200 x H 108 x D 210 mm (604 series)  
W 1500 x H 108 x D 210 mm (605 series)

| Code no.       | Version      | Colour | Voltage | Price EUR |
|----------------|--------------|--------|---------|-----------|
| 604 3A01CAAA/5 | Rotators     | Amber  | 12 V    | 459.00    |
| 604 3A02CAAA/5 | Rotators     | Amber  | 24 V    | 459.00    |
| 605 3A01CAAA/5 | Rotators     | Amber  | 12 V    | 569.00    |
| 605 3A02CAAA/5 | Rotators     | Amber  | 24 V    | 569.00    |
| 6A4 3A01CAAA/5 | Double flash | Amber  | 12 V    | 649.00    |



### 626 series

4 rotators, 2 rear stop/indicator lamp units,  
4 additional mirrors  
Dimensions: W 1800 x H 108 x D 210 mm

| Code no.       | Version  | Colour | Voltage | Price EUR |
|----------------|----------|--------|---------|-----------|
| 626 3A02ACAB/5 | Rotators | Amber  | 24 V    | 629.00    |



### 603/604/608 series

2 rotators, 4 LED strobes, 2 additional mirrors  
Dimensions: W 1000 x H 108 x D 210mm (603)  
W 1200 x H 108 x D 210mm (604)  
W 1370 x H 108 x D 210mm (608)

| Code no.         | Version            | Colour | Voltage | Price EUR |
|------------------|--------------------|--------|---------|-----------|
| 603 3A01AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 12 V    | 599.00    |
| 603 3A02AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 24 V    | 599.00    |
| 604 3A01AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 12 V    | 799.00    |
| 604 3A02AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 24 V    | 799.00    |
| 608 3A01AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 12 V    | 899.00    |
| 608 3A02AAAAAB/5 | 2 rotators, 4 LEDs | Amber  | 24 V    | 899.00    |

## Multiwave Evolution lightbars

These Evolution lightbars are equipped with controllable indicator modules. With the control unit installed in driver's cab, you operate the indicator effects to give appropriate signals to following traffic, e.g. passing left or right.



### 605/608 series

2 rotators, 2 mirrors, multiwave lights  
Dimensions: W 1370 x H 108 x D 210 mm (608 series)  
W 1500 x H 108 x D 210 mm (605 series)

| Code no.       | Version  | Colour | Voltage | Price EUR |
|----------------|----------|--------|---------|-----------|
| 608 0A01AAAE/5 | Rotators | Amber  | 12 V    | 619.00    |
| 605 0A02AAAE/5 | Rotators | Amber  | 24 V    | 629.00    |



incl. control unit



### 626 series

4 rotators, 4 mirrors, multiwave lights  
Dimensions: W 1800 x H 108 x D 210 mm

| Code no.       | Version  | Colour | Voltage | Price EUR |
|----------------|----------|--------|---------|-----------|
| 626 0A02AJAB/5 | Rotators | Amber  | 24 V    | 789.00    |





all lightbars on this double page incl. roof assembly kit comprising:  
2 x rubber blocks  
2 x fixing material



## Vision Alert Evolution LED lightbars

LED lightbar in Evolution design with clear glass optics. Equipped with two or four high performance LED modules and additional mirrors for light enhancement. All lightbars delivered with roof mounting kit and white (lit) centrepieces.



| Code no.   | Version       | Colour | Voltage | Price EUR |
|------------|---------------|--------|---------|-----------|
| 6VA 0426/5 | 2 LED modules | Amber  | 12 V    | 579.00    |
| 6VA 0467/5 | 2 LED modules | Amber  | 24 V    | 579.00    |

### 60 series.

Two LED modules, two additional mirrors.  
Dim.: W 1000 x H 108 x D 210mm

| Code no.   | Version       | Colour | Voltage | Price EUR |
|------------|---------------|--------|---------|-----------|
| 6VA 0427/5 | 2 LED modules | Amber  | 12 V    | 619.00    |
| 6VA 0468/5 | 2 LED modules | Amber  | 24 V    | 619.00    |

### 60 series.

Two LED modules, two additional mirrors  
Dim.: W 1200 x H 108 x D 210mm



| Code no.   | Version       | Colour | Voltage | Price EUR |
|------------|---------------|--------|---------|-----------|
| 6VA 0527/5 | 4 LED modules | Amber  | 12 V    | 1,149.00  |
| 6VA 0528/5 | 4 LED modules | Amber  | 24 V    | 1,149.00  |

### 60 series.

Four LED modules, four additional mirrors.  
Dim.: W 1500 x H 108 x D 210mm



| Code no.   | Version       | Colour | Voltage | Price EUR |
|------------|---------------|--------|---------|-----------|
| 6VA 0529/5 | 4 LED modules | Amber  | 12 V    | 1,199.00  |
| 6VA 0530/5 | 4 LED modules | Amber  | 24 V    | 1,199.00  |

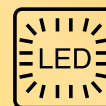
### 60 series.

Four LED modules, four additional mirrors.  
Dim.: W 1800 x H 108 x D 210mm



## Vision Alert LED lightbars

LED lightbars with extremely low 53 mm profile. Quad flash LED modules with fast flash frequency and very low power consumption. Wide-angle optics, various flash effects.



| Code no.  | Description  | Version        | Colour | Width   | Depth  | Voltage | Price EUR |
|-----------|--------------|----------------|--------|---------|--------|---------|-----------|
| 317 913/5 | LED lightbar | 6 LED modules  | Amber  | 590 mm  | 305 mm | 12 V    | 699.00    |
| 317 919/5 | LED lightbar | 10 LED modules | Amber  | 590 mm  | 305 mm | 12 V    | 999.00    |
| 317 921/5 | LED lightbar | 8 LED modules  | Amber  | 980 mm  | 305 mm | 12 V    | 999.00    |
| 317 925/5 | LED lightbar | 12 LED modules | Amber  | 1240 mm | 305 mm | 12 V    | 1,459.00  |
| 317 929/5 | LED lightbar | 14 LED modules | Amber  | 1500 mm | 305 mm | 12 V    | 1,849.00  |
| 317 933/5 | LED lightbar | 14 LED modules | Amber  | 1500 mm | 305 mm | 24 V    | 1,849.00  |



## Running lights

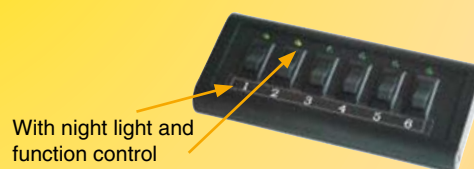
The Safety Director running lights are the optimal solution to warn following traffic of danger and to signal on which side the other vehicles can pass. Incl. control unit with 8 different flash effects.



| Code no.  | Version          | Colour | Dimensions                | Voltage | Price EUR |
|-----------|------------------|--------|---------------------------|---------|-----------|
| 100 202/5 | 8 halogen lights | Amber  | W 1200 x H 100 x D 160 mm | 12 V    | 490.00    |

## Vario control unit

This central control unit saves you a lot of mounting time. If all consumers are connected with this control unit you don't have to install all switches singly in the driver's cab. The control unit and the switch box are simply connected with a thin telephone wire. The LEDs provide a location and function indication.



incl. switch box



incl. cable

| Code no.  | Description        | Power   | Voltage | Price EUR |
|-----------|--------------------|---------|---------|-----------|
| 200 080/5 | Vario control unit | 6 x 8 A | 12 V    | 179.00    |
| 200 081/5 | Vario control unit | 6 x 8 A | 24 V    | 179.00    |

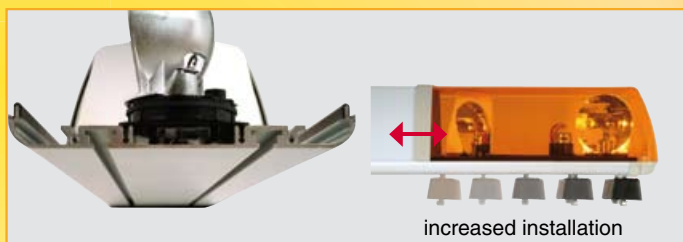


## Flexibel & Robust

En stark grund är förutsättningen för framgång  
En ytterst robust bottenplatta i aluminium är  
garant för lång livslängd och flexibel montering  
av ljusrampen. Kvalitet till rätt pris gör dessa  
kvalitetsrampor till bland marknadens mest  
sålda. Välj kvalitet!



all lightbars on this  
double page incl.  
roof assembly kit  
comprising:  
2 x rubber blocks  
2 x fixing material



| Code no.     | Version  | Colour | Voltage | Price EUR |
|--------------|----------|--------|---------|-----------|
| 704 901AAF/5 | Rotators | Amber  | 12 V    | 399.00    |
| 704 902AAF/5 | Rotators | Amber  | 24 V    | 399.00    |
| 705 901AAF/5 | Rotators | Amber  | 12 V    | 480.00    |
| 705 902AAF/5 | Rotators | Amber  | 24 V    | 480.00    |

## 704/705 series

2 rotators, 2 mirrors, 2 work lights  
Dimensions: W 1200 x H 140 x D 210 mm  
(704 series)  
W 1500 x H 140 x D 210 mm  
(705 series)



| Code no.     | Version  | Colour | Voltage | Price EUR |
|--------------|----------|--------|---------|-----------|
| 704 001AKA/5 | Rotators | Amber  | 12 V    | 469.00    |
| 704 002AKA/5 | Rotators | Amber  | 24 V    | 469.00    |
| 705 091AAF/5 | Rotators | Amber  | 12 V    | 499.00    |
| 705 092AAF/5 | Rotators | Amber  | 24 V    | 499.00    |
| 708 091AAF/5 | Rotators | Amber  | 12 V    | 480.00    |
| 708 092AAF/5 | Rotators | Amber  | 24 V    | 480.00    |

## 704/705/708 series

2 rotators, 2 mirrors,  
2 work lights, illuminated centre  
Dimensions: W 1200 x H 140 x D 210 mm  
(704 series)  
W 1500 x H 140 x D 210 mm  
(705 series)  
W 1370 x H 140 x D 210 mm  
(708 series)



| Code no.     | Version  | Colour | Voltage | Price EUR |
|--------------|----------|--------|---------|-----------|
| 705 901DJF/5 | Rotators | Amber  | 12 V    | 499.00    |
| 705 902DJF/5 | Rotators | Amber  | 24 V    | 499.00    |
| 706 902DJF/5 | Rotators | Amber  | 24 V    | 569.00    |

## 705/706 series

2 rotators, 2 mirrors,  
2 work lights  
Rear light, brake light, indicator  
Dimensions: W 1500 x H 140 x D 210 mm  
(705 series)  
W 1800 x H 140 x D 210 mm  
(706 series)

## Collapsible lightbar bracket

Ideal for operations with height restrictions such as underground car parks. The bracket folds back 180°, reducing the vehicle height by the height of the lightbar. With manual locking.



| Code no. | Description                            | Height | Price/pair EUR |
|----------|--|--------|----------------|
| 361 193  | Collapsible aluminium lightbar bracket | 30 mm  | 149.00         |

## Aluminium roof rack systems

Especially developed for vehicles without gutters or drip rails e.g. MB Atego, Actros, MAN L 2000 and MAN TGL. Made of high quality anodised aluminium.



Suitable for Vision Alert lightbars of 600 and 700 series.



incl. mounting kit



| Code no. | Description | Vehicle type    | Position   | Height     | Price/pair EUR |
|----------|-------------|-----------------|------------|------------|----------------|
| 361 001  | Roof rack   | Atego           | front      | 120/107 mm | 64.00          |
|          |             | Actros          | front      |            |                |
| 361 031  | Roof rack   | MAN TGL         | front/rear | 125/110 mm | 64.00          |
|          |             | Atego           | front      |            |                |
|          |             | Actros          | front      |            |                |
| 361 041  | Roof rack   | MAN L 2000      | front      | 130 mm     | 64.00          |
|          |             | Atego long cab  | rear       |            |                |
|          |             | Actros long cab | rear       |            |                |

## Lightbar consoles

For mounting Vision Alert lightbars. Only available in white, other vehicle makes on request!

- no drilling of vehicle roof necessary
- simple adhesion technique
- impressive design
- aerodynamically shaped
- glass fibre, therefore very light



Delivery without lightbar!

technology of the future

| Code no. | Description                       | Vehicle type                      | Price EUR |
|----------|-----------------------------------|-----------------------------------|-----------|
| 363 702  | Lightbar console                  | Fiat Ducato single cab chassis    | 289.00    |
|          |                                   | Citroen Jumper single cab chassis |           |
|          |                                   | Peugot Boxer single cab chassis   |           |
| 363 712  | Lightbar console                  | MB Sprinter single cab chassis    | 289.00    |
|          |                                   | VW Crafter single cab chassis     |           |
| 363 805  | Glue kit fibre-glass roof console |                                   | 37.20     |



363 805



## Navigation

The Truckmate S7000 is the first navigation system specially developed for HGVs. Routes are calculated based on the length and weight of your truck thus making unpassable roads or bridges a thing of the past!



335 260



DVB-T, TMC  
and hands-  
free included



335250 set



### Scope of Delivery:

- SatNav system Truckmate S7000
- Reversing camera
- 24/12V transformer

| Code no. | Description  | Display | Model           | Voltage | Price EUR |
|----------|--|---------|-----------------|---------|-----------|
| 335 260  | Truckmate S7000  | 7"      | Truckmate S7000 | 24 V    | 499.00    |
| 335 250  | Navigation system Truckmate S7000 set,<br>with reversing camera and 24/12V transformer |         |                 |         | 649.00    |

## Sat-nav box EU Truck

Universal 12/24V truck navigation box which will connect to just about any existing monitor, with NAVTEQ map material for 43 European countries including Russia. With USB port, remote control with touchscreen, SD card with map material and TMC. Dimensions: L 140 x W 110 x H 26mm. Call us for more information: freefone 00800 9955 9955 or 0049 7304 9695100



NEW

Guides your  
truck through  
Europe



remote control with  
touch-screen



monitor not included



335 405

| Code no. | Description          | Price EUR |
|----------|----------------------|-----------|
| 335 405  | Sat-nav box EU Truck | 639.00    |

## Powder extinguisher

Portable, refillable powder extinguisher in very compact construction. Pressure gauge, filter and check valve standard. Every extinguisher is provided with a stable, vibration-proof vehicle retainer.

Contents 2 kg, DIN EN 13A 89B C.

Area of application: passenger car, HGV-cab, workshop, kitchen



325 405

| Code no. | Description                             | Fire protection class | Contents | Price EUR |
|----------|---|-----------------------|----------|-----------|
| 325 405  | Powder extinguisher with pressure gauge | A, B, C               | 2 kg     | 28.90     |



325 415

## Powder extinguisher (permanent pressure)

With hose and check valve. Mounting plate included in delivery. We supply this extinguisher with maintenance certificate. For installation outside it is obligatory to use an adequate protective cover.

Contents: 6 kg, DIN EN 3 27A 144B C

Area of application: factory premises, workshop, garages, HGVs, also suitable when transporting hazardous materials.

| Code no. | Description  | Fire protection class | Contents | Price EUR |
|----------|--|-----------------------|----------|-----------|
| 325 415  | Powder extinguisher (permanent pressure) with mounting plate | A, B, C               | 6 kg     | 29.50     |

## Refillable powder extinguishers

Refillable powder extinguisher with internal foaming cartridge. With integrated safety valve and controllable nozzle. Wall mounting plate is included in delivery. We supply this extinguisher with maintenance certificate. For installation outside it is obligatory to use an adequate protective cover.

Contents: 6 kg, (DIN EN 3 27A 144B C) or 12 kg (DIN EN 3 55A 233B C)

Area of application: factory premises, workshop, garages, HGVs (only 6 kg), also suitable when transporting hazardous materials.

1. Sicherungsschild
2. Gerät am Haltegriff anheben
3. Betätigen

incl. wall mounting plate



325 425



325 435

| Code no. | Description                                  | Fire protection class | Contents | Price EUR |
|----------|--|-----------------------|----------|-----------|
| 325 425  | Powder extinguisher with wall mounting plate | A, B, C               | 6 kg     | 59.00     |
| 325 435  | Powder extinguisher with wall mounting plate | A, B, C               | 12 kg    | 89.00     |

## Truck-Box for powder extinguishers

Long life guaranteed! Plastic cover with practical quick fasteners. The box (325 335) can be hinged left or right, and has a rubber gasket all around. When mounting the box 325 315 in vehicles, the mounting bracket 325 445 should also be ordered. (Delivery without extinguisher!)



325 445

325 315  
(without extinguisher)



325 335  
(without extinguisher)

| Code no. | Description  | Dimensions               | Price EUR |
|----------|--|--------------------------|-----------|
| 325 445  | Holder for all 6 kg extinguishers for vehicles     |                          | 18.90     |
| 325 315  | Protective cover for powder extinguisher FS-6/EK   | W 320 x H 620 x D 210 mm | 49.00     |
| 325 335  | Protective cover for powder extinguisher Truck-Box | W 348 x H 620 x D 226 mm | 55.00     |

## Stainless steel sliding boxes

These fully extending stainless steel boxes are particularly suitable for low transport vehicles. Model for fire extinguisher 6 - 9 kg up to Ø 180 mm or with collecting tray for straps and other materials. V2A rotary bolt lock mechanism.

| Code no. | Description              | Width  | Height | Depth  | Price EUR |
|----------|--------------------------|--------|--------|--------|-----------|
| 420 754  | Extinguisher sliding box | 340 mm | 315 mm | 705 mm | 309.00    |
| 420 764  | Sliding storage box      | 340 mm | 315 mm | 705 mm | 433.00    |



Fig. 420 754  
Fire extinguisher not included



# WIRELESS LED REAR LIGHTS

wireless rear lights for  
spec lift towing

No more bothersome cables:

- insert transmitter
- attach lights  
(magnetic or suction)
- switch on
- ready!

They work just like normal  
rear lights, and have a range  
of up to 30m.



100 194 + 100 214  
Mag-mount

## Wireless radio controlled

- Ideal for vehicles in the spectacle lift
- No time wasted connecting cables
- Work just like normal rear lights
- Available in mag-mount oder vacuum-suction versions
- Plug types 01 and 02 with integrated 12/24 V transmitter
- Integrated high performance power pack with up to 40 hours lifetime between charging
- Switchable to permanently lit

**QUICK TO  
SET UP**

Suction version



100 334 + 100 354  
Suction mounting

Magnetic version



Transmitter



| Code no. | Description                        | Version | Connector | Voltage | Price EUR |
|----------|------------------------------------|---------|-----------|---------|-----------|
| 100 214  | Radio-controlled rear lights LED   | Magnet  | Type 01   | 12 V    | 329.00    |
| 100 194  | Radio-controlled rear lights LED   | Magnet  | Type 02   | 24 V    | 329.00    |
| 100 334  | Radio-controlled rear lights LED   | Suction | Type 01   | 12 V    | 349.00    |
| 100 354  | Radio-controlled rear lights LED   | Suction | Type 02   | 24 V    | 349.00    |
| 300 514  | Case for portable lighting systems |         |           |         | 27.00     |

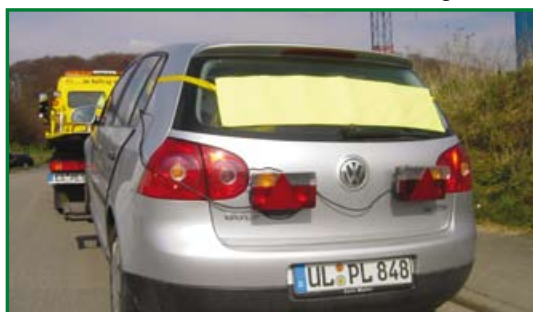


300 514  
Case for  
portable  
lighting  
systems

**ACCESSORY  
RECOMMENDATION**

## Warning banner

Warning banner for rearward attention during towing operation, luminous yellow, dimensions 1000 x 250 mm, fastening belt 4 m long.



Picture with magnetic rear lights code no. 100 194 or 100 214

| Code no. | Description    | Price EUR |
|----------|----------------|-----------|
| 321 255  | Warning banner | 39.50     |





## Magnetic rear lights

Two strong magnets fix the lights securely on the vehicle. Rear lights are incline adjustable, with big additional reflectors.



| Code no. | Description          | Connector | Cable length | Voltage | Price EUR |
|----------|----------------------|-----------|--------------|---------|-----------|
| 100 253  | Magnetic rear lights | Type 01   | 10 m         | 12 V    | 99.50     |
| 100 263  | Magnetic rear lights | Type 02   | 10 m         | 24 V    | 99.50     |



## Magnetic rear lights, fixed

Magnetic rear lights, non-adjustable



| Code no. | Description          | Connector | Cable length | Voltage | Price EUR |
|----------|----------------------|-----------|--------------|---------|-----------|
| 300 703  | Magnetic rear lights | Type 01   | 7.5 m        | 12 V    | 59.00     |
| 300 753  | Magnetic rear lights | Type 01   | 12 m         | 12 V    | 99.00     |



300 753  
incl. case



Connector type 01

Connector type 02  
DIN ISO 1185  
Clamp 31 = contact bushing

## Suction cup rear lights

These ProLux suction cup rear lights provide indispensable safety for your daily work. The lights can be fixed on every car, bus or HGV. The suction cup lights comply with the legal basis of rear lights and are very practical.



ACCESSORY  
RECOMMENDATION

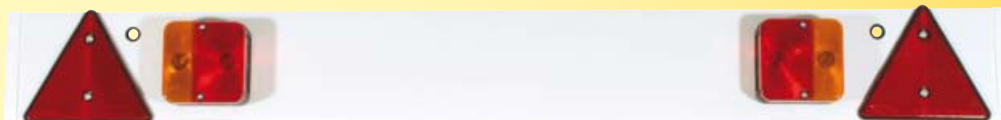


300 514  
Case for portable  
lighting systems

| Code no. | Description                        | Connector | Cable length | Voltage | Price EUR |
|----------|------------------------------------|-----------|--------------|---------|-----------|
| 100 203  | Suction cup rear lights            | Type 01   | 7 m          | 12 V    | 88.00     |
| 100 183  | Suction cup rear lights            | Type 01   | 7 m          | 24 V    | 88.00     |
| 100 163  | Suction cup rear lights            | Type 02   | 7 m          | 24 V    | 92.00     |
| 100 123  | Suction cup rear lights            | Type 02   | 25 m         | 24 V    | 105.00    |
| 300 514  | Case for portable lighting systems |           |              |         | 27.00     |

## Trailerboards

with towing lights for vehicles which are transported via spectacle lift.  
Width 1.22 m.



| Code no. | Description  | Connector | Cable length | Voltage | Price EUR |
|----------|--------------|-----------|--------------|---------|-----------|
| 300 587  | Trailerboard | Type 01   | 9 m          | 12 V    | 49.00     |
| 300 687  | Trailerboard | Type 02   | 20 m         | 24 V    | 98.00     |



## Telescopic trailerboards

Telescopic trailerboard, stable construction, zinc-plated, adjustable from 1.40 m to 2.10 m.  
24 V version comes with 20 m more cable.



| Code no. | Description  | Version    | Connector | Cable length | Voltage | Price EUR |
|----------|--------------|------------|-----------|--------------|---------|-----------|
| 300 545  | Trailerboard | telescopic | Type 01   | 7.5 m        | 12 V    | 48.00     |
| 300 555  | Trailerboard | telescopic | Type 02   | 7.5 + 20 m   | 24 V    | 104.00    |

## Extension cable

Extension cable for suction and magnetic rear lights, with 7-pin plug and coupling.

| Code no. | Description     | Version      | Connector | Cable length | Voltage | Price EUR |
|----------|-----------------|--------------|-----------|--------------|---------|-----------|
| 300 565  | Extension cable | Standard     | Type 01   | 6 m          | 12 V    | 19.90     |
| 300 575  | Extension cable | Spiral cable | Type 01   | 2.5 m        | 12 V    | 25.50     |



## Reversing warning systems

Less damage - more time! No problems anymore when reversing in narrow streets, entrances or exits. Safe, damage-free monitoring of reversing manoeuvres. Impediments are impossible to overlook due to the four high performance ultrasonic sensors.



| Code no.  | Description              | Version                    | Voltage | Price EUR |
|-----------|--------------------------|----------------------------|---------|-----------|
| 150 201/5 | Reversing warning system | plastic bumper assembly    | 12/24 V | 199.00    |
| 150 202/5 | Reversing warning system | steel bumper assembly      | 12/24 V | 199.00    |
| 150 301/5 | Reversing warning system | underride barrier mounting | 24 V    | 219.00    |





## Bulldog wheel clamps

To secure towed vehicles from false parkers. The owner can't drive away until you are ready for them to do so. Use the Bulldog wheel clamps to secure vehicles in other areas if your own premises are full.

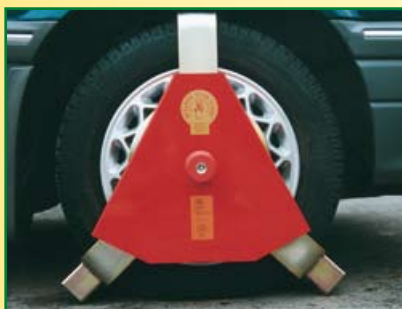


### Autoclamp

The Autoclamp is available in two sizes up to 20 inch Ø and 255 mm breadth. It partly covers the bolt circle of the wheel making it impossible to demount.



| Code no. | Description | Wheel size | Wheel Ø     | Wheel width  | Price EUR |
|----------|-------------|------------|-------------|--------------|-----------|
| 610 104  | Autoclamp   | up to 17 " | max. 640 mm | 145 - 205 mm | 145.00    |
| 610 704  | Autoclamp   | up to 20 " | max. 740 mm | 155 - 255 mm | 169.00    |



### Wheel clamp

This wheel clamp fits wheels with diameters between 12 and 17 inches and breadth up to 220 mm. It covers the wheel bolts with its big metal plate and thereby makes it impossible to demount the wheel. Thanks to the robust construction it is equally impossible to drive away with the clamp on the wheel.

| Code no. | Description | Wheel size | Wheel Ø     | Wheel width | Price EUR |
|----------|-------------|------------|-------------|-------------|-----------|
| 610 204  | Wheel clamp | up to 17 " | max. 640 mm | 140-220 mm  | 219.00    |

## Pit Bull wheel clamp, without lug blocker

For wheel widths from 50 to 400mm. Especially secure due to high-strength steel alloy and a sturdy security lock. Weighs only 8.5kg and is therefore practical and easy to handle. Recommended accessory: wheelnut cover, code no. 610 946.



| Code no. | Description                               | Wheel size | Wheel width | Price EUR |
|----------|---|------------|-------------|-----------|
| 610 926  | Pit Bull wheel clamp, without lug blocker | up to 22 " | 50-400 mm   | 359.00    |
| 610 946  | Lug blocker for Pit Bull wheel clamp      |            |             | 79.00     |

## King pin lock

The Bulldog heavy duty king pin lock prevents coupling of tractor to trailer. As well as being simple to fit and remove, the king pin lock comes with a PVC carrier for clean, grease-free handling. Fitted with Bulldog's unique anti-pick and anti-drill locking bolt.



| Code no. | Description   | Weight | Price EUR |
|----------|---------------|--------|-----------|
| 610 804  | King pin lock | 5.5 kg | 149.00    |



## Anti-theft devices for car trailers

For use on coupled or uncoupled trailers. Stable but nevertheless compact construction, simple installation, zinc-plated, with discus lock.

619 503



619 603



| Code no. | Description                    | Version   | Price EUR |
|----------|--------------------------------|-----------|-----------|
| 619 503  | Anti-theft device for trailers | uncoupled | 13.30     |
| 619 603  | Anti-theft device for trailers | coupled   | 18.60     |

## Anti-theft device for HGV trailers

Prevents unauthorised coupling of your trailer. Suitable for all trailers with towing eye of 40 mm diameter. Zinc-plated construction, incl. discus lock with toughened lock bolt.



| Code no. | Description   | Price EUR |
|----------|---|-----------|
| 610 853  | Anti-theft device for trailers with 40 mm towing eyes | 39.90     |

## Anti-theft protection for diesel fuel tanks

Prevents undesired removal of diesel out of your tank. With anti-corrosion coating. Stable construction, seemingly indestructible with quick and simple installation. With nitrile washer. The original fuel tank cap can still be used (excepting Scania). The stated diameter refers to the filler hole.



619 105



619 165



619 135



619 155



| Code no. | Description                                 | Connection | Fuel tank cap | Ø      | Price EUR |
|----------|---|------------|---------------|--------|-----------|
| 619 105  | Anti-theft protection for diesel fuel tanks | Bayonet    | Standard      | 80 mm  | 46.90     |
| 619 135  | Anti-theft protection for diesel fuel tanks | Bayonet    | Standard      | 105 mm | 46.90     |
| 619 155  | Anti-theft protection for diesel fuel tanks | Screw cap  | SCANIA        | 80 mm  | 79.90     |

# Reflective vehicle contour marking

(compulsory in Germany according to ECE 104 since October 2007)

A third of all accidents involving HGVs happen in adverse weather conditions such as rain, fog, at twilight or by night. Following vehicles recognise HGVs in front of them poorly or not at all and cause rear end collisions.

**Reflective contour marking reduces the chances drastically due to the fact that visibility is ensured from a long distance.**












**An investment that pays for itself immediately:**

- protection for your vehicle and your driver
- reduction of costs and immobilisation caused by possible accidents
- compliance with current legislation
- optical upgrading of the vehicle
- image gain for your business

**SAFETY  
FIRST!**

**All contour marking products supplied by ProLux comply with ECE 104**

**Regulation of contour marking:**

| Application of reflective marking tape for new vehicles<br>according to EN ECE R 48<br>according to R 2007/35/EG |   | mandatory<br>- July 2011<br>- July 2011 | permitted | not permitted |
|--|---|---|-----------|---------------|
| Passenger vehicles with at least 4 wheels and vehicles with 3 wheels and a max. weight of more than 1 to.        |   |   |           |               |
| Passenger vehicles with max. 8 seats plus driver   |    |   |           | ✗             |
| Passenger vehicles with more than 8 seats plus driver and a max. weight of up to 5 to.                           |    |   | ✓         |               |
| Passenger vehicles with more than 8 seats plus driver and a maximum weight of more than 5 to.                    |   |   | ✓         |               |
| Cargo vehicles with at least 4 wheels and cargo vehicles with 3 wheels and a max. weight of more than 1 to.      |   |   |           |               |
| Cargo vehicles with a max. weight of 3.5 to.   |  |   | ✓         |               |
| Cargo vehicles with a max.weight above 3.5 to. and up to 7.5 to.*  |  |   | ✓         |               |
| Cargo vehicles with a max. weight of more than 7.5 to.*  |  | ✓                                       | ✓         |               |
| Cargo vehicles with a max. weight of more than 12 to.*   |  | ✓                                       | ✓         |               |
| Trailers (incl. semi-trailers)   |   |   |           |               |
| Trailers with a max. weight of 0.75 to.  |  |   |           | ✗             |
| Trailers with a max. weight above 0.75 to. and up to 3.5 to.   |  |   | ✓         |               |
| Trailers with a max. weight above 3.5 to. and up to 10 to.   |  | ✓                                       | ✓         |               |
| Trailers with a max. weight of more than 10 to.  |  | ✓                                       | ✓         |               |

**Contour marking:**

- vehicle silhouette from the side and the rear
- lower marking min. 25 cm, max. 150 cm from the floor
- distance of rear marking to brake lights min. 20 cm
- side marking : white or yellow, rear marking: white, yellow or red

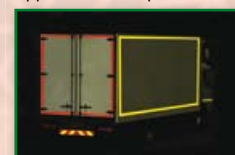
**Partial marking:**

- marking of the complete vehicle length and width, plus the upper corners (2 stripes at right angles to each other min. 25 cm long)
- intermittent marking must cover min. 80% of the vehicle length and width
- distances/colours as contour marking

**Line marking:**

- marking of the whole vehicle length in lower area
- distances/colours as contour marking (exception: distance to floor up to 210 cm if technically not otherwise possible)

Application examples:







## Retro-reflective marking tape for contour marking according to ECE 104

Increased daytime visibility and higher reflective power according to ECE 104.

Compulsory for vehicles over 3.5 t. total weight or 6m in length, available in red/white/yellow.

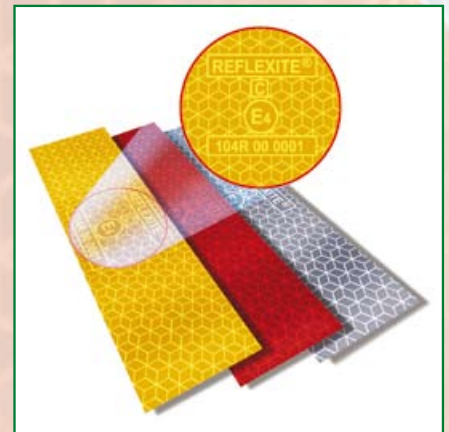
**PRICE  
SENSATION**

50 m roll  
from € 195



Improved safety by night: the unique micro-prism technology brings high light reflection, making your vehicle visible from several hundred metres by night. Simple to apply, sticks reliably, withstands washing and pressure washers.

**WITHSTANDS  
PRESSURE  
WASHERS**



### Rigid grade

| Code no. | Description                                | Mounting | Colour | Width | Price/m EUR | from 50 m EUR |
|----------|--|----------|--------|-------|-------------|---------------|
| 280 924  | Reflective marking tape for rigid surfaces | side     | White  | 50 mm | 5.20        | 3.50          |
| 280 944  | Reflective marking tape for rigid surfaces | side     | Yellow | 50 mm | 5.20        | 3.50          |
| 280 964  | Reflective marking tape for rigid surfaces | rear     | Red    | 50 mm | 5.20        | 3.50          |

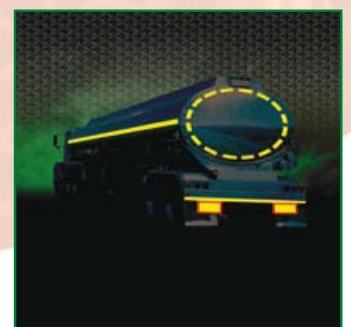
### Curtain grade

| Code no. | Description  | Mounting | Colour | Width | Price/m EUR | from 50 m EUR |
|----------|--|----------|--------|-------|-------------|---------------|
| 280 724  | Reflective marking tape for flexible surfaces (e.g. tarpaulin) | side     | White  | 50 mm | 5.95        | 5.40          |
| 280 744  | Reflective marking tape for flexible surfaces (e.g. tarpaulin) | side     | Yellow | 50 mm | 5.95        | 5.40          |
| 280 764  | Reflective marking tape for flexible surfaces (e.g. tarpaulin) | rear     | Red    | 50 mm | 5.95        | 5.40          |

### Retro-reflective films for tankers according to ECE 104

Reflexite VC 104 tanker stickers are available pre-cut on rolls. They are 160 mm long, enabling curved areas to be marked whilst maintaining the advantages of our established Reflexite retro-reflective marking tapes.

| Code no. | Description            | Quantity   | Colour | Dimensions      | Price EUR |
|----------|------------------------|------------|--------|-----------------|-----------|
| 280 814  | Hi-vis tanker stickers | 60 pieces  | White  | L 160 x W 50 mm | 69.00     |
| 280 824  | Hi-vis tanker stickers | 60 pieces  | Yellow | L 160 x W 50 mm | 69.00     |
| 280 834  | Hi-vis tanker stickers | 300 pieces | White  | L 160 x W 50 mm | 229.00    |
| 280 844  | Hi-vis tanker stickers | 300 pieces | Yellow | L 160 x W 50 mm | 229.00    |





## Reflective warning tape

DIN 30 710 compliant protection for material and staff.

Ideal for application on tow trucks in flowing traffic, crane columns, wheel lifts, end pieces etc.

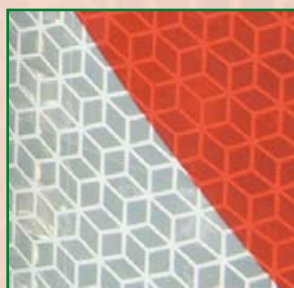
Set of 4 strips (14.1 x 70.5 cm, 2 pointing to left, 2 pointing to right) or 9 metres respectively 45.7 metres on a roll. 14.1/28.2 cm wide.

| Code no. | Description               | Version  | Width  | Length          | Price EUR |
|----------|---------------------------|--|--------|-----------------|-----------|
| 280 905  | Reflective warning strips | 4 strips (2 pointing to left, 2 pointing to right) | 141 mm | 0.7 m per strip | 39.00     |

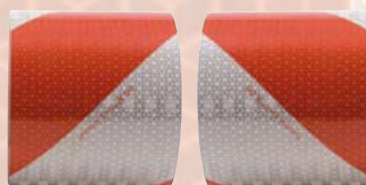


left

right



No additional  
sealing of  
the edges  
necessary!



280 975

280 985



280 865

280 875



Improved safety by night:

the unique micro-prism technology brings high light reflection, making your vehicle visible from several hundred metres by night. Simple to apply, sticks reliably, withstands washing and pressure washers.

## red-white

| Code no. | Description             | Version                | Width  | Length | Price EUR |
|----------|-------------------------|------------------------|--------|--------|-----------|
| 280 975  | Reflective warning tape | Roll pointing to left  | 141 mm | 9 m    | 119.00    |
| 280 985  | Reflective warning tape | Roll pointing to right | 141 mm | 9 m    | 119.00    |
| 280 815  | Reflective warning tape | Roll pointing to left  | 141 mm | 45.7 m | 619.00    |
| 280 825  | Reflective warning tape | Roll pointing to right | 141 mm | 45.7 m | 619.00    |
| 280 865  | Reflective warning tape | Roll pointing to left  | 282 mm | 9 m    | 259.00    |
| 280 875  | Reflective warning tape | Roll pointing to right | 282 mm | 9 m    | 259.00    |

## Reflective warning tape

Protection for material and staff.

Ideal for application on crane columns, wheel lifts, end pieces etc.

9 metres on a roll 141mm wide.



### red-yellow

| Code no. | Description             | Version        | Colour     | Width  | Length | Price EUR |
|----------|-------------------------|----------------|------------|--------|--------|-----------|
| 281 705  | Reflective warning tape | slanting left  | red/yellow | 141 mm | 9 m    | 189.00    |
| 281 715  | Reflective warning tape | slanting right | red/yellow | 141 mm | 9 m    | 189.00    |



### Retro-reflective adhesive labels

Increased safety when leaving vehicles. These self-adhesive reflective labels will enable approaching vehicles to see you by night and poor visibility. Consists of 6 pieces.

| Code no. | Description                      | Quantity | Colour | Dimensions      | Price/set EUR |
|----------|----------------------------------|----------|--------|-----------------|---------------|
| 280 955  | Retro-reflective adhesive labels | 6 pieces | Red    | L 100 x W 25 mm | 3.90          |

## Rear marking tape according to ECE 70

Safety markings for all HGVs and trailers with EU qualification approval. Prevents rear-end collisions. Compulsory in a lot of countries. Aluminium base with yellow highly reflective foil and luminous red. To be fastened on flat, solid surfaces. Excellent warning effect by day or night. Allowable mounting possibilities: For each vehicle/trailer either one full marking or two half markings or 4 quarter markings.



281 105



281 305



281 205



281 405



281 505



281 605

| Code no. | Description              | Version  | Dimensions    | Price EUR |
|----------|--------------------------|----------|---------------|-----------|
| 281 105  | Full marking 1 piece     | Tractors | 132 x 1132 mm | 25.40     |
| 281 205  | Half marking 2 pieces    | Tractors | 132 x 566 mm  | 18.00     |
| 281 305  | Quarter marking 4 pieces | Tractors | 132 x 283 mm  | 27.00     |
| 281 405  | Full marking 1 piece     | Trailers | 197 x 1132 mm | 24.00     |
| 281 505  | Half marking 2 pieces    | Trailers | 197 x 566 mm  | 27.00     |
| 281 605  | Quarter marking 4 pieces | Trailers | 197 x 283 mm  | 32.00     |



## Barrier tape red/white

Barrier tape red/white. Extremely tearproof, made of PE.

Width 80 mm, length 500 m in roller carton.

| Code no. | Description            | Price EUR |
|----------|------------------------|-----------|
| 281 351  | Barrier tape red/white | 12.50     |





## Collapsible warning triangle 70/90

Perfect for recovery and accident scenes. The frame is made of stable, galvanised steel and is quick to assemble. Additionally a flash light can be attached to the frame. Thanks to the stabiliser bar the warning triangle remains secure.



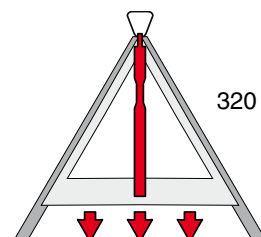
320 257



320 297

Other labelling possible - ask us!

## Stabiliser bar for collapsible warning triangle 70/90 cm



320 237

| Code no. | Description                  | Imprint          | Edge length | Price EUR |
|----------|------------------------------|------------------|-------------|-----------|
| 320 257  | Collapsible warning triangle | Exclamation mark | 70 cm       | 96.00     |
| 320 297  | Folding warning triangle 90  | Exclamation mark | 90 cm       | 215.00    |

| Code no. | Description  | Price EUR |
|----------|--|-----------|
| 320 237  | Stabiliser bar for collapsible warning triangle 70/90 cm | 13.90     |



321 347

321 327

## Traffic cones compliant with European traffic regulations

Newly developed version with practical recessed grip for easier use. Hi-vis material reinforced for more protection against peeling. Weighted base with studded corners (can be placed on fresh markings). Fully compliant with EU standard for traffic cones DIN en 13422:



320 307



| Code no. | Description   | Version         | Version                               | Height | Weight | Price EUR |
|----------|---------------|-----------------|---------------------------------------|--------|--------|-----------|
| 320 307  | Traffic cone  | Standard        | fluorescent                           | 500 mm | 1.2 kg | 9.90      |
| 321 327  | Traffic cones | reflective film | German traffic regulations conformity | 500 mm | 2.8 kg | 19.90     |
| 321 347  | Traffic cones | reflective film | German traffic regulations conformity | 750 mm | 5.7 kg | 34.00     |

| Code no. | Description       | Price EUR |
|----------|-------------------|-----------|
| 320 087  | Adapter for cones | 4.80      |



Adapter connects traffic cone with flash lights

## Cone holder

In the zinc-plated lockable holder you can store up to 5 traffic cones. It can either be installed on the vehicle floor or it can be mounted on the vehicle chassis with the hot-dip galvanised support.



320 405



320 445

| Code no. | Description                       | Price EUR |
|----------|-----------------------------------|-----------|
| 320 405  | Holder for traffic cones (500 mm) | 76.00     |
| 320 425  | Holder for traffic cones (750 mm) | 87.00     |
| 320 445  | Chassis cone support              | 31.00     |



## Pro collapsible traffic cones

Collapsible, space-saving (only 50 mm high), but nevertheless extremely robust. Very stable and low centre of gravity thanks to a hard rubber base. Fits in nearly all tool boxes. Reflective stripes visible from a long distance, integrated LED illumination switchable between flash light and permanent light - maximum safety by night. Splash-proof, more than 300 hours battery life. Battery included.



Compliant with DIN EN 13422 (European standard for transportable traffic signs, valid since August 2009)



NEW



space-saving

320 415



320 375



320 365



incl. protective bag



| Code no. | Description                   | Height | Weight | Price EUR | from 10 pc. EUR | from 20 pc. EUR |
|----------|-------------------------------|--------|--------|-----------|-----------------|-----------------|
| 320 365  | Pro collapsible traffic cones | 500 mm | 1.8 kg | 24.90     | 22.90           | 21.90           |
| 320 375  | Pro collapsible traffic cones | 750 mm | 3.2 kg | 33.50     | 30.90           | 29.90           |
| 320 415  | Pro collapsible traffic cones | 900 mm | 4,3 kg | 39.90     | 37.90           | 36.90           |



320 395

## Transport box for 5 collapsible traffic cones

| Code no. | Description  | Price EUR |
|----------|--|-----------|
| 320 385  | Transport box for 5 collapsible traffic cones (500 mm) | 25.90     |
| 320 395  | Transport box for 5 collapsible traffic cones (750 mm) | 29.90     |

## Plug-on beacons

Suitable for all collapsible traffic cones, with 2 LED lights, requires 2 x AA-batteries, sufficient for minimum 300 hours operation.



| Code no. | Description             | Colour | Price EUR |
|----------|-------------------------|--------|-----------|
| 320 465  | Plug-on beacon          | Amber  | 3.80      |
| 320 485  | Plug-on beacon          | Blue   | 3.80      |
| 320 039  | Round Battery, 1.5 volt |        | 0.50      |



310 316

### Safety light

Combination of warning flashlight and work light with GGVS certificate. 40 working hours with warning flashlight, 25 working hours with work light. Flashlight halogen bulb 6 volt/2.4 watt, work light bulb 6 volt/2.4 watt. Dimensions: H 240 mm, W 75 mm. Delivery without batteries (5 necessary).

| Code no. | Description            | Dimensions      | Price EUR |
|----------|------------------------|-----------------|-----------|
| 310 316  | Safety light PL 30     | H 240 x W 75 mm | 16.90     |
| 320 037  | Mono battery, 1.5 volt |                 | 1.00      |

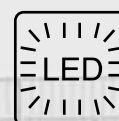


310 325

### LED safety light

Combination of warning flashlight and work light with power LED and GGVS certificate. Intelligent switching for a constant use of the whole battery capacity. (6 days non-stop operation possible.) Delivery without batteries (2 necessary).

| Code no. | Description            | Dimensions      | Price EUR |
|----------|------------------------|-----------------|-----------|
| 310 325  | LED safety light       | H 178 x W 72 mm | 22.00     |
| 320 037  | Mono battery, 1.5 volt |                 | 1.00      |



320 757

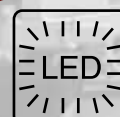
### Double warning light systems

For vehicles and units to secure working areas in flowing traffic. Diameter 200 mm, 5 m connecting cable with pole clamp. Length of cable between the lights approx. 3.5 m. Amber lens. With pipe clamps for up to 60 mm Ø.

NEW



320 687



| Code no. | Description                      | Version          | Flash frequency | Voltage | Price/pair EUR |
|----------|----------------------------------|------------------|-----------------|---------|----------------|
| 320 757  | Warning light system RS 2000     | Electronic flash | 60 Fl./min      | 12/24 V | 269.00         |
| 320 687  | Warning light system RS 2000 LED | LED              | 60 Fl./min      | 12/24 V | 349.00         |

### Double warning light systems

For vehicles and units to secure working areas in flowing traffic. With automatic day and night adjustment. Diameter 340 mm, 5 m connecting cable with pole clamp. Length of cable between the lights approx. 3.5 m. Amber light.



| Code no. | Description                 | Version          | Flash frequency | Voltage | Price/pair EUR |
|----------|-----------------------------|------------------|-----------------|---------|----------------|
| 320 727  | Warning light system MS 340 | Electronic flash | 60 Fl./min      | 12/24 V | 499.00         |
| 320 747  | Warning light system MS 340 | Halogen          | 40 Fl./min      | 12/24 V | 449.00         |



## Optima flash (without batteries)

The high warning effect of the bright electron flash guarantees ideal protection of the danger area.

Can be connected to collapsible warning triangle. Batteries not included.



320 507, requires  
2 batteries

## Euro flash (without batteries)

Compared with Optima flash it has a double flashing intensity. Considerably more stable thanks to fold-out feet and heavier weight. Can be put on collapsible warning triangles (p.160). Batteries not included.



Adapter connects  
traffic cone with  
flash lights



Battery



High performance  
battery



320 557, requires 4  
batteries

| Code no. | Description                        | Battery    | Working time | Price EUR |
|----------|------------------------------------|------------|--------------|-----------|
| 320 507  | Optima flash (without batteries)   | 2 x 6 volt | 70/200 h     | 69.00     |
| 320 557  | Euro flash (without batteries)     | 4 x 6 volt | 70/200 h     | 149.00    |
| 320 087  | Adapter for cones                  |            |              | 4.80      |
| 320 007  | Battery 6 V (strengthened model)   |            |              | 2.80      |
| 320 017  | High performance battery 6 V 28 Ah |            |              | 6.70      |

## Euro flash set

Safe storage and transportation of 3 Euro flash lamps in the practical carry-box.

For quick securing of accident scenes or similar. Batteries not included.

### EURO-FLASH SET

| Code no. | Description                        | Flash life    | Price EUR |
|----------|------------------------------------|---------------|-----------|
| 320 777  | Euro flash set                     |               | 429.00    |
| 320 007  | Battery 6 V (strengthened model)   | approx. 40 h  | 2.80      |
| 320 017  | High performance battery 6 V 28 Ah | approx. 110 h | 6.70      |



Free carry box when  
you buy a set

## Euro synchronous guiding lights

These systems contain 3 or 5 lights but can be upgraded with as many lights as you want. After being switched on the lights synchronise themselves. Flashing frequency 60 flashes/minute.

Dimensions: W 500/880 x D 178 x H 190 mm.



320 847

### Scope of Delivery:

Standard version without batteries, rechargeable version incl. 12 volt charging cable and maintenance-free rechargeable batteries without memory effect.



320 867

| Code no. | Description                            | Battery      | Working time | Weight | Price EUR |
|----------|--|--------------|--------------|--------|-----------|
| 320 807  | Triple synchronous guiding lights      | 12 x 6 volt  | 70/200 h     | 8 kg   | 599.00    |
| 320 827  | Set of five synchronous guiding lights | 20 x 6 volt  | 70/200 h     | 13 kg  | 945.00    |
| 320 847  | Triple synchronous guiding lights      | Rechargeable | 7 h          | 12 kg  | 999.00    |
| 320 867  | Set of five synchronous guiding lights | Rechargeable | 7 h          | 19 kg  | 1,599.00  |

| Code no. | Description                              | Flash life    | Price EUR |
|----------|--|---------------|-----------|
| 320 007  | Battery 6 V (strengthened model)         | approx. 40 h  | 2.80      |
| 320 017  | High performance battery 6 V 28 Ah       | approx. 110 h | 6.70      |
| 320 087  | Adapter for cones                        |               | 4.80      |
| 320 887  | 230 volt charger for rechargeable system |               | 38.00     |



## Illuminated fold-up banner

Additional safety whilst working, especially by night or poor visibility. Four reflective yellow directional arrows each with 9 integrated LED's, switchable to continuous, flash, or running light. Maximise the possibility of attracting the attention of approaching traffic. Battery life up to 50 hours (flash mode), 4 AA batteries included. Quick and simple to attach via 8 strong magnets or 8 awning eyelets. Delivered folded in a cloth carry-case.



| Code no. | Description                | Dimensions   | Price EUR |
|----------|----------------------------|--------------|-----------|
| 358 095  | Illuminated fold-up banner | 820 x 440 mm | 39.90     |



## LED strobe lights

- ultrabright 360° LED light (visible for miles at night)
- watertight and extremely sturdy
- ten flash sequences (also SOS) or continuous light
- lithium battery CR 123A (100 operating hours) included
- magnet for fixing to metal (i.e. vehicle roof)
- very compact, easy to stow
- use as emergency light after breakdowns or accidents



| Code no. | flash colour | Height | Ø      | Price EUR |
|----------|--------------|--------|--------|-----------|
| 358 905  | Red          | 35 mm  | 120 mm | 22.90     |
| 358 925  | blue         | 35 mm  | 120 mm | 22.90     |
| 358 945  | amber        | 35 mm  | 120 mm | 19.90     |



## LED safety light TurboFlare

- make dangerous areas safer in seconds
- maximum visibility in the dark (up to 3 km)
- warning light 360° rotational
- red or amber available
- high power LEDs
- stable, weatherproof housing
- can be run over (passenger car)
- 60 hour operation with 4 mignon (AA) batteries
- excellent value for money

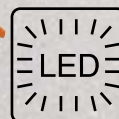


**PRO TIP**  
8 TurboFlares  
with box

358 185 + 358 205  
incl. weather-proof box



**Set price:**  
buy 5, get  
one free



| Code no. | Description              | Quantity | Colour | Price EUR |
|----------|--------------------------|----------|--------|-----------|
| 358 115  | LED TurboFlare           | 1 piece  | red    | 39.90     |
| 358 165  | LED TurboFlare, set      | 6 pieces | red    | 199.00    |
| 358 185  | LED TurboFlare, with box | 8 pieces | red    | 269.00    |
| 358 205  | LED TurboFlare, with box | 8 pieces | Yellow | 269.00    |

| Code no. | Description             | Quantity | Price EUR |
|----------|-------------------------|----------|-----------|
| 320 039  | Round Battery, 1.5 volt | 1 piece  | 0.50      |



## ProLux scene securing kits

Tried and tested scene securing sets with space-saving foldable cones. Available in 2 versions. Save money with our complete set!

**COMPLIANT WITH  
DIN EN 13422**



| Code no. | Description                                     | Price EUR |
|----------|---|-----------|
| 322 206  | Scene securing set up to 3.5 t operating weight | 589.00    |
| 322 306  | Scene securing set over 3.5 t operating weight  | 1,059.00  |

## Scene securing set according to BGI 800 up to 3.5 t

With this scene securing kit all towing and breakdown vehicles up to 3.5 t are adequately equipped according to BGI-800 requirements (except panel vans). Save money by buying a complete set!

**Price advantage 66.70 Euros!!!**



incl. batteries

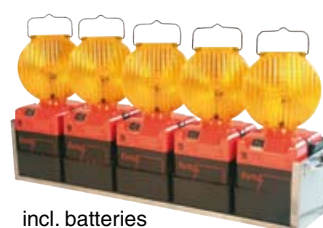


| Code no. | Description        | Price EUR |
|----------|--------------------|-----------|
| 322 006  | Scene securing set | 569.00    |

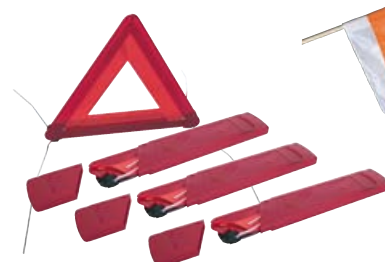
## Scene securing kit according to BGI 800 above 3.5 t.

With this scene securing kit all towing and breakdown vehicles over 3.5 t and all panel vans are adequately equipped according to BGI-800. Save money by buying a complete set!

**Price advantage 132.30 Euros!!!**



incl. batteries



| Code no. | Description        | Price EUR |
|----------|--------------------|-----------|
| 322 106  | Scene securing kit | 999.00    |



## Traffic signal sticks

The traffic signal stick is made of impact-proof plastics. Lit both sides (red/green). Batteries are not included in delivery.

| Code no. | Description                    | Dimensions       | Price EUR |
|----------|--------------------------------|------------------|-----------|
| 321 507  | Traffic signal stick red/green | L 470 x Ø 220 mm | 89.00     |
| 321 607  | Traffic signal stick red/red   | L 470 x Ø 220 mm | 89.00     |
| 321 609  | Individual lettering           |                  | 15.00     |



321 607

321 507

standard delivery without lettering

## Warning triangle Euro

High warning effect by day and by night. Stable design. Very compact and so particularly suitable for your breakdown van.



| Code no. | Description           | Edge length | Price EUR | from 10 pc. EUR |
|----------|-----------------------|-------------|-----------|-----------------|
| 320 357  | Warning triangle Euro | 45 cm       | 5.90      | 4.90            |



## Electric heavy tone horns

Set of heavy tone horns with 500/375 Hz frequency and 118 dB(A) loudness.

| Code no.  | Description                  | Voltage | Price EUR |
|-----------|------------------------------|---------|-----------|
| 205 607   | Electric heavy tone horn kit | 12 V    | 69.00     |
| 205 707   | Electric heavy tone horn kit | 24 V    | 95.00     |
| 830 901HO | Electric rocker switch       | 12 V    | 14.50     |
| 830 891HO | Electric rocker switch       | 24 V    | 14.50     |



## Melody controllers

Activates heavy tone horns as special signal (emergency doctor, police, fire brigade).

| Code no. | Description                            | Voltage | Price EUR |
|----------|--|---------|-----------|
| 205 455  | Melody controller for heavy tone horns | 12 V    | 149.00    |
| 205 555  | Melody controller for heavy tone horns | 24 V    | 149.00    |



## Alarm switch

With control light, text ALARM and symbol for beacon. With blade terminal connection, integrated bulb and 4 switch settings.

| Code no. | Description            | Voltage | Price EUR |
|----------|------------------------|---------|-----------|
| 351 048  | Alarm pull/turn switch | 12 V    | 37.00     |
| 351 058  | Alarm pull/turn switch | 24 V    | 37.00     |

NEW



## Control mirrors

Use these mirrors to enable one person to check vehicle lighting functions. The convex shape allows a perfect view of the vehicle lights from the drivers' seat. Also useful when tight parking is necessary, or to make blind spots in the garage or office areas visible. A versatile mirror with so many practical uses!

| Code no. | Description     | Ø      | Price EUR |
|----------|-----------------|--------|-----------|
| 240 801  | Control mirrors | 300 mm | 69.00     |
| 240 821  | Control mirrors | 400 mm | 79.00     |



Mounting kit  
with flexible  
gooseneck





# Vehicles for escorting abnormal loads or abnormal vehicles.

Protection according to RGST (Guidelines for heavy and voluminous vehicles).

# BF3

Escort vehicles of the third generation (BF3)

**Whether self-assembly kit or complete installation from us – we are your partner until your vehicle is registered.**

**Assembly Kit from 8.499.- EUR**

**ProLux**  
Systemtechnik GmbH & Co. KG

**Talk to us!**

**Your ProLux Team: 0049 7304 9695-100**

**or International FREEphone 00800 9955 9955**

## TEXT KÜRZEN!!! SIEHE DEUTSCHES KAPITEL!!!

### Hi-vis warning tape for heavy-load escort-vehicles

Hi-vis warning tape for the rear of escort vehicles. Approved to DIN 30710, EN 1789 and the BASt (German Highways Research Institute).

Advantages of the honeycomb foil:

- easy to apply whether dry or wet
- big time savings, no edge sealing necessary
- single-layer prisma foil, no dust or moisture ingress
- easy to cut to shape



| Code no. | Description  | Version   | Width  | Length | Price/set EUR |
|----------|--|-----------|--------|--------|---------------|
| 328 045  | Hi-vis warning tape for heavy-load escort-vehicles | red/white | 180 mm | 7/7 m  | 399.00        |



### Rear panel for heavy load escort vehicles

Rear panel (pair) for heavy load escort vehicles. Stable and light corrosion-free aluminium dibond panel. White with 1.5m aluminium profile tracks for supporting heavy load panel. Don't forget to order the reflective marking tape too (code no. 320 845)!

| Code no. | Description   | Vehicle type            | Model     | Price/set EUR |
|----------|---|-------------------------|-----------|---------------|
| 328 117  | Rear panel (pair) for heavy load escort vehicles, 1.5m aluminium profile tracks | MB Sprinter, VW Crafter | from 2006 | 693.00        |

## Safety through strobe warning lights

Newest functional technology = be seen and be safe!

Xenon strobe lights:

double-flash with xenon gas discharge tubes and reflectors. Minimum 120 double-flashes per minute, wide light deflection via reflector. Control unit is always external.

LED strobes:

double-flash via very long life LEDs. 80-120 double-flashes/min., medium light deflection. Control unit always internal, various flash sequences in some cases, low power consumption.

Technical information:

\*\*\* = good \*\*\*\* = very good \*\*\*\*\* = excellent

| Strobe model                | Catalogue | Type  | Light intensity | Deflection | Flash sequence set | Synchronisation | Power consumption/pair 12/24 V |
|-----------------------------|-----------|-------|-----------------|------------|--------------------|-----------------|--------------------------------|
| Hella BSX                   | p.168     | Xenon | *****           | *****      | ✗                  | ✓               | 3,8/1,8 A                      |
| Hella front strobes         | P. 169    | LED   | *****           | *****      | ✓                  | ✓               | 0,8/0,4 A                      |
| Delta warning system        | P. 169    | LED   | *****           | *****      | ✓                  | ✓               | 0,4/0,2 A                      |
| Sputnik nano, nano portable | p.170     | LED   | *****           | *****      | ✓                  | ✓               | 1.6/0.8 A                      |
| Pico 40, Sputnik            | p.170     | Xenon | *****           | *****      | ✗                  | ✓               | 3,4/1,7 A                      |
| Pico 40                     | p.171     | LED   | *****           | ***        | ✗                  | ✓               | 1.6/0.8 A                      |
| Pico 43                     | p.171     | LED   | *****           | ***        | ✗                  | ✓               | 1.0/0.5 A                      |
| Powerflash                  | p.172     | Xenon | *****           | *****      | ✓                  | ✗               | 3.6/1.8 A                      |
| Hella                       | p.173     | LED   | *****           | ***        | ✓                  | ✓               | 0.8/0.4 A                      |
| Dura                        | p.173     | LED   | *****           | ***        | ✓                  | ✓               | 1.2/0.6 A                      |
| Triple-flash                | p.173     | LED   | *****           | ***        | ✓                  | ✓               | 0.9/0.45 A                     |
| 3730                        | p.174     | LED   | *****           | ***        | ✓                  | ✓               | 1,2/0,6 A                      |
| 3800                        | p.174     | LED   | *****           | ***        | ✗                  | ✗               | 1.0/0.5 A                      |
| 3700                        | p.174     | LED   | *****           | *****      | ✓                  | ✓               | 1,4/0,7 A                      |
| Mini flash                  | p.175     | LED   | *****           | ***        | ✗                  | ✗               | 1.2/0.8 A                      |
| Flash module SD 24          | p.175     | LED   | *****           | ***        | ✓                  | ✓               | 0,75 A                         |

### Hella double flash warning lights

Equipped with xenon flash tubes, special free-form optics and electronic starter, a very high warning effect is achieved.

Dimensions of light section: W 120 mm x H 87 mm x D 65 mm. Simple mounting with manual, reverse voltage protection and undervoltage cut-off.



| Code no. | Description                 | Colour | Voltage | Price/pair EUR |
|----------|-----------------------------|--------|---------|----------------|
| 360 817  | Double flash warning system | Amber  | 12 V    | 318.00         |
| 360 827  | Double flash warning system | Amber  | 24 V    | 318.00         |
| 360 837  | Double flash warning system | Blue   | 12 V    | 318.00         |
| 360 847  | Double flash warning system | Blue   | 24 V    | 318.00         |



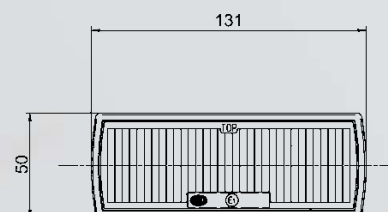
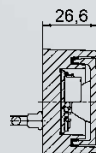
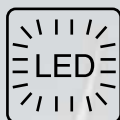




NEW

## LED front strobes

Front strobes with 4 high performance LEDs ensure that you are noticed. The high quality housing combined with the lens guarantee a watertight module for the highest of demands. 10 flash sequences, synchronous or alternating can be coded.

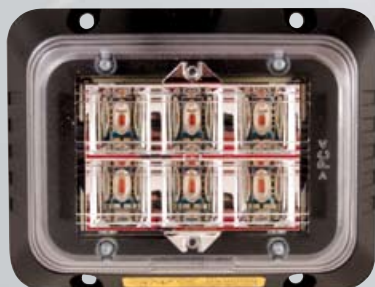


| Code no. | Description       | Colour | Voltage  | Price/pair EUR |
|----------|-------------------|--------|----------|----------------|
| 360 957  | LED front strobes | amber  | 9 - 32 V | 305.00         |

## LED strobe lights "Delta"

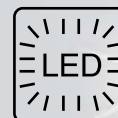
Strobe quad flash warning lights with 3rd generation power-LEDs in a sturdy aluminium housing. Fantastic warning effect despite low power consumption. Can be operated synchronously or alternating when connected with each other.

NEW



## Delta recessed mount

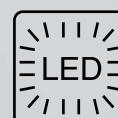
| Code no. | Description        | Colour | Dimensions        | Voltage   | Price EUR |
|----------|--------------------|--------|-------------------|-----------|-----------|
| 358 035  | LED warning system | Amber  | 143 x 110 x 46 mm | 10 - 30 V | 109.00    |
| 358 045  | LED warning system | Blue   | 143 x 110 x 46 mm | 10 - 30 V | 109.00    |



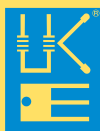
NEW

## Delta surface mount

| Code no. | Description        | Colour | Dimensions       | Voltage   | Price EUR |
|----------|--------------------|--------|------------------|-----------|-----------|
| 358 065  | LED warning system | Amber  | 125 x 97 x 62 mm | 10 - 30 V | 109.00    |
| 358 075  | LED warning system | Blue   | 125 x 97 x 62 mm | 10 - 30 V | 109.00    |







FG Hänsch  
Warnsysteme

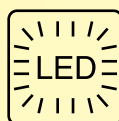


Intense light  
durable  
service friendly  
multi-voltage 9-32 volt

**PREMIUM  
CLASS  
FOR PROS**

## LED flash module Sputnik nano

Warning system Sputnik nano with 4 high performance power LEDs in a robust aluminium die-cast housing. Excellent warning effect. Approved as a warning lamp according to ECE-R 65: Light XB1 E1 00 2409 (blue). Permitted as additional warning lamp according to § 53a cls.3 StVZO: ~K 566 (amber), EMV: e1 03 4972. Dimensions of light: W 128 x H 43 x D 25 mm



4 high  
performance  
power LEDs

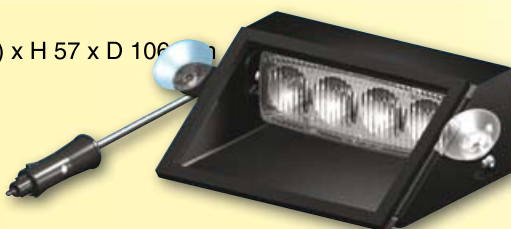
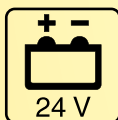
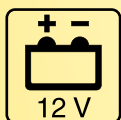
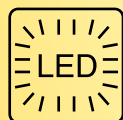
| Code no. | Description                   | Colour | Voltage  | Price/pair EUR |
|----------|-------------------------------|--------|----------|----------------|
| 359 227  | LED flash module Sputnik nano | Amber  | 9 - 32 V | 369.00         |
| 359 247  | LED flash module Sputnik nano | Blue   | 9 - 32 V | 369.00         |

## Portable LED flash module Sputnik nano

Portable warning system Sputnik nano with 4 high performance power LEDs in small housing, for fixing directly on or behind the windscreen using suction pads. Easy to use, compact, and with excellent warning attributes. EMV e1 03 4972

### Technical data:

Dimensions of warn system: W 133 (191) x H 57 x D 106 mm



| Code no. | Description                            | Colour | Voltage  | Price EUR |
|----------|--|--------|----------|-----------|
| 359 267  | Portable LED flash module Sputnik nano | Amber  | 9 - 32 V | 289.00    |
| 359 287  | Portable LED flash module Sputnik nano | Blue   | 9 - 32 V | 289.00    |

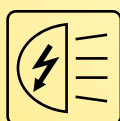
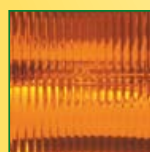
## Double flash warning lights

Increased security for all road users!

Double flash technology with over 120 double flashes per minute and excellent light dispersion thanks to integrated reflectors. The sets are completely wired and simple to install.

Amber, additional warning lights according to §53a clause 3 StVZO.

Blue, additional warning lights according to §52 clause 3 StVZO.



amber

blue



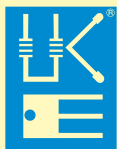
### 40 pico

Suitable for flush and surface mounting, authorisation ~K 362.

Dimensions of lamp: W 169.5 x H 85 x D 61 mm

| Code no. | Description                 | Colour | Voltage | Price/pair EUR |
|----------|-----------------------------|--------|---------|----------------|
| 360 877  | Double flash warning lights | Amber  | 12 V    | 296.00         |
| 360 897  | Double flash warning lights | Amber  | 24 V    | 296.00         |
| 358 377  | Double flash warning lights | Blue   | 12 V    | 296.00         |
| 358 397  | Double flash warning lights | Blue   | 24 V    | 296.00         |





FG Hänsch  
Warnsysteme



## Double-flash warning systems with LED technology, type 40 pico

The warning system type 40 pico LED consists of 2 identical illuminants with integrated electronics, each with 8 power LEDs of the latest generation and special lens for an optimal light dispersion. Also available with mounting frame.

License as emergency lamp according to ECE-R65: Light XB1 00 2150 – (blue).  
EMV: e1 02 4465.

Dimensions of lamp: W 169.5 x H 85 x D 61 mm

| Code no. | Description                     | Version                | Type    | Colour | Voltage  | Price/pair EUR |
|----------|---------------------------------|------------------------|---------|--------|----------|----------------|
| 359 437  | Double-flash warning system LED | without mounting frame | 40 pico | Amber  | 9 - 32 V | 359.00         |
| 359 457  | Double-flash warning system LED | incl. mounting frame   | 40 pico | Amber  | 9 - 32 V | 369.00         |
| 359 477  | Double-flash warning system LED | without mounting frame | 40 pico | Blue   | 9 - 32 V | 359.00         |
| 359 497  | Double-flash warning system LED | incl. mounting frame   | 40 pico | Blue   | 9 - 32 V | 369.00         |

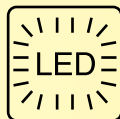
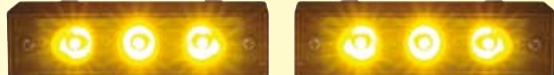
## Double-flash warning systems with LED technology, type 43

Excellent warning effect thanks to 3 high power LEDs. No separate control unit necessary as the electronics are completely integrated in the housing.

Off



On



### 43 LED

For surface mount installation.

Licence: Light ~K 297 (blue);

EMC: e1 03 2286.

Dimensions of lamp: W 124 x H 33 x D 36 mm



| Code no. | Description                     | Type   | Colour | Voltage | Price/pair EUR |
|----------|---------------------------------|--------|--------|---------|----------------|
| 359 527  | Double-flash warning system LED | 43 LED | Amber  | 12 V    | 309.00         |
| 359 537  | Double-flash warning system LED | 43 LED | Amber  | 24 V    | 309.00         |
| 359 327  | Double-flash warning system LED | 43 LED | Blue   | 12 V    | 309.00         |
| 359 337  | Double-flash warning system LED | 43 LED | Blue   | 24 V    | 309.00         |

### 43 LED

For flush mount installation with frame

Licence: Light: ~K 297 (blue);

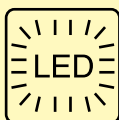
EMC: e1 03 2286.

Dimensions of lamp: W 124 x H 33 x D 33 mm

Off



On



| Code no. | Description                                | Type   | Colour | Voltage | Price/pair EUR |
|----------|--|--------|--------|---------|----------------|
| 359 507  | Double-flash warning system LED with frame | 43 LED | Amber  | 12 V    | 309.00         |
| 359 517  | Double-flash warning system LED with frame | 43 LED | Amber  | 24 V    | 309.00         |
| 359 307  | Double-flash warning system LED with frame | 43 LED | Blue   | 12 V    | 309.00         |
| 359 317  | Double-flash warning system LED with frame | 43 LED | Blue   | 24 V    | 309.00         |

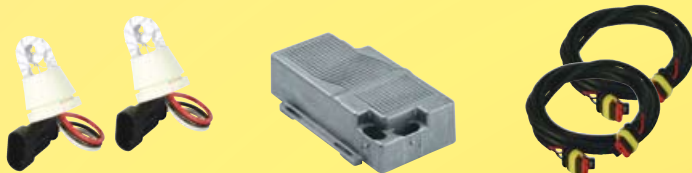


## Xenon Powerflash installation sets

To install into existent headlights or with housing to flush or surface mount. The high performance switching electronics are completely encapsulated and provide in combination with the xenon unit an extremely bright double or quadruple flash (controllable) with very high warning effect. The xenon units of the installation sets are available in clear, amber and blue. When placing an order, please note the desired flash colour behind the code. no., e.g. 780 305 clear. Operating voltage: 10 - 30 volt.



formula one  
safety car  
technology



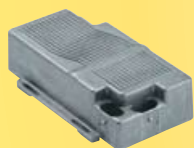
| Code no. | Description                           | Flashlights | Colour | Cable | Price EUR |
|----------|---------------------------------------|-------------|--------|-------|-----------|
| 781 005  | Powerflash headlight installation set | 2           | Amber  | 2 m   | 249.00    |
| 781 035  | Powerflash headlight installation set | 2           | Clear  | 2 m   | 249.00    |
| 781 055  | Powerflash headlight installation set | 2           | Blue   | 2 m   | 249.00    |
| 781 105  | Powerflash headlight installation set | 2           | Amber  | 4 m   | 259.00    |
| 781 135  | Powerflash headlight installation set | 2           | Clear  | 4 m   | 259.00    |
| 781 155  | Powerflash headlight installation set | 2           | Blue   | 4 m   | 259.00    |



| Code no. | Description                           | Flashlights | Colour | Cable | Price EUR |
|----------|---------------------------------------|-------------|--------|-------|-----------|
| 781 205  | Powerflash headlight installation set | 4           | Amber  | 2 m   | 529.00    |
| 781 235  | Powerflash headlight installation set | 4           | Clear  | 2 m   | 529.00    |
| 781 255  | Powerflash headlight installation set | 4           | Blue   | 2 m   | 529.00    |
| 781 305  | Powerflash headlight installation set | 4           | Amber  | 4 m   | 539.00    |
| 781 335  | Powerflash headlight installation set | 4           | Clear  | 4 m   | 539.00    |
| 781 355  | Powerflash headlight installation set | 4           | Blue   | 4 m   | 539.00    |



flush mount model



surface mount model

| Code no. | Description         | Version       | Flashlights | Colour | Cable | Price EUR |
|----------|---------------------|---------------|-------------|--------|-------|-----------|
| 780 405  | Powerflash complete | surface mount | 2           | Amber  | 4 m   | 259.00    |
| 780 425  | Powerflash complete | flush mount   | 2           | Amber  | 4 m   | 259.00    |



flush mount model



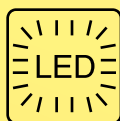
surface mount model

| Code no. | Description         | Version       | Flashlights | Colour | Cable | Price EUR |
|----------|---------------------|---------------|-------------|--------|-------|-----------|
| 780 445  | Powerflash complete | surface mount | 4           | Amber  | 4 m   | 539.00    |
| 780 465  | Powerflash complete | flush mount   | 4           | Amber  | 4 m   | 539.00    |



## Hella LED warning systems

This LED warning system is characterised by its extremely low power consumption, the compact design (control unit integrated in housing) as well as its high warning effect. Eight different flash sequences can be coded both synchronous and alternating. The warning system has 12 high power LEDs.

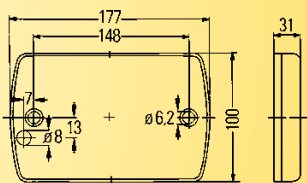
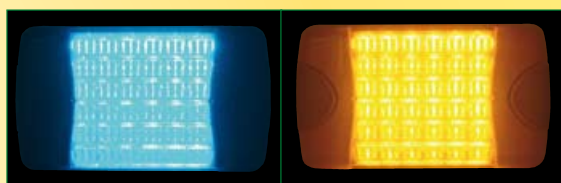
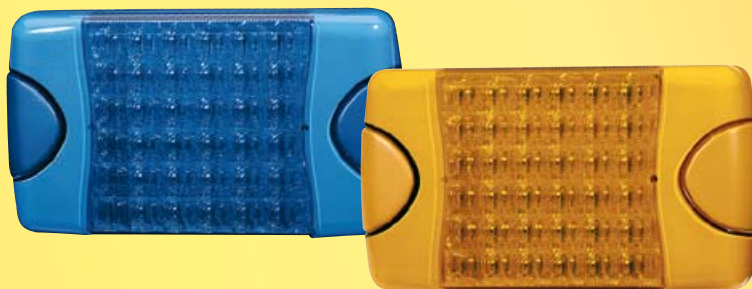


| Code no. | Description        | Colour | Dimensions             | Voltage | Price EUR |
|----------|--------------------|--------|------------------------|---------|-----------|
| 360 797  | LED warning system | Amber  | W 119 x H 33 x D 22 mm | 12 V    | 107.50    |
| 360 787  | LED warning system | Amber  | W 119 x H 33 x D 22 mm | 24 V    | 107.50    |
| 360 727  | LED warning system | Blue   | W 119 x H 33 x D 22 mm | 12 V    | 107.50    |
| 360 737  | LED warning system | Blue   | W 119 x H 33 x D 22 mm | 24 V    | 107.50    |
| 360 777  | LED warning system | Red    | W 119 x H 33 x D 22 mm | 12 V    | 107.50    |
| 360 767  | LED warning system | Red    | W 119 x H 33 x D 22 mm | 24 V    | 107.50    |

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 360 717  | Aluminium mounting frame (black) | 15.90     |
| 360 757  | Bracket kit for 1 piece          | 4.30      |

## DuraLED warning systems

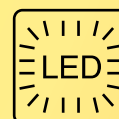
This warning system is characterised by its multi-voltage function (9-33 volt), its 36 high power LEDs and its low power consumption. Several flash sequences from single to quadruple flash can be coded both synchronous and alternating. The sealed system (dust and waterproof) is suitable for the horizontal external installation on a vehicle.



| Code no. | Description             | Colour | Voltage  | Price EUR |
|----------|-------------------------|--------|----------|-----------|
| 360 657  | DuraLED warning systems | Amber  | 9 - 33 V | 117.00    |
| 360 667  | DuraLED warning systems | Blue   | 9 - 33 V | 139.00    |

## Triple-flash LED warning light

Extremely low power consumption with excellent warning effect. Suitable for flush and surface installation. Integrated flash electronic, high power LEDs, 100,000 operating hours. Compact design W 72 x H 72 mm.



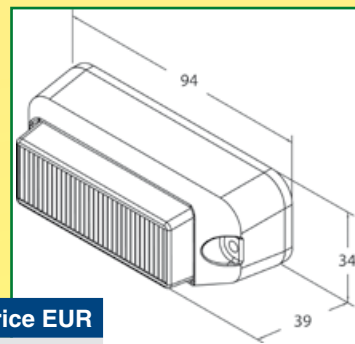
| Code no. | Description                    | Colour | Voltage | Price EUR |
|----------|--------------------------------|--------|---------|-----------|
| 358 005  | Triple-flash LED warning light | Amber  | 12/24 V | 95.00     |

## LED flash module series

### 3730

High performance screw mount flash module, with integrated sealed waterproof electronics and connection cable.

Extremely sturdy aluminium housing, 3 power-LEDs per module, 25 programma-



| Code no.  | Description  | Colour | Voltage   | Price EUR |
|-----------|--|--------|-----------|-----------|
| 100 460/5 | LED flash module series 3730                             | Amber  | 12 - 24 V | 95.00     |
| 100 461/5 | LED flash module series 3730                             | Blue   | 12 - 24 V | 95.00     |
| 100 462/5 | LED flash module series 3730                             | White  | 12 - 24 V | 95.00     |
| 100 463/5 | LED flash module series 3730                             | Red    | 12 - 24 V | 95.00     |
| 100 470/5 | Universal mounting bracket for 3730 series flash modules |        |           | 5.90      |
| 100 472/5 | Angular mounting bracket for 3730 series flash modules   |        |           | 5.90      |



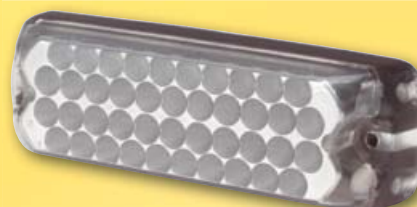
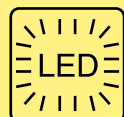
100 470/5



100 472/5

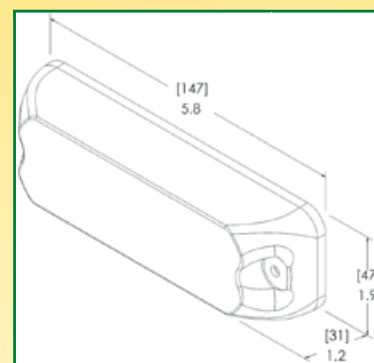
## LED flash module 3800 series

Unbelievably well-priced bright flash modules with Quattro-flash and simple screw-on mechanism. With integrated, waterproof sealed electronics, incl. connecting cable. Robust housing made of polycarbonate, 42 LEDs per module, quadruple flash.



**PRICE  
SENSATION**

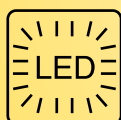
| Code no.  | Description                  | Colour | Voltage | Price EUR |
|-----------|------------------------------|--------|---------|-----------|
| 100 369/5 | LED flash module 3800 series | Amber  | 12 V    | 69.00     |
| 100 372/5 | LED flash module 3800 series | Amber  | 24 V    | 69.00     |
| 100 378/5 | LED flash module 3800 series | White  | 12 V    | 129.00    |
| 100 379/5 | LED flash module 3800 series | White  | 24 V    | 129.00    |
| 100 371/5 | LED flash module 3800 series | Red    | 12 V    | 129.00    |
| 100 374/5 | LED flash module 3800 series | Red    | 24 V    | 129.00    |
| 100 370/5 | LED flash module 3800 series | Blue   | 12 V    | 129.00    |
| 100 373/5 | LED flash module 3800 series | Blue   | 24 V    | 129.00    |



## LED flash modules 3700 series

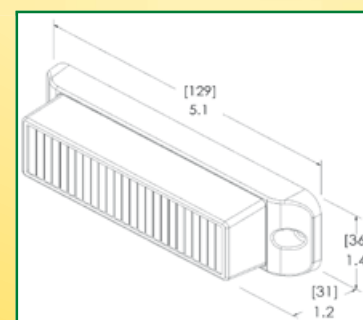
Bright powerful flash modules with simple screw-on mechanism, with integrated, waterproof sealed electronics, incl. connecting cable.

Extremely stable aluminium housing, 4 high power LEDs per module, three programmable flash sequences. Synchronising possible.



**PROFESSIONAL  
QUALITY**

| Code no.  | Description                  | Colour | Voltage | Price EUR |
|-----------|------------------------------|--------|---------|-----------|
| 100 363/5 | LED flash module 3700 series | Amber  | 12 V    | 149.00    |
| 100 366/5 | LED flash module 3700 series | Amber  | 24 V    | 149.00    |
| 100 380/5 | LED flash module 3700 series | White  | 12 V    | 149.00    |
| 100 381/5 | LED flash module 3700 series | White  | 24 V    | 149.00    |
| 100 365/5 | LED flash module 3700 series | Red    | 12 V    | 149.00    |
| 100 368/5 | LED flash module 3700 series | Red    | 24 V    | 149.00    |
| 100 364/5 | LED flash module 3700 series | Blue   | 12 V    | 149.00    |
| 100 367/5 | LED flash module 3700 series | Blue   | 24 V    | 149.00    |





## LED mini flash modules

LED mini flash module in three different constructions. Unbelievably compact, with 3 or 6 high power LED's and waterproof electronics.

- only 10mm high
- simply mounted with 3M high strength adhesive tape



**EXTREMELY SMALL,  
EXTREMELY BRIGHT!**



28,8 mm



62,5 mm

| Code no.   | Description           | Type    | Colour | Dimensions     | Voltage | Price EUR |
|------------|-----------------------|---------|--------|----------------|---------|-----------|
| 100 560/N5 | LED mini flash module | Ellipse | Amber  | 28.8 x 62.5 mm | 12/24 V | 69.00     |
| 100 562/N5 | LED mini flash module | Ellipse | Blue   | 28.8 x 62.5 mm | 12/24 V | 75.00     |

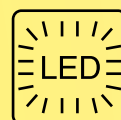


41 mm

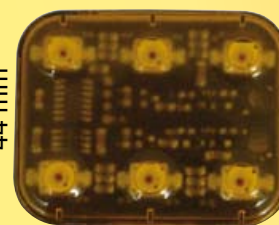


44 mm

| Code no.   | Description           | Type  | Colour | Dimensions | Voltage | Price EUR |
|------------|-----------------------|-------|--------|------------|---------|-----------|
| 100 564/N5 | LED mini flash module | Prism | Amber  | 41 x 44 mm | 12/24 V | 69.00     |
| 100 566/N5 | LED mini flash module | Prism | Blue   | 41 x 44 mm | 12/24 V | 75.00     |



44 mm



55 mm

| Code no.   | Description           | Type      | Colour | Dimensions | Voltage | Price EUR |
|------------|-----------------------|-----------|--------|------------|---------|-----------|
| 100 568/N5 | LED mini flash module | Rectangle | Amber  | 44 x 55 mm | 12/24 V | 99.00     |
| 100 570/N5 | LED mini flash module | Rectangle | Blue   | 44 x 55 mm | 12/24 V | 109.00    |

## LED flash module SD 24

Superthin LED flash modules with 24 high performance LEDs. Eight flash sequences, synchronous or alternating can be programmed. Sealed and watertight electronics, connection cable included.



**NEW**



| Code no. | Description            | Colour | Dimensions            | Voltage | Price EUR |
|----------|------------------------|--------|-----------------------|---------|-----------|
| 358 015  | LED flash module SD 24 | amber  | L 84 x W 28 x D 10 mm | 12 V    | 89.00     |
| 358 025  | LED flash module SD 24 | blue   | L 84 x H 28 x D 10 mm | 12 V    | 129.00    |

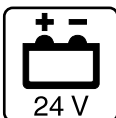
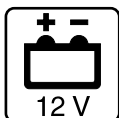




## Mobile double flash warning device

Two xenon double flash lights fitted in a plastic housing for mobile use in various vehicles. Mounting bracket for permanent installation on car dashboard, or suction cup bracket for windscreen. Quick and easy to install, helix cable with integrated switch and connecting plug for cigarette lighter. Selector switch for either simultaneous or alternating flash.

Dimensions: W 255 x H 70 x D 87 mm.



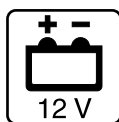
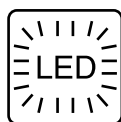
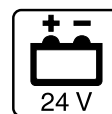
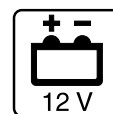
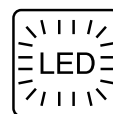
| Code no. | Description                 | Colour | Voltage | Price EUR |
|----------|-----------------------------|--------|---------|-----------|
| 360 515  | Double flash warning device | Amber  | 12 V    | 99.00     |
| 360 535  | Double flash warning device | Amber  | 24 V    | 99.00     |
| 360 555  | Double flash warning device | Blue   | 12 V    | 99.00     |
| 360 575  | Double flash warning device | Blue   | 24 V    | 99.00     |

## Portable LED warning systems

Two LED flashes in housing for use in various vehicles, ready for use in no time at all. Mounting bracket for dashboard or suction pads for windscreen. Spiral cable with switch and connection plug for cigarette lighter. Switch on housing for simultaneous or alternating flash sequence. Only 0.2 A and therefore remarkably low power consumption. Dimensions: W 255 x H 70 x D 87 mm



| Code no. | Description                 | Colour | Voltage | Price EUR |
|----------|-----------------------------|--------|---------|-----------|
| 360 415  | Portable LED warning system | Amber  | 12 V    | 119.00    |
| 360 435  | Portable LED warning system | Amber  | 24 V    | 119.00    |
| 360 455  | Portable LED warning system | Blue   | 12 V    | 119.00    |
| 360 475  | Portable LED warning system | Blue   | 24 V    | 119.00    |



## Portable LED warning systems for cars

Two LED flashers in housing for use in various vehicles. With suction pads for mounting on the inside of car windscreens. Mounted in no time at all. Spiral cable with switch and connection plug for cigarette lighter. Switch for diverse flash sequences. Clip-on cover. With just 0.8 A remarkably low power consumption. Dimensions: W 185 x H 50 x D 72 mm

| Code no. | Description        | Colour | Voltage | Price EUR |
|----------|--------------------|--------|---------|-----------|
| 360 315  | LED warning system | Amber  | 12 V    | 149.00    |
| 360 345  | LED warning system | Blue   | 12 V    | 149.00    |

## Warning flag

Warning flag, size 500 x 500 mm, with 800 mm handle.

| Code no. | Description  | Colour                   | Price EUR |
|----------|--------------|--------------------------|-----------|
| 321 205  | Warning flag | white/luminous red/white | 8.90      |



## Megaphone

This megaphone has an additional siren and can be run either with batteries (8 x 1.5 volt) or with the 12 volt cable connected with vehicle. Volume control, pistol grip and carrying strap are further details. Output power 25 watt, medium audio pressure 115 dB. Delivery does not include batteries.

| Code no. | Description | Dimensions       | Voltage | Price EUR |
|----------|-------------|------------------|---------|-----------|
| 321 307  | Megaphone   | L 380 x Ø 230 mm | 12 V    | 89.00     |



## First-aid cabinets

Every company must be equipped with a first-aid kit for wound treatment. The first-aid cabinet made of plastic and steel plate is the ideal way to safeguard wound treatment material. It shouldn't fail in the office, workshop or warehouse. Lockable. Completely filled, contents according to DIN 13169.



326 055



| Code no. | Description                       | Dimensions               | Price EUR |
|----------|-----------------------------------|--------------------------|-----------|
| 326 055  | First-aid cabinet (steel)         | W 450 x H 320 x D 190 mm | 99.00     |
| 326 075  | Refill set according to DIN 13169 |                          | 34.00     |

## First-aid case "Take Away"

The first-aid case can be fastened on the office, workshop or warehouse wall with the included holder. If necessary it is quickly removable and ready for use at place of accident. The case is made of shock-resistant and indestructible plastic and the ideal choice for safeguarding wound treatment material. Incl. brackets and 90° support. Completely filled, contents according to DIN 13169.



| Code no. | Description    | Dimensions               | Price EUR |
|----------|----------------|--------------------------|-----------|
| 326 065  | First-aid case | W 310 x H 130 x D 210 mm | 79.00     |

## Vehicle first-aid box

Vehicle first-aid box, plastic.



Content according to DIN 13164 in plastic foil bag incl. rescue blanket



| Code no. | Description           | Dimensions              | Price EUR | from 10 pc. EUR |
|----------|-----------------------|-------------------------|-----------|-----------------|
| 326 155  | Vehicle first-aid box | W 260 x H 80 x D 170 mm | 7.90      | 7.20            |

## Rear view video systems

- Additional safety when manoeuvring or operating a spec lift.
- ProLux full kit:
- Colour camera and TFT colour flat screen with control menu in 7 languages
- Operating voltage 12/24 V, 20 m connecting cable
- Wide angle lens (approx. 120°) with exposure control and night vision
- Accoustic management (camera with microphone, monitor with speaker)
- Automatic activation when reverse gear is engaged
- Monitor with 2 video inputs and horizontal mirrored picture function

**CRV 6001**  
Professional  
quality and 2  
years guarantee

### CRV 6001 set

Colour system with 5.6" TFT flat screen.

Camera: W 69 x H 41 x D 51 mm,  
Monitor: W 165 x H 115 x D 29 mm,



| Code no. | Description  | Voltage | Price EUR |
|----------|--|---------|-----------|
| 339 593  | Colour rear view video system CRV 6001, complete set | 12/24 V | 559.00    |

### Set CRV 7005

Colour system with large TFT flat screen 7".

Camera W 76 x H 73 x D 85mm  
Monitor W 200 x H 115 x D 29mm



| Code no. | Description  | Voltage | Price EUR |
|----------|--|---------|-----------|
| 339 643  | Colour rear view video system CRV 7005, complete set | 12/24 V | 449.00    |

### CRV 5001 set

Colour system with 5" TFT flat screen monitor.  
Our best priced colour system!

Camera W 87 x H 72 x D 75mm  
Display W 148 x H 109 x D 27mm



**OUR COLOUR  
HIT!**

| Code no. | Description  | Voltage | Price EUR |
|----------|--|---------|-----------|
| 339 624  | Colour reversing video system CRV 5001, complete set | 12/24 V | 289.00    |

### CRV 5605 PIN set

Colour system with 5.6" TFT flat screen,  
and special mini camera.

Camera: W 69 x H 30 x D 58 mm,  
Monitor: W 165 x H 115 x D 29 mm,



assembly also  
in restricted  
spaces

| Code no. | Description  | Voltage | Spannung   | Price EUR |
|----------|--|---------|------------|-----------|
| 339 714  | Colour reversing video system CRV 5605 PIN, complete set | 12/24 V | 12/24 Volt | 459.00    |



## Set CRV 7000 Quad

Colour system with TFT flat screen 7". Possibility to connect up to 4 cameras, pictures of all cameras can be watched at the same time (split-screen).



View of monitor with 2 camera signals

Dimensions:  
Camera: W 69 x H 42 x D 60 mm  
Monitor: W 197 x H 134 x D 28 mm  
Junction box: W 154 x H 23 x D 105 mm



Junction box



| Code no. | Description                            | Voltage | Price EUR |
|----------|--|---------|-----------|
| 339 304  | Colour rear view video system CRV 7000 | 12/24 V | 849.00    |

## Colour camera DBC

Camera with automatic lens cover and infra-red LED night lighting. 120° wide angle, 12 volt, microphone, Dimensions: B 110x H 85 x D 75 mm.



339 895

**NEW**



339 873

## Colour camera DBC

camera with infra-red LED night lighting, 130° wide-angle, 12V, microphone, IP 68  
Dimensions: W 70 x H 40 x D 50mm

| Code no. | Description       | Version                     | Voltage | Price EUR |
|----------|-------------------|-----------------------------|---------|-----------|
| 339 873  | Colour camera DBC | incl. 20 m connecting cable | 12 V    | 299.00    |
| 339 895  | Colour camera DBC | incl. 20 m connecting cable | 12 V    | 349.00    |

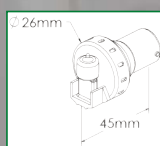
## Reverse gear alarm

Safety when reversing! Loud, beeping security signal. The loudspeaker is waterproof with automatic volume control depending on the loudness of environment. The security bulbs are very easy to install: just swap them with the present bulb.

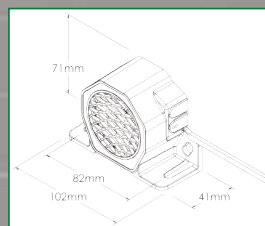
Double shifting into reverse gear switches the alarm off (e.g. by night in residential areas).



110 001/5



950 001/5



| Code no.  | Description                                 | disengageable | Voltage | Volume       | Price EUR |
|-----------|---|---------------|---------|--------------|-----------|
| 110 001/5 | Reverse alarm bulb                          | yes           | 12 V    | 87 dB(A)     | 25.90     |
| 110 003/5 | Reverse alarm bulb                          | yes           | 24 V    | 87 dB(A)     | 26.90     |
| 950 001/5 | Reverse alarm loudspeaker to surface mount  | no            | 12/24 V | 82-102 dB(A) | 34.90     |
| 520 004   | Surface mounted reversing alarm loudspeaker | yes           | 12/24 V | 97 dB(A)     | 36.90     |

## Anti-slip pads/mats

Self-adhesive, robust and durable design.  
The pads are perfect for steps, stairs etc.  
The mats cover larger areas, e.g. of flatbeds.



| Code no. | Description                 | Width  | Length | Price EUR | Price/m EUR |
|----------|-----------------------------|--------|--------|-----------|-------------|
| 651 003  | Anti-slip mat self-adhesive | 50 mm  |        |           | 3.90        |
| 651 023  | Anti-slip mat self-adhesive | 150 mm |        |           | 9.90        |
| 651 041  | Anti-slip pad self-adhesive | 75 mm  | 600 mm | 4.20      |             |
| 651 061  | Anti-slip pad self-adhesive | 150 mm | 600 mm | 6.95      |             |



## Anti-slip mats Safety-Walk

Top quality from 3M! The special, flexible, self-adhesive design copes with uneven surfaces (e.g. grooves).



| Code no. | Description               | Width  | Price/m EUR |
|----------|---------------------------|--------|-------------|
| 651 105  | Anti-slip mat Safety-Walk | 152 mm | 13.80       |
| 651 125  | Anti-slip mat Safety-Walk | 305 mm | 25.90       |



## Anti-slip mats in safety yellow

Self-adhesive anti-slip covering with coarse surface for surefootedness.  
Slip factor R13 (DIN 51130). For steps, entrances and exits, ramps, ladders, vehicles, steel surfaces etc. Resistant against most chemicals.

| Code no. | Description   | Colour        | Width  | Price/m EUR |
|----------|---------------|---------------|--------|-------------|
| 651 205  | Anti-slip mat | safety yellow | 152 mm | 15.10       |
| 651 225  | Anti-slip mat | safety yellow | 305 mm | 24.20       |



## Bright yellow anti-slip coating

Bright yellow anti-slip coating with polyurethane base with particles for improved grip. Suitable for metal, plastic, rubber etc. Weatherproof, resistant against oil and acid. Can be applied with a roller, brush or spray gun.  
Sufficient for 3.5 - 5 m<sup>2</sup>

| Code no. | Description       | Colour              | Contents | Price EUR |
|----------|-------------------|---------------------|----------|-----------|
| 651 185  | Anti-slip coating | bright yellow       | 3.7 L    | 129.00    |
| 651 155  | 2K epoxy primer   | RAL 7126 anthracite | 1 kg     | 26.00     |



primer incl.  
curing agent

Paint (5 kg)  
Hardener (0.5 kg)

## Anti-slip coating

High quality two-component enamel paint with excellent adhesion, hardness and abrasion resistance. Very weather and chemical proof for a sure-footed and non-slipping coating of different surfaces.

Can be quickly and easily applied with an underseal spray gun.

Colour RAL 9005 black.  
One set is sufficient for approx. 5 m<sup>2</sup> surface.



| Code no. | Description                    | Contents | Colour              | Price EUR |
|----------|--------------------------------|----------|---------------------|-----------|
| 651 135  | Anti-slip paint incl. hardener | 5/0.5 kg | RAL 9005 Jet Black  | 167.00    |
| 651 155  | 2K epoxy primer                | 1 kg     | RAL 7126 anthracite | 26.00     |
| 651 193  | Underbody sealant spray gun    | 1 l      |                     | 44.90     |





## Round slings

Universal lifting and loading tool with wide range of use. German top quality, with PU-impregnated sheath and therefore very abrasion-resistant. Anti-abrasion sheaths (page 186).

Pursuant EN 1492-2, incl. 7-fold safety factor. Data of loading capacity are valid for one-way, direct lifting.



Round sling hook  
(code-no. 556 905, see page 207)

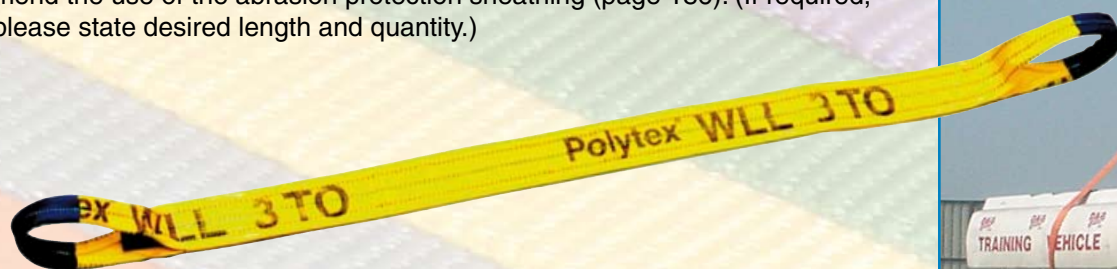


| Code no. | Description | Working length | Size | Loading  | EUR    |
|----------|-------------|----------------|------|----------|--------|
| 530 095  | Round sling | 0.5 m          | 1 m  | 1000 kg  | 2.90   |
| 530 105  | Round sling | 1 m            | 2 m  | 1000 kg  | 4.00   |
| 530 125  | Round sling | 1.5 m          | 3 m  | 1000 kg  | 5.60   |
| 530 145  | Round sling | 2 m            | 4 m  | 1000 kg  | 7.20   |
| 530 155  | Round sling | 2.5 m          | 5 m  | 1000 kg  | 9.70   |
| 530 165  | Round sling | 1 m            | 2 m  | 2000 kg  | 5.30   |
| 530 185  | Round sling | 1.5 m          | 3 m  | 2000 kg  | 7.90   |
| 530 205  | Round sling | 2 m            | 4 m  | 2000 kg  | 9.90   |
| 530 215  | Round sling | 3 m            | 6 m  | 2000 kg  | 15.20  |
| 530 195  | Round sling | 4 m            | 8 m  | 2000 kg  | 19.90  |
| 530 225  | Round sling | 1.5 m          | 3 m  | 3000 kg  | 10.50  |
| 530 245  | Round sling | 2 m            | 4 m  | 3000 kg  | 13.50  |
| 530 265  | Round sling | 3 m            | 6 m  | 3000 kg  | 19.90  |
| 530 255  | Round sling | 4 m            | 8 m  | 3000 kg  | 26.50  |
| 530 485  | Round sling | 1.5 m          | 3 m  | 4000 kg  | 13.90  |
| 530 505  | Round sling | 2 m            | 4 m  | 4000 kg  | 18.50  |
| 530 525  | Round sling | 3 m            | 6 m  | 4000 kg  | 26.50  |
| 530 545  | Round sling | 4 m            | 8 m  | 4000 kg  | 34.00  |
| 530 565  | Round sling | 5 m            | 10 m | 4000 kg  | 44.00  |
| 530 625  | Round sling | 2 m            | 4 m  | 5000 kg  | 23.00  |
| 530 645  | Round sling | 3 m            | 6 m  | 5000 kg  | 33.00  |
| 530 665  | Round sling | 4 m            | 8 m  | 5000 kg  | 43.50  |
| 530 685  | Round sling | 5 m            | 10 m | 5000 kg  | 53.50  |
| 530 285  | Round sling | 2 m            | 4 m  | 6000 kg  | 26.50  |
| 530 305  | Round sling | 3 m            | 6 m  | 6000 kg  | 39.80  |
| 530 325  | Round sling | 4 m            | 8 m  | 6000 kg  | 52.00  |
| 530 345  | Round sling | 5 m            | 10 m | 6000 kg  | 64.50  |
| 530 355  | Round sling | 6 m            | 12 m | 6000 kg  | 77.00  |
| 530 385  | Round sling | 3 m            | 6 m  | 8000 kg  | 53.00  |
| 530 405  | Round sling | 4 m            | 8 m  | 8000 kg  | 69.50  |
| 530 425  | Round sling | 5 m            | 10 m | 8000 kg  | 86.00  |
| 530 445  | Round sling | 6 m            | 12 m | 8000 kg  | 102.00 |
| 530 705  | Round sling | 4 m            | 8 m  | 10000 kg | 80.00  |
| 530 715  | Round sling | 5 m            | 10 m | 10000 kg | 115.00 |
| 530 725  | Round sling | 6 m            | 12 m | 10000 kg | 150.00 |



## Duplex lifting slings

With reinforced and tapered end loops, made of high-strength polyester, sewn two-ply. Pursuant EN 1492-1. For lifting, recovering and towing, robust and long-living. If you have aggressive surfaces or sharp edges we recommend the use of the abrasion protection sheathing (page 186). (If required, please state desired length and quantity.)



| Code no. | Description   | Width | Length | Direct loading | Loading U-form | EUR   |
|----------|---------------|-------|--------|----------------|----------------|-------|
| 510 205  | Lifting sling | 30 mm | 2 m    | 1 t            | 2 t            | 11.00 |
| 510 225  | Lifting sling | 30 mm | 3 m    | 1 t            | 2 t            | 14.00 |
| 510 245  | Lifting sling | 30 mm | 4 m    | 1 t            | 2 t            | 17.00 |
| 510 255  | Lifting sling | 30 mm | 5 m    | 1 t            | 2 t            | 20.00 |
| 510 305  | Lifting sling | 60 mm | 2 m    | 2 t            | 4 t            | 16.00 |
| 510 325  | Lifting sling | 60 mm | 3 m    | 2 t            | 4 t            | 21.00 |
| 510 345  | Lifting sling | 60 mm | 4 m    | 2 t            | 4 t            | 26.00 |
| 510 355  | Lifting sling | 60 mm | 5 m    | 2 t            | 4 t            | 31.50 |
| 510 375  | Lifting sling | 60 mm | 6 m    | 2 t            | 4 t            | 36.50 |
| 510 385  | Lifting sling | 60 mm | 8 m    | 2 t            | 4 t            | 47.00 |
| 510 405  | Lifting sling | 90 mm | 2 m    | 3 t            | 6 t            | 24.00 |
| 510 425  | Lifting sling | 90 mm | 3 m    | 3 t            | 6 t            | 30.00 |
| 510 445  | Lifting sling | 90 mm | 4 m    | 3 t            | 6 t            | 36.50 |
| 510 465  | Lifting sling | 90 mm | 6 m    | 3 t            | 6 t            | 49.00 |
| 510 485  | Lifting sling | 90 mm | 8 m    | 3 t            | 6 t            | 59.50 |

| Code no. | Description              | Width  | Length | Direct loading | Loading U-form | EUR    |
|----------|--------------------------|--------|--------|----------------|----------------|--------|
| 510 505  | Heavy-duty lifting sling | 120 mm | 4 m    | 4 t            | 8 t            | 49.00  |
| 510 525  | Heavy-duty lifting sling | 120 mm | 6 m    | 4 t            | 8 t            | 69.00  |
| 510 545  | Heavy-duty lifting sling | 120 mm | 8 m    | 4 t            | 8 t            | 89.00  |
| 510 565  | Heavy-duty lifting sling | 120 mm | 10 m   | 4 t            | 8 t            | 109.00 |
| 510 585  | Heavy-duty lifting sling | 120 mm | 12 m   | 4 t            | 8 t            | 129.00 |
| 510 605  | Heavy-duty lifting sling | 180 mm | 6 m    | 6 t            | 12 t           | 139.00 |
| 510 625  | Heavy-duty lifting sling | 180 mm | 8 m    | 6 t            | 12 t           | 165.00 |
| 510 645  | Heavy-duty lifting sling | 180 mm | 10 m   | 6 t            | 12 t           | 209.00 |
| 510 665  | Heavy-duty lifting sling | 180 mm | 12 m   | 6 t            | 12 t           | 249.00 |
| 510 695  | Heavy-duty lifting sling | 240 mm | 4 m    | 8 t            | 16 t           | 119.00 |
| 510 705  | Heavy-duty lifting sling | 240 mm | 6 m    | 8 t            | 16 t           | 149.00 |
| 510 725  | Heavy-duty lifting sling | 240 mm | 8 m    | 8 t            | 16 t           | 189.00 |
| 510 745  | Heavy-duty lifting sling | 240 mm | 10 m   | 8 t            | 16 t           | 219.00 |
| 510 765  | Heavy-duty lifting sling | 240 mm | 12 m   | 8 t            | 16 t           | 259.00 |
| 510 815  | Heavy-duty lifting sling | 300 mm | 6 m    | 10 t           | 20 t           | 189.00 |
| 510 835  | Heavy-duty lifting sling | 300 mm | 8 m    | 10 t           | 20 t           | 209.00 |
| 510 855  | Heavy-duty lifting sling | 300 mm | 10 m   | 10 t           | 20 t           | 239.00 |
| 510 875  | Heavy-duty lifting sling | 300 mm | 12 m   | 10 t           | 20 t           | 279.00 |
| 510 895  | Heavy-duty lifting sling | 300 mm | 14 m   | 10 t           | 20 t           | 319.00 |

## Special lifting mat

For quick lifting of vehicles with a lifting frame. The connection is effected below the vehicle, the mat is universally adjustable in length. Thanks to its width it allows a damage-free lifting. Adjustable in length from 4.20 m to 5.10 m.



| Code no. | Description                   | Width  | Loading        | EN     | EUR    |
|----------|-------------------------------|--------|----------------|--------|--------|
| 500 065  | Special lifting mat (1 piece) | 300 mm | 2500 kg U-form | 1492-1 | 108.00 |

## Lifting mat with crossbar

For a quick recovery of vehicles via their roof. The crossbar is simple to place and it relieves the vehicle roof considerably. It is subdivided into 3 sections and is telescopic which makes it very space-saving and easy to store. The crossbar can be mounted by one single person, without risk to damage of the vehicle roof. Thanks to the sewn-on abrasion protection the lifting mat reaches a very high operating age. The lifting mat can also be easily employed without crossbar.

Complies with EN 1492-1.



| Code no. | Description                           | Width  | Length | Loading | EUR/set |
|----------|---------------------------------------|--------|--------|---------|---------|
| 501 005  | Lifting mat with crossbar, telescopic | 200 mm | 4.7 m  | 2500 kg | 199.00  |

## Lifting straps

With tapered and reinforced loops or with steel brackets for a quick recovery of damaged vehicles via their roof, according to EN 1492-1.

For heavily damaged vehicles with a lot of sharp edges we recommend the use of an abrasion protection sheath.



with steel brackets



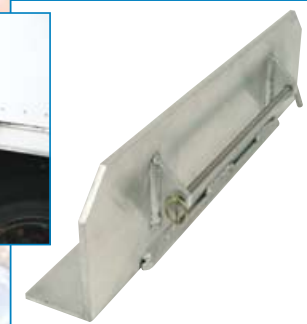
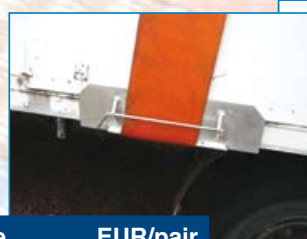
with loops



| Code no. | Description                            | Version             | Width        | Loading       | EUR    |
|----------|--|---------------------|--------------|---------------|--------|
| 500 105  | Recovery strap                         | with loops          | 200 mm 3.6 m | up to 2500 kg | 69.00  |
| 500 115  | Recovery strap (for recovery crossbar) | with loops          | 200 mm 2.5 m | up to 2500 kg | 64.00  |
| 500 035  | Recovery strap two-ply                 | with steel brackets | 80 mm 3.6 m  | up to 4000 kg | 79.00  |
| 500 055  | Recovery strap with steel brackets     | with steel brackets | 200 mm 3.6 m | up to 2500 kg | 103.00 |
| 500 045  | 2 pieces abrasion protection (set)     |                     | 80 mm 0.5 m  |               | 20.00  |
| 500 075  | 2 pieces abrasion protection (set)     |                     | 200 mm 0.5 m |               | 32.00  |

## Recovery console for box bodies

Recovery console made of stable aluminium, minimises damages occurring by lifting sensitive box bodies. Suitable for lifting straps up to max. 400 mm. Delivered in pairs.



| Code no. | Description                     | Length | Weight apiece | EUR/pair |
|----------|---------------------------------|--------|---------------|----------|
| 600 585  | Recovery console for box bodies | 750 mm | 6.8 kg        | 299.00   |



**USEFUL****PES double-loop wheel slings**

Extra slim (25 mm), robust strap to secure or lift vehicles via their wheels. Very easy to thread.

Increased loading capacity if hung double (U-form) 1000 kg. With additionally sewn strap protection.



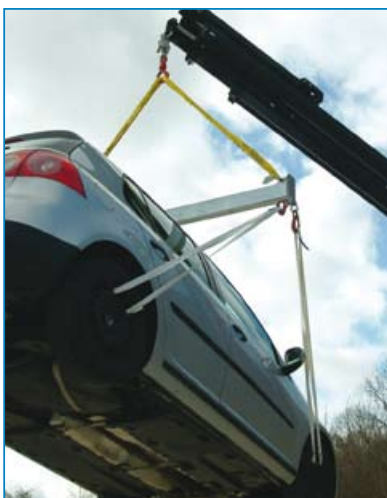
| Code no. | Description       | Width | Length | Loading     | EN     | EUR  | from 10 pc. EUR | from 20 pc. EUR |
|----------|-------------------|-------|--------|-------------|--------|------|-----------------|-----------------|
| 531 005  | Double-loop sling | 25 mm | 0.4 m  | 500/1000 kg | 1492-1 | 4.80 | 4.30            | 3.90            |
| 531 025  | Double-loop sling | 25 mm | 0.6 m  | 500/1000 kg | 1492-1 | 5.30 | 4.80            | 4.30            |
| 531 045  | Double-loop sling | 25 mm | 0.8 m  | 500/1000 kg | 1492-1 | 5.70 | 5.10            | 4.60            |
| 531 065  | Double-loop sling | 25 mm | 1.0 m  | 500/1000 kg | 1492-1 | 6.50 | 5.80            | 5.20            |

**"Sensitive" polyester double-loop slings**

Strong 25mm webbing for lifting or securing vehicles via the wheels. The suede sheath prevents marking expensive alloy wheels. If used in a u-form the load capacity is doubled to 1000kg.

**NEW**

| Code no. | Description                    | Width | Length | Loading     | EN     | EUR   |
|----------|--------------------------------|-------|--------|-------------|--------|-------|
| 532 005  | "Sensitive" double-loop slings | 25 mm | 0.,4 m | 500/1000 kg | 1492-1 | 8.90  |
| 532 025  | "Sensitive" double-loop slings | 25 mm | 0.6 m  | 500/1000 kg | 1492-1 | 10.90 |
| 532 045  | "Sensitive" double-loop slings | 25 mm | 0.8 m  | 500/1000 kg | 1492-1 | 12.90 |
| 532 065  | "Sensitive" double-loop slings | 25 mm | 1.0 m  | 500/1000 kg | 1492-1 | 15.90 |

**Wheel lifting strap**

In combination with a lifting frame, these straps enable fast and damage-free lifting of vehicles via wheels. Incl. slidable abrasion protection, capacity in U-form: 1000 kg, effective working length: 1.75 m per band. Strap 500 635 can be shortened to 1.55 and 1.35m.

**USEFUL**

500 625

**NEW**

500 635, 3-fold shortenable

| Code no. | Description                     | Belt width | Length | Working length | Loading        | EN     | EUR   |
|----------|---------------------------------|------------|--------|----------------|----------------|--------|-------|
| 500 625  | Lifting band                    | 25 mm      | 3.5 m  | 1.75 m         | 1000 kg U-form | 1492-1 | 15.30 |
| 500 635  | Lifting strap, can be shortened | 30 mm      | 3,5 m  | 1.75 m         | 1000 kg U-form | 1492-1 | 33.90 |





### Recovery chain

Recovery chain Ø 8 mm made of high-strength steel. Extremely robust, special J-hooks with wide throat. Both chains are adjustable in length. Incl. capacity marking pursuant UVV.



| Code no. | Description           | Length | Load cap. | EUR    |
|----------|-----------------------|--------|-----------|--------|
| 549 005  | Recovery double chain | 1.7 m  | 2800 kg   | 145.00 |

### Recovery straps

Stable and flexible recovery straps, incl. special J-hook with very wide throat.



### Recovery strap type A

One strap through oval eyelet and therefore self-centring.



| Code no. | Description           | Version        | Belt width | Working length | Load    | EUR    |
|----------|-----------------------|----------------|------------|----------------|---------|--------|
| 550 025  | Recovery strap type A | self-adjusting | 60 mm      | 1 m            | 2000 kg | 109.00 |

### Recovery strap type B

2 separate fixed straps



| Code no. | Description           | Version      | Belt width | Working length | Load    | EUR    |
|----------|-----------------------|--------------|------------|----------------|---------|--------|
| 550 035  | Recovery strap type B | fixed straps | 60 mm      | 1.5 m          | 2000 kg | 119.00 |



558 625



558 635



558 645

| Code no. | Description                   | Length | Throat opening | Load cap. | EUR   |
|----------|-------------------------------|--------|----------------|-----------|-------|
| 558 625  | Special J-hook as single part | 370 mm | 105 mm         | 2400 kg   | 32.00 |
| 558 635  | Short shanked J-hook          | 200 mm | 105 mm         | 2400 kg   | 24.00 |
| 558 645  | Special J-hook with ring      | 420 mm | 105 mm         | 2400 kg   | 34.00 |

### Recovery strap

- Recover without damaging the vehicle
- Stable, double stitched 50mm strap
- Additional wear protection layer



| Code no. | Description    | Version    | Belt width | Working length | Load          | EUR   |
|----------|----------------|------------|------------|----------------|---------------|-------|
| 552 055  | Recovery strap | 2-stringed | 50 mm      | 1.40 m         | up to 2000 kg | 79.50 |

## Anti-abrasion covers

Tough protective sheaths to prevent damage to straps, webbing and slings. Price per metre!

| Code no. | Description   | EUR/m |
|----------|---|-------|
| 510 395  | Abrasion protection sheathing for 30/60 mm belt width and slings up to 2t.  | 6.00  |
| 500 345  | Abrasion protection sheathing for 90/120 mm belt width and slings 3 - 6t.   | 11.00 |
| 500 405  | Abrasion protection sheathing for 150/180 mm belt width and slings 8 - 10t. | 29.00 |
| 500 465  | Abrasion protection sheathing for 240/300 mm belt width                     | 33.00 |
| 500 045  | Abriebschutz (2 Stück)  | 20,00 |



## Anti-abrasion covers with Velcro® fastener

Upgrade and protect your straps anytime with this protection cover. Sheathing is laborious and sometimes impossible - here's the easy solution. Length 0.3 m.



| Code no. | Description                 | Max. width | Length | EUR   |
|----------|-----------------------------|------------|--------|-------|
| 501 205  | Velcro® anti-abrasion cover | 50 mm      | 0.3 m  | 10.50 |
| 501 225  | Velcro® anti-abrasion cover | 80 mm      | 0.3 m  | 12.00 |
| 501 245  | Velcro® anti-abrasion cover | 120 mm     | 0.3 m  | 13.90 |
| 501 265  | Velcro® anti-abrasion cover | 200 mm     | 0.3 m  | 21.50 |

## Abrasion protection sheathing "sensitive"

Abrasion protection sheathing with supersoft contact area, protects surfaces and the strap itself.



| Code no. | Description                               | Belt width  | Length | EUR   |
|----------|---|-------------|--------|-------|
| 501 805  | Abrasion protection sheathing "sensitive" | up to 35 mm | 0,5 m  | 13.90 |
| 501 825  | Abrasion protection sheathing "sensitive" | up to 50 mm | 0,5 m  | 15.90 |



501 915

## Corner protection

Hard-wearing, flexible PU corner protection with various uses. The corner protection protects the strap against damage caused by sharp edges.

501 935



| Code no. | Description              | Belt width | Dimensions       | EUR  |
|----------|--------------------------|------------|------------------|------|
| 501 915  | Corner protection strip  | 35/50 mm   | L 300 x W 100 mm | 5.20 |
| 501 935  | Angled corner protection | 35/50 mm   | W 140 x D 90 mm  | 1.60 |



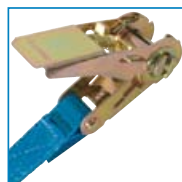
## Tie-down straps

1-piece tie-down straps, 25 mm wide, with cam buckle or ratchet. Secure drive shafts during HGV recovery for example. With your company name printed on they can also be used as an attractive promotional gift.

Lettering at no extra cost if you order at least 50 pieces. Delivery time 2 weeks. When placing an order, please state the desired imprint (block letters, black).



Order at least 50 pieces for lettering free of charge.

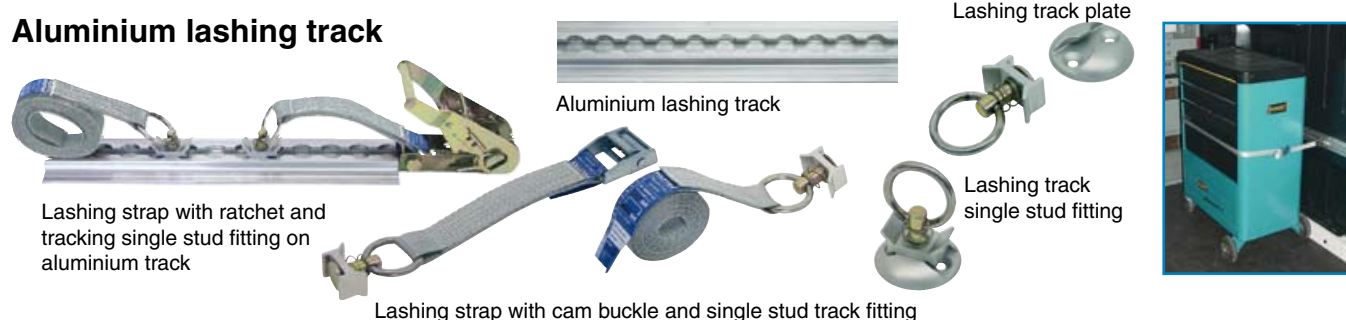


| Code no. | Description             | Version            | Colour | Width | Length | Loading | EUR  |
|----------|-------------------------|--------------------|--------|-------|--------|---------|------|
| 508 025  | Tie-down strap, 1-piece | with clamping lock | Yellow | 25 mm | 4 m    | 250 kg  | 3.50 |
| 508 045  | Tie-down strap, 1-piece | with clamping lock | Red    | 25 mm | 4 m    | 250 kg  | 3.50 |
| 508 065  | Tie-down strap, 1-piece | with clamping lock | Blue   | 25 mm | 4 m    | 250 kg  | 3.50 |
| 508 125  | Tie-down strap, 1-piece | with mini-ratchet  | Yellow | 25 mm | 4 m    | 500 kg  | 4.90 |
| 508 145  | Tie-down strap, 1-piece | with mini-ratchet  | Red    | 25 mm | 4 m    | 500 kg  | 4.90 |
| 508 165  | Tie-down strap, 1-piece | with mini-ratchet  | Blue   | 25 mm | 4 m    | 500 kg  | 4.90 |
| 501 155  | Tie-down strap, 1-piece | with mini-ratchet  | Pink   | 25 mm | 4 m    | 500 kg  | 4.90 |

## Lashing tracks for load securing in vans

Retrofit your van with a professional lashing track system to secure your load. The lashing tracks can be mounted either horizontally or vertically. Loading capacity of the aluminium track is 400 kg/point, the steel track 1000 kg/point.

### Aluminium lashing track



| Code no. | Description  | Width   | Length | EUR   |
|----------|--|---------|--------|-------|
| 130 045  | Aluminium lashing track per metre  | 65 mm   |        | 18.90 |
| 130 025  | Aluminium lashing track plate, anodised, uncoloured                              | Ø 44 mm |        | 7.30  |
| 130 055  | Lashing track single stud fitting for strap width between 20 - 45 mm, rust-proof | 38.5 mm | 61 mm  | 4.00  |
| 130 005  | Lashing strap with ratchet and single stud track fitting                         | 25 mm   | 2 m    | 28.00 |
| 130 015  | Lashing strap with ratchet and single stud track fitting                         | 25 mm   | 3 m    | 30.50 |
| 130 035  | Lashing strap with cam buckle and single stud track fitting                      | 25 mm   | 2.5 m  | 17.50 |

### Steel lashing track system



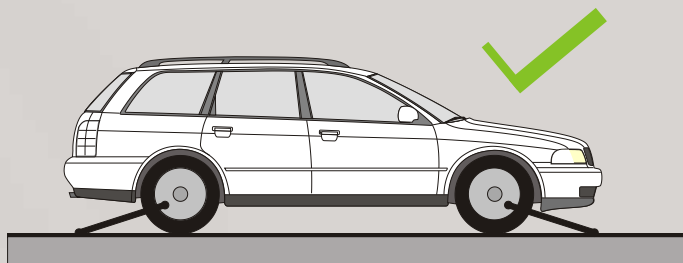
| Code no. | Description   | Width  | Length | EUR   |
|----------|---|--------|--------|-------|
| 130 085  | Steel lashing track, zinc-plated, sold by the metre | 130 mm |        | 11.30 |
| 130 065  | Lashing strap with compact ratchet and track hook   | 50 mm  | 2 m    | 46.50 |
| 130 075  | Lashing strap with compact ratchet and track hook   | 50 mm  | 3 m    | 49.50 |

## Vehicle tie-downs

To secure vehicles on flatbeds, car transporters and trailers. The straps comply with EN 12195-2. Two-piece construction with ratchet and extra short ratchet end for optimal handling.

The proven, stable short grip ratchet (more space to move the ratchet grip), robust webbing and high-strength fittings guarantee a long lifetime of this German quality product.

The load capacity is approved in practise and refers to direct loading. If the straps are used in U-form, the stated values double.



## Double J-hook

| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 500 125  | 35 mm | 1.5 m  | up to 1500 kg | 11.00 | 10.00          | 9.50            |



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 500 165  | 50 mm | 2 m    | up to 2500 kg | 13.00 | 12.00          | 11.50           |

## Double J-hook with safety latch

- prevents the hook jumping out of the tie-down ring
- reduces the risk of losing a strap
- compact hook design

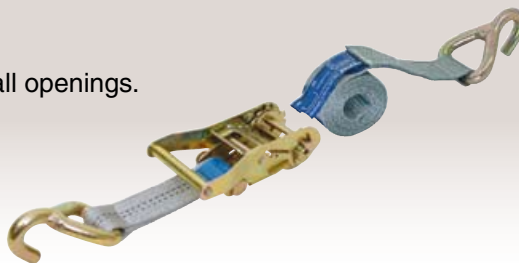
**NEVER LOSE A STRAP AGAIN!**



| Code no. | Description      | Width | Length | Loading       | EUR   |
|----------|------------------|-------|--------|---------------|-------|
| 514 125  | Vehicle tie-down | 35 mm | 1.5 m  | up to 1500 kg | 20.90 |
| 514 165  | Vehicle tie-down | 50 mm | 2.0 m  | up to 2500 kg | 23.90 |

## J-hook

Universal strap with slender J-hook for small openings.



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 500 155  | 35 mm | 1.5 m  | up to 1500 kg | 12.50 | 11.50          | 11.00           |



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 500 195  | 50 mm | 2 m    | up to 2500 kg | 15.50 | 14.50          | 14.00           |

## Sling hook with triangular safety hook

If the possibility of unhooking needs to be ruled out.



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 500 205  | 50 mm | 2 m    | up to 2500 kg | 23.00 | 21.00          | 19.50           |

## Tie-down straps with swivel J-hook

For operations where every centimetre counts: Tie-down straps with 360° rotational J-hook directly mounted at ratchet.



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 505 155  | 35 mm | 1.5 m  | up to 1500 kg | 13.50 | 12.50          | 11.50           |



| Code no. | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|-------|--------|---------------|-------|----------------|-----------------|
| 505 195  | 50 mm | 2 m    | up to 2500 kg | 17.30 | 15.90          | 14.80           |



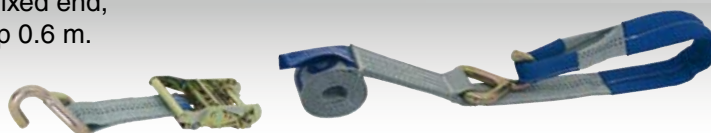


### Vehicle carrier strap with extra loop

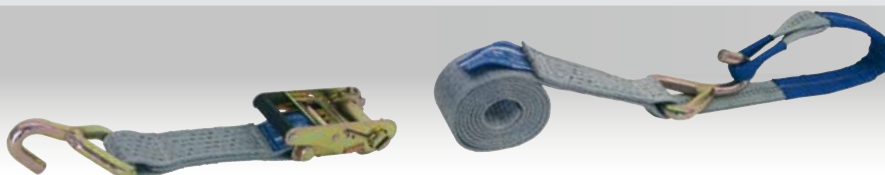
Our most sold! The perfect strap to secure your vehicles via the wheel.

Insensitive steel wheels are secured by hooking the J-hook directly into the wheel. Sensitive alloy wheels can be secured with the permanent extra loop, which is hooked back in the J-hook.

2-piece construction with ratchet and short fixed end, length of extra loop 0.6 m.



| Code no. | Description           | Width | Length | Loading       | EN      | EUR   | from 11 pc. EUR |
|----------|-----------------------|-------|--------|---------------|---------|-------|-----------------|
| 504 155  | Vehicle carrier strap | 35 mm | 1.5 m  | up to 1500 kg | 12195-2 | 19.90 | 17.90           |



| Code no. | Description           | Width | Length | Loading       | EN      | EUR   | from 11 pc. EUR |
|----------|-----------------------|-------|--------|---------------|---------|-------|-----------------|
| 504 195  | Vehicle carrier strap | 50 mm | 2 m    | up to 2500 kg | 12195-2 | 22.90 | 20.90           |



2-piece construction with ratchet incl. swivel J-hook, length of extra loop 0.6 m.

| Code no. | Description           | Width | Length | Loading       | EN      | EUR   | from 11 pc. EUR |
|----------|-----------------------|-------|--------|---------------|---------|-------|-----------------|
| 504 255  | Vehicle carrier strap | 35 mm | 1.5 m  | up to 1500 kg | 12195-2 | 17.50 | 15.90           |

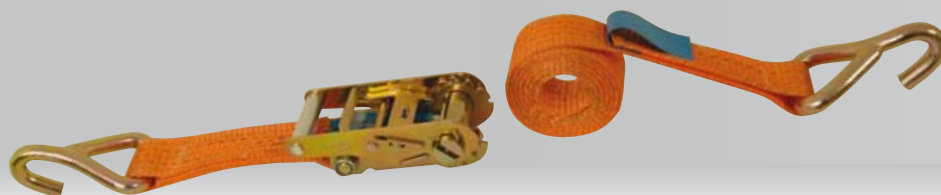


| Code no. | Description           | Width | Length | Loading       | EN      | EUR   | from 11 pc. EUR |
|----------|-----------------------|-------|--------|---------------|---------|-------|-----------------|
| 504 295  | Vehicle carrier strap | 50 mm | 2 m    | up to 2500 kg | 12195-2 | 21.50 | 19.50           |

### Reflective hi-vis strap with j-hook

- integrated hi-vis stitched lines
- increased safety by night-time operations

HIGH-TECH STRAP



| Code no. | Description      | Version | Width | Length | Loading       | EUR   | from 5 pc. EUR | from 11 pc. EUR |
|----------|------------------|---------|-------|--------|---------------|-------|----------------|-----------------|
| 520 195  | Reflective strap | j-hook  | 50 mm | 2 m    | up to 2500 kg | 17.90 | 16.90          | 16.40           |

## Vehicle tie-down with additional "soft" loop

- Special soft covered loop
- Protects sensitive alloy wheels
- Especially painted alloys!
- Also for steel wheels by use of hook



protection  
for alloys



## Vehicle tie-down with extra loop "sensitive"

Extra soft strap cover. Especially suitable for sensitive alloy wheels, as it won't leave any pressure or abrasion marks. 2-piece construction with ratchet and short ratchet end, length of extra loop 0.6 m.



| Code no. | Description                  | Width | Length | Loading       | EN      | EUR   |
|----------|------------------------------|-------|--------|---------------|---------|-------|
| 503 155  | Vehicle tie-down "sensitive" | 35 mm | 1.5 m  | up to 1500 kg | 12195-2 | 21.90 |



| Code no. | Description                  | Width | Length | Loading       | EN      | EUR   |
|----------|------------------------------|-------|--------|---------------|---------|-------|
| 503 195  | Vehicle tie-down "sensitive" | 50 mm | 2.0 m  | up to 2500 kg | 12195-2 | 24.90 |

## Heavy load tie-downs

For securing especially heavy loads e.g. HGVs. Exceedingly robust 2-piece design, extra thick webbing.

**OUR STRONGEST  
TIE-DOWN!**

506 005

506 205

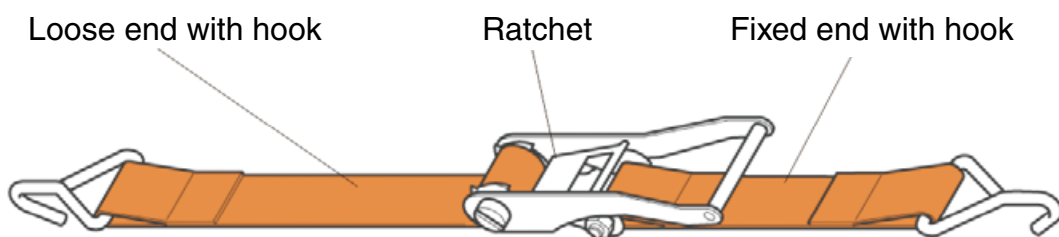


| Code no. | Description         | Version                | Belt width | Length | Loading       | EN      | EUR   |
|----------|---------------------|------------------------|------------|--------|---------------|---------|-------|
| 506 005  | Heavy load tie-down | Double J-hook          | 75 mm      | 4 m    | up to 5000 kg | 12195-2 | 69.00 |
| 506 205  | Heavy load tie-down | Triangular safety hook | 75 mm      | 4 m    | up to 5000 kg | 12195-2 | 79.00 |

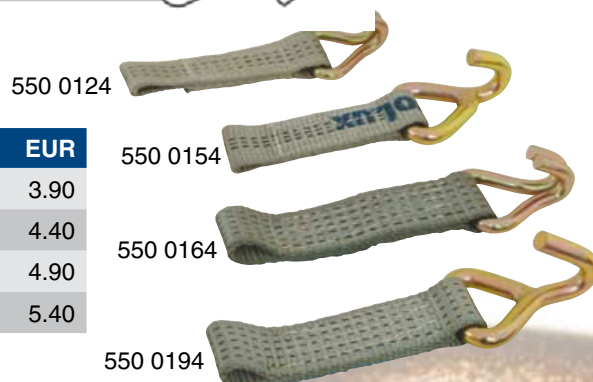
## Tie-downs to your specifications!

Complete tie-downs according to your wishes, choose single items.  
Spare parts - order replacement parts as required.  
All parts - approved to EN 12195-2 of course!

**PRODUCTS  
ADDED**

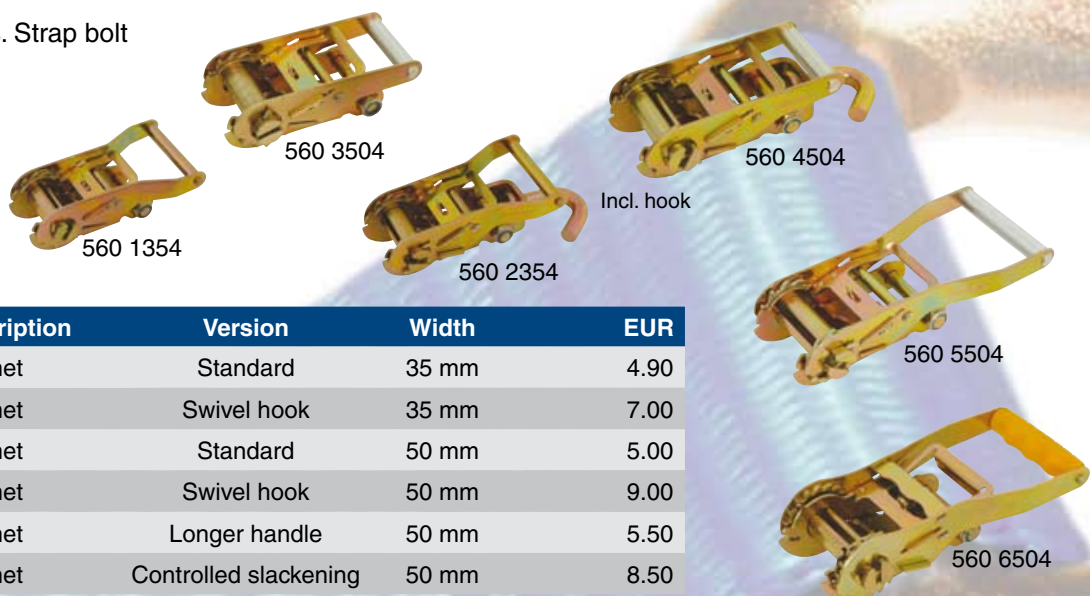


| Code no. | Description | Version       | Width | EUR  |
|----------|-------------|---------------|-------|------|
| 550 0124 | Fixed end   | Double J-hook | 35 mm | 3.90 |
| 550 0154 | Fixed end   | J-hook        | 35 mm | 4.40 |
| 550 0164 | Fixed end   | Double J-hook | 50 mm | 4.90 |
| 550 0194 | Fixed end   | J-hook        | 50 mm | 5.40 |



## Ratchets

For tensioning straps. Strap bolt removable



| Code no. | Description | Version               | Width | EUR  |
|----------|-------------|-----------------------|-------|------|
| 560 1354 | Ratchet     | Standard              | 35 mm | 4.90 |
| 560 2354 | Ratchet     | Swivel hook           | 35 mm | 7.00 |
| 560 3504 | Ratchet     | Standard              | 50 mm | 5.00 |
| 560 4504 | Ratchet     | Swivel hook           | 50 mm | 9.00 |
| 560 5504 | Ratchet     | Longer handle         | 50 mm | 5.50 |
| 560 6504 | Ratchet     | Controlled slackening | 50 mm | 8.50 |

## J-hooks

| Code no. | Description | Width | EUR  |
|----------|-------------|-------|------|
| 553 505  | J-hook      | 35 mm | 2.50 |
| 553 605  | J-hook      | 50 mm | 3.70 |

## Double J-hooks

| Code no. | Description                     | Width | EUR  |
|----------|---------------------------------|-------|------|
| 553 645  | Double J-hook                   | 35 mm | 1.40 |
| 553 655  | Double J-hook                   | 50 mm | 2.30 |
| 553 634  | Double J-hook with safety latch | 50 mm | 3.90 |

## Swivel hooks

| Code no. | Description | Width | EUR  |
|----------|-------------|-------|------|
| 553 665  | Swivel hook | 35 mm | 2.90 |
| 553 685  | Swivel hook | 50 mm | 3.50 |



## Tie-down loose ends

The strap end is threaded into the ratchet and is often the first part of a tie-down to wear. Now you can save money if you order these spare strap-ends in original quality. You can choose between different lengths.



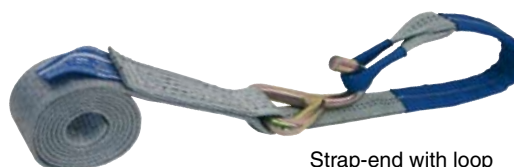
Strap-end with double J-hook

| Code no.  | Description | Version       | Width | Length | EUR   |
|-----------|-------------|---------------|-------|--------|-------|
| 541 20125 | Loose end   | double J-hook | 35 mm | 1.2 m  | 5.50  |
| 542 00125 | Loose end   | double J-hook | 35 mm | 2.0 m  | 6.20  |
| 543 00125 | Loose end   | double J-hook | 35 mm | 3.0 m  | 7.40  |
| 544 00125 | Loose end   | double J-hook | 35 mm | 4.0 m  | 7.90  |
| 546 00125 | Loose end   | double J-hook | 35 mm | 6.0 m  | 9.60  |
| 541 20165 | Loose end   | double J-hook | 50 mm | 1.2 m  | 5.90  |
| 542 00165 | Loose end   | double J-hook | 50 mm | 2.0 m  | 7.50  |
| 544 00165 | Loose end   | double J-hook | 50 mm | 4.0 m  | 10.70 |
| 546 00165 | Loose end   | double J-hook | 50 mm | 6.0 m  | 12.20 |
| 548 00165 | Loose end   | double J-hook | 50 mm | 8,0 m  | 14.20 |



Strap-end with J-hook

| Code no.  | Description | Version | Width | Length | EUR   |
|-----------|-------------|---------|-------|--------|-------|
| 541 20155 | Loose end   | J-hook  | 35 mm | 1.2 m  | 6.00  |
| 542 00155 | Loose end   | J-hook  | 35 mm | 2.0 m  | 6.80  |
| 541 20195 | Loose end   | J-hook  | 50 mm | 1,2 m  | 7.50  |
| 543 00155 | Loose end   | J-hook  | 35 mm | 3.0 m  | 7.70  |
| 544 00155 | Loose end   | J-hook  | 35 mm | 4.0 m  | 8.40  |
| 546 00155 | Loose end   | J-hook  | 35 mm | 6.0 m  | 9.90  |
| 542 00195 | Loose end   | J-hook  | 50 mm | 2.0 m  | 8.90  |
| 544 00195 | Loose end   | J-hook  | 50 mm | 4.0 m  | 11.00 |
| 546 00195 | Loose end   | J-hook  | 50 mm | 6.0 m  | 13.20 |
| 548 00195 | Loose end   | J-hook  | 50 mm | 8.0 m  | 15.40 |



Strap-end with loop

## J-hook and loop

| Code no.  | Description | Version         | Width | Length | EUR   |
|-----------|-------------|-----------------|-------|--------|-------|
| 541 24155 | Loose end   | J-hook and loop | 35 mm | 1.2 m  | 11.50 |
| 542 04155 | Loose end   | J-hook and loop | 35 mm | 2.0 m  | 12.50 |
| 541 24195 | Loose end   | J-hook and loop | 50 mm | 1.2 m  | 12.50 |
| 542 04195 | Loose end   | J-hook and loop | 50 mm | 2.0 m  | 13.50 |
| 543 04195 | Loose end   | J-hook and loop | 50 mm | 3,0 m  | 13.50 |
| 544 04195 | Loose end   | J-hook and loop | 50 mm | 4,0 m  | 15.90 |

## J-hook + extra loop "sensitive"

The strap end is threaded into the ratchet and is often the first part of a tie-down to wear. Now you can save money if you order these spare strap-ends in original quality. You can choose between different lengths.

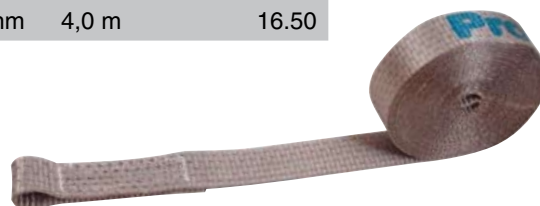


Strap-end with loop "sensitive"

| Code no.  | Description | Version                     | Width |       | EUR   |
|-----------|-------------|-----------------------------|-------|-------|-------|
| 541 23155 | Loose end   | J-hook and loop "sensitive" | 35 mm | 1.2 m | 13.50 |
| 542 03155 | Loose end   | J-hook and loop "sensitive" | 35 mm | 2.0 m | 14.50 |
| 541 23195 | Loose end   | J-hook and loop "sensitive" | 50 mm | 1,2 m | 14.50 |
| 542 03195 | Loose end   | J-hook and loop "sensitive" | 50 mm | 2.0 m | 14.90 |
| 543 03195 | Loose end   | J-hook and loop "sensitive" | 50 mm | 3,0 m | 15.90 |
| 544 03195 | Loose end   | J-hook and loop "sensitive" | 50 mm | 4,0 m | 16.50 |

## Loose end with loop

The loose end is fixed to the ratchet bolt (p. 192) and becomes a one-piece tie-down.



| Code no. | Description | Version               | Width | Length | EUR  |
|----------|-------------|-----------------------|-------|--------|------|
| 504 264  | Loose end   | Loop for ratchet bolt | 35 mm | 4,0 m  | 5.90 |
| 504 284  | Loose end   | Loop for ratchet bolt | 50 mm | 6,0 m  | 7.90 |
| 506 264  | Loose end   | Loop for ratchet bolt | 35 mm | 6,0 m  | 6.90 |
| 506 284  | Loose end   | Loop for ratchet bolt | 50 mm | 6,0 m  | 8.10 |
| 508 264  | Loose end   | Loop for ratchet bolt | 35 mm | 8.0 m  | 7.90 |
| 508 284  | Loose end   | Loop for ratchet bolt | 50 mm | 8,0 m  | 9.30 |

# POLYTEX®

## Insist on the original!



ProLux has been delivering quality POLYTEX® products for years: slings, lifting straps, tie-downs and lifting accessories from POLYTEX® guarantee durability and functionality.

Construction and Production have been closely consolidated. The direct contact to the customer generates the ideas out of the Business for the Business.

Quality assurance system complying with DIN EN ISO 9001-2000, because safety can never be a matter of coincidence. Compliance with all current standards (DIN/EN/VDI/UVV) is the basis, POLYTEX® means quality with certainty.

The original is recognisable through its safety label. All POLYTEX® products provide detailed information to their applications and loading limits.



## Motorcycle quick tie-down

**USEFUL**

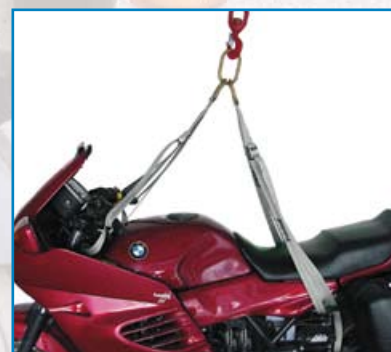
With this tie-down strap you can secure motorcycles quickly and reliably on flatbeds. The special construction of the strap and the resilience of both ratchets are normally sufficient to secure stably. Additional clamping strap for hand brake lever to block the front wheel.



| Code no. | Description               | EUR   |
|----------|---------------------------|-------|
| 501 305  | Motorcycle quick tie-down | 41.00 |

## Motorcycle lifting gear

Lifting gear with four straps, infinitely adjustable thanks to strap locks. Stable, high-strength PES-belt, for lifting motorcycles without damage.



| Code no. | Description             | Belt width | Length | Load cap.    | EUR   |
|----------|-------------------------|------------|--------|--------------|-------|
| 500 505  | Motorcycle lifting gear | 35 mm      | 1.25 m | up to 400 kg | 49.90 |

## Motorcycle tie-down straps

Tie-down ratchet 25 mm, two-piece with special plastic-coated hook to hook in motorcycle handlebar or frame. Stable construction with allowable loading capacity up to 500 kg.



| Code no. | Description               | Belt width | Length | Loading      | EN      | EUR   |
|----------|---------------------------|------------|--------|--------------|---------|-------|
| 500 525  | Motorcycle tie-down strap | 25 mm      | 2 m    | up to 500 kg | 12195-2 | 10.00 |
| 500 535  | Motorcycle tie-down strap | 25 mm      | 4 m    | up to 500 kg | 12195-2 | 11.00 |

## Tie-down straps

1-piece construction. To secure loads on flatbeds or trailers such as two-wheelers or other loads which are difficult to secure.

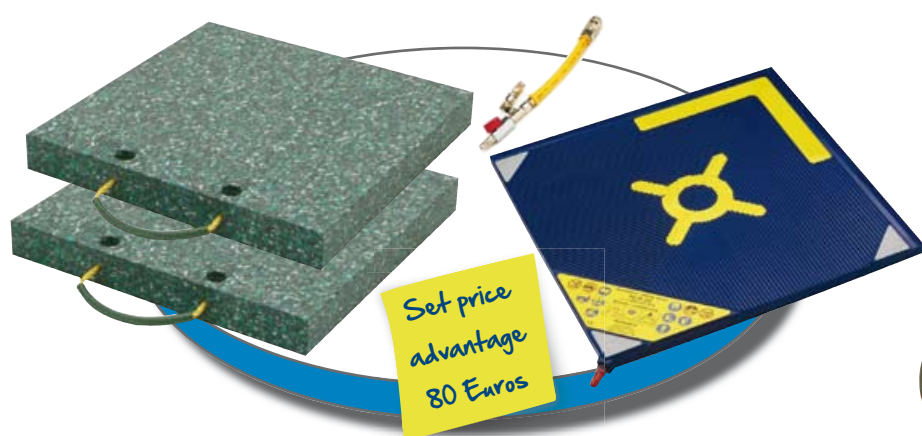


| Code no. | Description    | Belt width | Belt length | Loading       | EN      | EUR   |
|----------|----------------|------------|-------------|---------------|---------|-------|
| 500 245  | Tie-down strap | 25 mm      | 4 m         | up to 1000 kg | 12195-2 | 7.90  |
| 500 265  | Tie-down strap | 35 mm      | 4 m         | up to 2000 kg | 12195-2 | 9.90  |
| 500 285  | Tie-down strap | 50 mm      | 4 m         | up to 5000 kg | 12195-2 | 11.90 |



## Air cushion set

To gain more ground clearance when raising heavy vehicles. Set consists of air cushion HLB 20 with loading capacity 20 t and a maximum height of 290 mm. Delivery complete with air duct with stop valve and 2 crane pads each 50 mm high. Altogether you will reach a maximum lifting height of about 390 mm.



| Code no. | Description             | EUR    |
|----------|-------------------------|--------|
| 961 826  | Air cushion set         | 939.00 |
| 900 585  | Pipe kit for air supply | 129.00 |

Air duct kit  
(code-no. 900 585, see page 229), EUR 129.00  
allows connection of air cushion set with trailer brake  
connection of HGV

## HLB air cushions

The HLB air cushions can be employed singly or together. They can be pumped up to 8 bar. The air supply can be achieved via the pneumatic brake of your truck or with a standard compressor. If you use pipes with stop valves the single cushions can also be uncoupled under load.  
(Air compressor 102 116 pages 276 to 277)



961 506



961 556



| Code no. | Description        | Lift height | Dimensions   | Lifting power | EUR      |
|----------|--------------------|-------------|--------------|---------------|----------|
| 961 306  | Air cushion HLB 05 | 150 mm      | 270 x 270 mm | 5 t           | 529.00   |
| 961 356  | Air cushion HLB 18 | 240 mm      | 360 x 660 mm | 18 t          | 729.00   |
| 961 406  | Air cushion HLB 20 | 290 mm      | 508 x 508 mm | 20 t          | 815.00   |
| 961 476  | Air cushion HLB 32 | 380 mm      | 658 x 658 mm | 32 t          | 1,029.00 |

| Code no. | Description                            | EUR    |
|----------|--|--------|
| 961 506  | Single control device                  | 186.00 |
| 961 556  | Double control device                  | 339.00 |
| 961 606  | Air pipe, 5 m                          | 49.00  |
| 961 656  | Air pipe, 10 m                         | 69.00  |
| 961 706  | shut-off hose with safety, 300 mm long | 54.00  |

## Wheel tie-down straps for vehicle transporters

Considerably less abrasion of the strap thanks to special swivel hooks (strap doesn't lie on sharp-edged perforated steel anymore). With proven grip sheath Superflex, extra flexible, robust but nevertheless very light, 750 mm long (code nos. 501605 + 501635). Complies with the regulations of car manufacturers. Pursuant EN 12195-2.

If you need larger quantities please send us an enquiry.



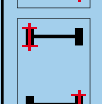
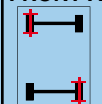
| Code no. | Version               | Width | Length | Loading | EN      | EUR   | from 10 pc. EUR |
|----------|-----------------------|-------|--------|---------|---------|-------|-----------------|
| 501 605  | grip sheath superflex | 35 mm | 3.2 m  | 1500 kg | 12195-2 | 21.90 | 17.90           |
| 501 635  | grip sheath superflex | 50 mm | 3.2 m  | 2500 kg | 12195-2 | 25.90 | 19.90           |



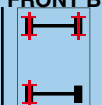
| Code no. | Version              | Width | Length | Loading | EN      | EUR   | from 10 pc. EUR |
|----------|----------------------|-------|--------|---------|---------|-------|-----------------|
| 500 585  | 3 grip sheath strips | 35 mm | 3.2 m  | 1500 kg | 12195-2 | 20.90 | 16.90           |
| 500 575  | 3 grip sheath strips | 50 mm | 3.2 m  | 2500 kg | 12195-2 | 23.90 | 19.90           |

driving  
direction

FRONT A



FRONT B



FRONT C

### Guidelines

Guidelines for securing vehicles on car transporters

According to the specifications of the VDI directive 2700 page 8, passenger cars and light commercial vehicles have to be secured as follows:

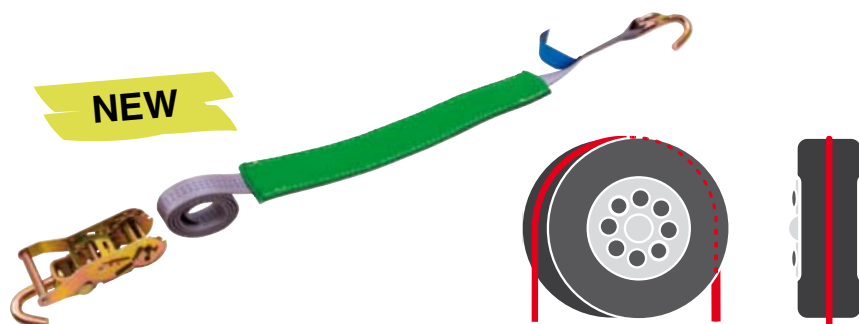
Vehicle A - load in driving direction: Mount one wheel chock in front of any one of the front wheels. Mount two further wheel chocks in front and behind of the rear wheel, which is diagonal to the secured front wheel. Secure this rear wheel additionally with one 3-point tie-down strap (see above).

Vehicle B - load against driving direction: Mount two wheel chocks in front and behind of one front wheel. Mount two further wheel chocks in front and behind of the rear wheel, which is diagonal to the secured front wheel. Secure both wheels additionally with 3-point tie-down straps (see above).

Vehicle C - the last vehicle on the sloping bed: Secure both rear wheels and one front wheel each with two wheel chocks and one 3-point tie-down strap. If the vehicle is loaded in driving direction, it is sufficient mounting one wheel chock in front of the front wheel.

## Tie-down strap for wheel dollies

Secure the vehicle wheel onto the dolly in a matter of seconds. The grip sheath holds everything firmly in place and the short handle on the ratchet makes it easier to loosen the strap. The strap itself is permanently affixed to the ratchet so cannot be lost.



| Code no. | Description                      | Width | Loading | EN      | EUR   |
|----------|----------------------------------|-------|---------|---------|-------|
| 500 515  | Tie-down strap for wheel dollies | 35 mm | 1000 kg | 12195-2 | 18.90 |

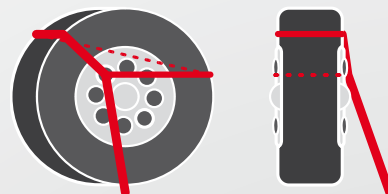




incl. ratchet with  
extra short swivel  
J-hook

### Wheel tie-down straps

The simple, quick but nevertheless safe method to secure a car in the spectacle lift. 2 versions available: 35 mm strap and extra sturdy 50 mm strap.



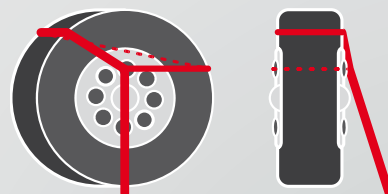
| Code no. | Description          | Width | Length | Loading       | EN      | EUR   |
|----------|----------------------|-------|--------|---------------|---------|-------|
| 500 225  | Wheel tie-down strap | 35 mm | 2.4 m  | up to 1500 kg | 12195-2 | 14.90 |
| 500 295  | Wheel tie-down strap | 50 mm | 2.4 m  | up to 2000 kg | 12195-2 | 17.90 |



incl. ratchet with  
extra short swivel  
J-hook

### Wheel tie-down straps

Thanks to a tightening buckle the upper strap can be adjusted in length. Due to the attached hook the construction of the ratchet system is quite short. This construction has proven itself throughout the years and remains very popular.



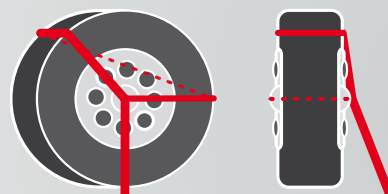
| Code no. | Description          | Width | Length | Loading      | EN      | EUR   |
|----------|----------------------|-------|--------|--------------|---------|-------|
| 500 235  | Wheel tie-down strap | 35 mm | 2.0 m  | up to 800 kg | 12195-2 | 23.90 |



incl. ratchet with  
extra short swivel  
J-hook

### Wheel tie-down straps

Stable wheel tie-down strap 50 mm, adjustable to wheel size thanks to integrated buckle. The 50 mm compact ratchet is equipped with a swivel hook to hook directly into spectacle lift.



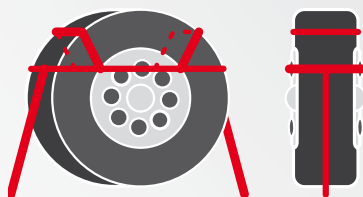
| Code no. | Description          | Width | Length | Loading       | EN      | EUR   |
|----------|----------------------|-------|--------|---------------|---------|-------|
| 500 495  | Wheel tie-down strap | 50 mm | 2.5 m  | up to 1000 kg | 12195-2 | 29.90 |



### Wheel tie-down gear

Stable, universally deployable and fitted in just a few steps. With this tie-down gear you protect cars and HGVs from slipping out of the spectacle lift. The gears for HGVs are wheel size specific. The upper cross belts for wheel sizes 19.5" and 22.5" can be adjusted in length, ensuring an optimal, safe fit.

### ACCESSORY RECOMMENDATION



Corner protection, prevents abrasion of straps.  
(code-no. 501 915, see page 186)

| Code no. | Description                            | Width | Wheel size | Loading       | EN      | EUR   |
|----------|--|-------|------------|---------------|---------|-------|
| 500 215  | Wheel tie-down gear for passenger cars | 35 mm | up to 19 " | up to 2000 kg | 12195-2 | 24.90 |
| 500 255  | Wheel tie-down gear for HGVs           | 50 mm | 17.5 "     | up to 4000 kg | 12195-2 | 66.00 |
| 500 765  | Wheel tie-down gear for HGVs           | 50 mm | 19.5 "     | up to 4000 kg | 12195-2 | 76.00 |
| 500 785  | Wheel tie-down gear for HGVs           | 50 mm | 22.5 "     | up to 4000 kg | 12195-2 | 82.00 |

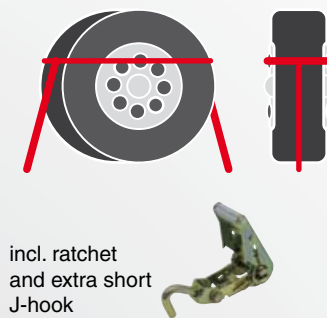


### Wheel tie-down strap for flatbed

Stable wheel tie-down, 35 mm strap width, with ratchet and J-hook. Thanks to additional adjustment possibility also suitable for extra wide wheels!



Extra extension  
200 mm



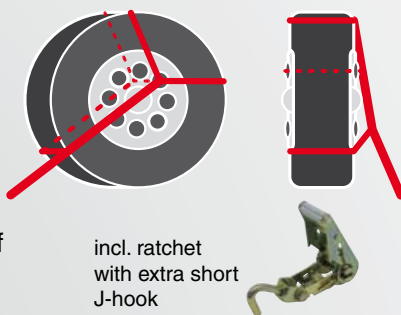
incl. ratchet  
and extra short  
J-hook



| Code no. | Description                      | Width | Length | Loading | EN      | EUR   |
|----------|----------------------------------|-------|--------|---------|---------|-------|
| 500 795  | Wheel tie-down strap for flatbed | 35 mm | 2.5 m  | 1500 kg | 12195-2 | 19.90 |

### Wheel tie-down for flatbed

Universal wheel tie-down to secure vehicles on the flatbed. Simple to use: just lay over tyre and tighten — it will automatically adjust to tyre size. Thanks to compact ratchet with J-hook the strap can be tightened even in the narrowest of spaces.



incl. ratchet  
with extra short  
J-hook

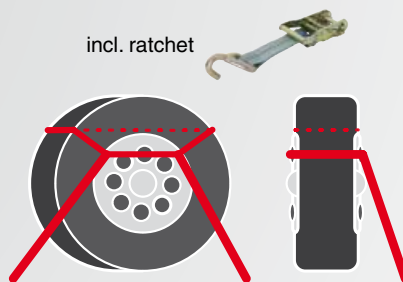


| Code no. | Description    | Width | Length | Loading       | EN      | EUR   |
|----------|----------------|-------|--------|---------------|---------|-------|
| 500 555  | Wheel tie-down | 50 mm | 2.5 m  | up to 2000 kg | 12195-2 | 22.90 |



### Wheel tie-down for flatbed

This strap is made of 35 mm webbing and is suitable for all wheel sizes. The connection strap is produced without any metal parts to avoid wheel damage. With ratchet and J-hook.



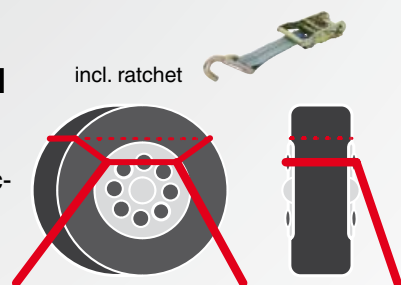
incl. ratchet



| Code no. | Description    | Width | Length | Loading       | EN      | EUR   |
|----------|----------------|-------|--------|---------------|---------|-------|
| 500 685  | Wheel tie-down | 35 mm | 3.5 m  | up to 1500 kg | 12195-2 | 22.90 |

### Wheel tie-down strap for flatbed

Extra stable tie-down strap made of 50 mm webbing, fits all wheel sizes. Secures the wheel safely. Long enough for longer distances between lashing points. With ratchet and J-hook.



incl. ratchet



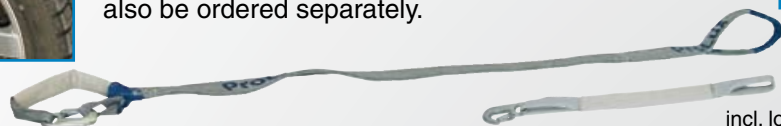
| Code no. | Description          | Width | Length | Loading       | EN      | EUR   |
|----------|----------------------|-------|--------|---------------|---------|-------|
| 500 675  | Wheel tie-down strap | 50 mm | 3.3 m  | up to 2000 kg | 12195-2 | 24.90 |



## Wheel lifting strap

For quick direct wheel connection without

the use of wheel grippers. Steel wheels with sharp edges should only be lifted with additional abrasion protection. With the included loop strap you can also connect other load-securing devices quickly. The loop strap can also be ordered separately.



incl. loop strap

| Code no. | Description                         | Belt width | Length | Loading      | EN     | EUR   |
|----------|-------------------------------------|------------|--------|--------------|--------|-------|
| 500 025  | Wheel lifting strap with loop strap | 35/50 mm   | 1.7 m  | up to 750 kg | 1492-1 | 30.90 |
| 500 485  | Loop strap as single item           | 35 mm      | 0.4 m  | up to 750 kg | 1492-1 | 12.50 |

## Wheel lifting strap with special hook

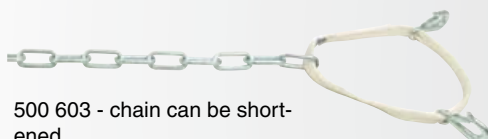
For a quick wheel connection. Thanks to its special shape and safety latch, the hook fits most wheel holes.



500 703Y



500 703



500 603 - chain can be shortened



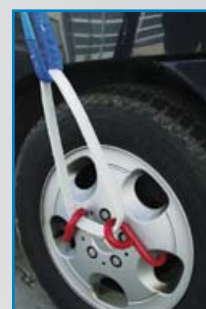
500 645 - with leather protector



500 645



500 703



500 655



500 603



500 655  
Version with two s-hooks



500 653 - 3-loop strap can be shortened

| Code no. | Description                     | Version                        | Length | Loading      | EN     | EUR   |
|----------|---------------------------------|--------------------------------|--------|--------------|--------|-------|
| 500 603  | Wheel lifting strap             | Chain with special wheel hooks | 1.9 m  | up to 625 kg | 1492-1 | 39.00 |
| 500 653  | Wheel lifting strap             | Strap with special wheel hooks | 1.8 m  | up to 670 kg | 1492-1 | 69.00 |
| 500 645  | Wheel lifting strap             | strap with leather protector   | 1.8 m  | up to 670 kg | 1492-1 | 69.00 |
| 500 703  | Band with 2 special wheel hooks | with 2 special wheel hooks     | 0.5 m  | up to 670 kg | 1492-1 | 29.00 |
| 500 655  | Wheel lifting strap             | two s-hooks                    | 1.8 m  | up to 875 kg | 1492-1 | 83.00 |
| 500 703Y | Special wheel hook              |                                |        |              |        | 9.90  |



## Wheel gripper lifting straps

The adjustable wheel gripper lifting straps with their tapered, strengthened loops can be used with nearly all standard wheel grippers.

The loops can be loaded in all directions; this prevents damage occurring by advertently tensioning in the wrong direction.



Eye sling hook with safety latch,  
page 204  
code no. 553 105, EUR 7.90



**ACCESSORY  
RECOMMENDATION**

Universal connecting link,  
(code-no. 556 085, see  
page 204), EUR 7.90



500 015 - adjustable in length: 1.3 / 1.5 / 1.7 m



| Code no. | Version      | Belt width | Possible lengths | Loading      | EN     | EUR   |
|----------|--------------|------------|------------------|--------------|--------|-------|
| 500 015  | with 4 loops | 50 mm      | 1.3/1.5/1.7 m    | up to 875 kg | 1492-1 | 42.00 |

501 095 incl. safety hook - adjustable:  
1.3/1.5/1.7m



| Code no. | Version      | Belt width | Possible lengths | Loading      | EN     | EUR   |
|----------|--------------|------------|------------------|--------------|--------|-------|
| 501 095  | with 4 loops | 50 mm      | 1.3/1.5/1.7 m    | up to 875 kg | 1492-1 | 53.00 |

500 085 - adjustable in length: 1.1 / 1.3 / 1.5 / 1.7 m



| Code no. | Version      | Belt width | Possible lengths  | Loading      | EN     | EUR   |
|----------|--------------|------------|-------------------|--------------|--------|-------|
| 500 085  | with 5 loops | 50 mm      | 1.1/1.3/1.5/1.7 m | up to 875 kg | 1492-1 | 47.00 |

500 135 - adjustable in length: 1.3 / 1.5 / 1.7 m  
With additional sewn-in stretch belt, so that the wheel grippers can be pretensioned on the tyre.



| Code no. | Version      | Belt width | Possible lengths | Loading      | EN     | EUR   |
|----------|--------------|------------|------------------|--------------|--------|-------|
| 500 135  | with 4 loops | 50 mm      | 1.3/1.5/1.7 m    | up to 875 kg | 1492-1 | 47.00 |

501 035 up to 2 m in length adjustable,  
1.1/ 1.3/ 1.5 / 1.7/ 2.0 m



| Code no. | Version      | Belt width | Possible lengths      | Loading      | EN     | EUR   |
|----------|--------------|------------|-----------------------|--------------|--------|-------|
| 501 035  | with 6 loops | 50 mm      | 1.1/1.3/1.5/1.7/2.0 m | up to 875 kg | 1492-1 | 53.00 |

## Clearance block for wheel lifting straps

Easy to use clearance block for wheel lifting straps, avoids the strap making contact with the chassis, and aids damage-free loading. Very light, yet extremely robust.



| Code no. | Description                                      | Material             | Dimensions         | EUR   |
|----------|--|----------------------|--------------------|-------|
| 625 396  | Clearance block for wheel lifting straps (piece) | high density PU-foam | 250 x 120 x 114 mm | 17.50 |

## Rubber chocks

All-purpose rubber chocks, for safe vehicle lifting.  
Countless applications possible. Light and yet robust.



625 336



625 366



625 306 - Delivery incl. straps



| Code no. | Description                             | Dimensions                   | EUR   |
|----------|---|------------------------------|-------|
| 625 306  | Set of rubber chocks (2 pieces)         | L 300 x W 175 / 98 x H 65 mm | 81.50 |
| 625 336  | Rubber chock with wooden core (piece)   | L 200 x W 100 x H 70 mm      | 39.90 |
| 625 366  | Rubber chock with wooden core (1 piece) | L 200 x W 100 x H 40 mm      | 35.00 |





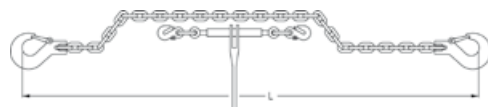
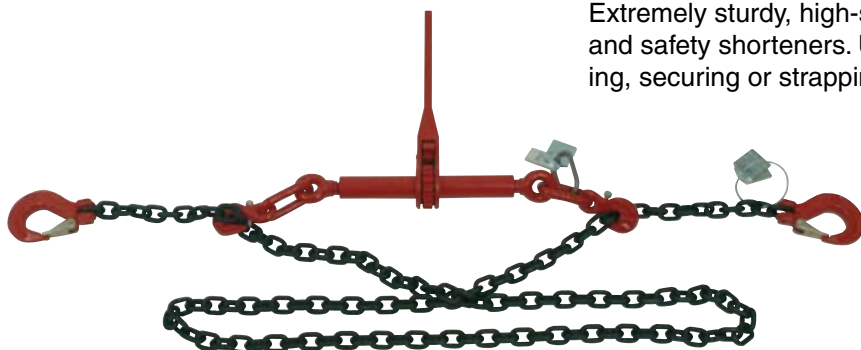
## Hook for containers and swap trailers

With eye for safe vertical lifting of swap trailers with container lockings, locked in vertical position.

| Code no. | Description    | Length | Ø     | Load cap.    | EUR   |
|----------|----------------|--------|-------|--------------|-------|
| 556 695  | Container hook | 280 mm | 70 mm | up to 12.5 t | 79.00 |

## Tie-down chains

Extremely sturdy, high-strength chains with ratchet, latched hook and safety shorteners. Universally applicable for e.g. unharnessing, securing or strapping. Pursuant to EN 12195-3.



| Code no. | Description    | Chain Ø | Length chain | Loading  | EUR    |
|----------|----------------|---------|--------------|----------|--------|
| 559 085  | Tie-down chain | 8 mm    | 3 m          | 4000 kg  | 124.00 |
| 559 105  | Tie-down chain | 10 mm   | 3 m          | 6300 kg  | 145.00 |
| 558 135  | Tie-down chain | 13 mm   | 3 m          | 10000 kg | 182.00 |
| 558 165  | Tie-down chain | 16 mm   | 3 m          | 16000 kg | 259.00 |



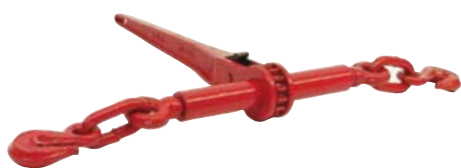
Grab hook with latch

## Tie-downs for HGV axles

This high-strength tie-down chain avoids a prohibited tensile loading at the connection between axle and leaf spring during towing operation. Easy handling thanks to the ratchet turnbuckle and the two chain strings with special loop hooks. The loop hooks allow the necessary tightening of both chain loops.



| Code no. | Description                             | Chain Ø | Length chain | Load    | EUR    |
|----------|---|---------|--------------|---------|--------|
| 558 805  | Tie-down chain wheel lift for HGV axles | 8 mm    | 2 x 1.75 m   | 3200 kg | 134.00 |
| 558 855  | Tie-down chain wheel lift for HGV axles | 10 mm   | 2 x 1.75 m   | 4800 kg | 152.00 |



## Ratchet turnbuckle

Thanks to the integrated chain shortener it is ideal for lashing heavy parts; hang in ends of chain, tighten - ready!

| Code no. | Description        | Dimensions              | For chain diameter | Load         | EUR   |
|----------|--------------------|-------------------------|--------------------|--------------|-------|
| 558 025  | Ratchet turnbuckle | L 390 x W 400 x H 70 mm | 8 - 10 mm          | bis 6400 kg  | 35.90 |
| 558 035  | Ratchet turnbuckle | L 390 x W 740 x H 70 mm | 13 - 16 mm         | bis 16000 kg | 65.90 |

## Universal shortener

Suitable for chain 10mm/quality class 8. Offers a very quick shortening alternative for chains.

Spring-loaded retaining catch which engages between the chain links. Only one shortener per chain necessary.

Pull the chain through the shortener - and ready!

556 786



556 866

Set  
13,00 EURO  
saved

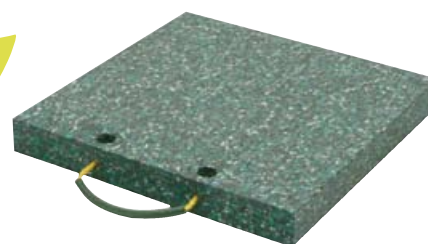
| Code no. | Description  | For chain diameter | Load cap.     | EUR    |
|----------|--|--------------------|---------------|--------|
| 556 786  | Universal shortener  | 10 mm              | up to 3150 kg | 115.00 |
| 556 866  | Complete kit: Universal shortener incl. chain 2 m, Ø 10 mm |                    |               | 129.00 |

| Code no. | Description | Chain Ø | Inner dimensions | Load cap. | EUR/m |
|----------|-------------|---------|------------------|-----------|-------|
| 556 025  | Chain       | 10 mm   | 13 x 36 mm       | 3150 kg   | 13.50 |

## Crane/hoist pads

Avoid sinking of crane or hoist feet. The pads consist of top-quality recycling material. Also suitable to protect paving or tarmac during crane or recovery work.

USEFUL



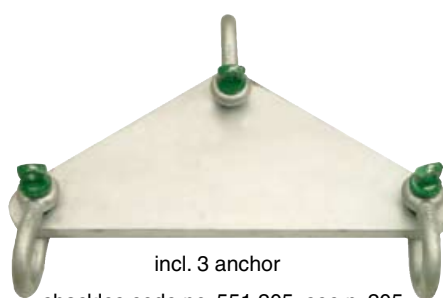
| Code no. | Description     | Height | Dimensions   | Loading | Weight  | EUR    |
|----------|-----------------|--------|--------------|---------|---------|--------|
| 962 005  | Crane/hoist pad | 40 mm  | 400 x 400 mm | 10 t    | 6.0 kg  | 54.00  |
| 962 105  | Crane/hoist pad | 40 mm  | 500 x 500 mm | 15 t    | 9.4 kg  | 74.00  |
| 962 205  | Crane/hoist pad | 40 mm  | 800 x 800 mm | 25 t    | 25.0 kg | 159.00 |
| 962 305  | Crane/hoist pad | 50 mm  | 500 x 500 mm | 20 t    | 11.9 kg | 84.00  |
| 962 405  | Crane/hoist pad | 60 mm  | 500 x 500 mm | 25 t    | 14.1 kg | 89.00  |
| 962 505  | Crane/hoist pad | 60 mm  | 800 x 800 mm | 35 t    | 36.5 kg | 209.00 |



## Lifting console for HGVs

To lift all kinds of commercial vehicles via blocked wheels. Set consists of lifting console and 3 high-strength anchor shackles. Stable, zinc-plated construction for a long lifetime.

In combination with the shortening chain (optional) you can lift damaged HGVs easily and quickly by their wheels.



incl. 3 anchor  
shackles code no. 551 205, see p. 205



| Code no. | Description                                  | Load cap. | Weight | EUR    |
|----------|--|-----------|--------|--------|
| 600 565  | Lifting console HGV, incl. 3 anchor shackles | 8000 kg   | 21 kg  | 179.00 |

Heavy-duty lifting strap,  
6 m long, 8 t capacity,  
code no. 510 705



Chain Ø 10 mm with shortening hooks  
at both ends.  
Code no. 557 065

ACCESSORY  
RECOMMENDATION

| Code no. | Description              | Working length | Direct loading | Load cap. | EUR    |
|----------|--------------------------|----------------|----------------|-----------|--------|
| 557 065  | Chain                    | 2 m            |                | 3150 kg   | 59.00  |
| 510 705  | Heavy-duty lifting sling |                | 8 t            |           | 149.00 |

## High-strength self-assembly chains

High-strength chains and components (quality category 8) for simple self-assembly according to requirements. Indestructible, rust-protected steel quality with easy handling - ideal for towing, lifting and securing.

### Short linked chains

short linked chain, fourfold safety factor, according to DIN/EN 818.



| Code no. | Chain Ø | Inner dimensions | Load cap. | EUR/m |
|----------|---------|------------------|-----------|-------|
| 556 015  | 8 mm    | 11 x 28 mm       | 2000 kg   | 10.50 |
| 556 025  | 10 mm   | 13 x 36 mm       | 3150 kg   | 13.50 |
| 556 035  | 13 mm   | 17 x 39 mm       | 5300 kg   | 20.90 |

### Universal component connector



Universal component connector with detachable bolt, e.g. as coupler for chain to hook, chain to chain, coupling ring to chain.

| Code no. | For chain diameter | Inner dimensions | Load cap. | EUR   |
|----------|--------------------|------------------|-----------|-------|
| 556 085  | 8 mm               | 56 x 19 mm       | 2000 kg   | 7.90  |
| 556 105  | 10 mm              | 71 x 23 mm       | 3150 kg   | 9.90  |
| 556 135  | 13 mm              | 86 x 26 mm       | 5300 kg   | 13.90 |

### Coupling ring



Coupling ring to produce 1 and 2-string chains, connection with universal component connector.  
(For 2-string chains always choose one no. higher.)

| Code no. | For chain diameter | Material thickness | Load cap. | EUR   |
|----------|--------------------|--------------------|-----------|-------|
| 556 225  | 8 mm               | 16 mm              | 2000 kg   | 7.50  |
| 556 245  | 10 mm              | 18 mm              | 3150 kg   | 9.20  |
| 556 265  | 13 mm              | 22 mm              | 5300 kg   | 13.90 |

### Clevis sling hook with safety latch



Clevis sling hook with safety latch, direct connection for chain.

| Code no. | For chain diameter | Throat opening | Load cap. | EUR   |
|----------|--------------------|----------------|-----------|-------|
| 556 325  | 8 mm               | 29 mm          | 2000 kg   | 12.90 |
| 556 345  | 10 mm              | 35 mm          | 3150 kg   | 16.90 |
| 556 365  | 13 mm              | 42 mm          | 5300 kg   | 29.90 |

### Clevis grab hook with direct connection (no connector necessary)



and safeguard  
Clevis grab hook.  
To hang back the chain or to hang in the chain.

| Code no. | For chain diameter | Throat opening | Load cap. | EUR   |
|----------|--------------------|----------------|-----------|-------|
| 556 815  | 8 mm               | 10 mm          | 2000 kg   | 12.00 |
| 556 835  | 10 mm              | 13 mm          | 3150 kg   | 15.00 |
| 556 855  | 13 mm              | 15 mm          | 5300 kg   | 24.50 |

### Eyed grab hook shortener



Eyed grab hook shortener.  
To connect with e.g. coupling ring by using universal component connector.

| Code no. | For chain diameter | Throat opening | Load cap. | EUR   |
|----------|--------------------|----------------|-----------|-------|
| 556 435  | 8 mm               | 10 mm          | 2000 kg   | 5.90  |
| 556 455  | 10 mm              | 13 mm          | 3150 kg   | 8.90  |
| 556 475  | 13 mm              | 15 mm          | 5300 kg   | 13.90 |

### Foundry hook eye



Eye slip hook with especially big throat. Ideal to hang in axle or roof.

| Code no. | For chain diameter | Throat opening | Load cap. | EUR   |
|----------|--------------------|----------------|-----------|-------|
| 556 525  | 8 mm               | 64 mm          | 2000 kg   | 14.90 |
| 556 545  | 10 mm              | 76 mm          | 3150 kg   | 21.90 |
| 556 565  | 13 mm              | 89 mm          | 5300 kg   | 39.90 |

### Grab link

An idea from practical experience: With this grab link you can adjust your chain to the needed length and tow the load. Or you can "divide" the chain and so tow from 2 points. High-strength, robust chain steel.



| Code no. | Description | For chain diameter | Load cap. | EUR   |
|----------|-------------|--------------------|-----------|-------|
| 558 505  | Grab link   | 10 mm              | 2900 kg   | 19.90 |



## High-strength chains

Ready made quality class 8 chains for immediate operations. Exceedingly robust and handy, for lifting, towing and securing. Highly rust-resistant thanks to hard-wearing surface refinement. Any length and type available up to capacity of 32 t per chain string upon request.

**EXCELLENT RUST PROTECTION THANKS  
TO XLL-PROTECTIVE COATING**

| Code no. | Chain<br>Ø | Working<br>length | Load cap. | EUR   |
|----------|------------|-------------------|-----------|-------|
| 557 035  | 8 mm       | 1 m               | 2000 kg   | 39.00 |
| 557 045  | 8 mm       | 2 m               | 2000 kg   | 49.00 |
| 557 055  | 10 mm      | 1 m               | 3150 kg   | 46.00 |
| 557 065  | 10 mm      | 2 m               | 3150 kg   | 59.00 |
| 557 085  | 13 mm      | 2 m               | 5300 kg   | 88.00 |

| Code no. | Chain<br>Ø | Working<br>length | Load cap. | EUR    |
|----------|------------|-------------------|-----------|--------|
| 557 135  | 8 mm       | 1 m               | 2000 kg   | 49.00  |
| 557 155  | 10 mm      | 1 m               | 3150 kg   | 59.00  |
| 557 165  | 10 mm      | 2 m               | 3150 kg   | 74.00  |
| 557 185  | 13 mm      | 3 m               | 5300 kg   | 148.00 |

| Code no. | Chain<br>Ø | Working<br>length | Load cap. | EUR    |
|----------|------------|-------------------|-----------|--------|
| 557 235  | 8 mm       | 1 m               | 2000 kg   | 51.00  |
| 557 245  | 8 mm       | 2 m               | 2000 kg   | 62.00  |
| 557 265  | 10 mm      | 2 m               | 3150 kg   | 79.00  |
| 557 275  | 13 mm      | 2 m               | 5300 kg   | 114.00 |
| 557 285  | 13 mm      | 3 m               | 5300 kg   | 135.00 |

| Code no. | Chain<br>Ø | Working<br>length | Load cap. | EUR    |
|----------|------------|-------------------|-----------|--------|
| 557 335  | 8 mm       | 1 m               | 2800 kg   | 83.00  |
| 557 345  | 8 mm       | 2 m               | 2800 kg   | 99.00  |
| 557 355  | 10 mm      | 1 m               | 4400 kg   | 114.00 |
| 557 365  | 10 mm      | 2 m               | 4400 kg   | 144.00 |
| 557 375  | 13 mm      | 2 m               | 7400 kg   | 185.00 |
| 557 385  | 13 mm      | 3 m               | 7400 kg   | 218.00 |

| Code no. | Chain<br>Ø | Working<br>length | Load cap. | EUR    |
|----------|------------|-------------------|-----------|--------|
| 557 445  | 8 mm       | 2 m               | 2800 kg   | 119.00 |
| 557 465  | 10 mm      | 2 m               | 4400 kg   | 163.00 |
| 557 485  | 13 mm      | 2 m               | 7400 kg   | 235.00 |

### Grab hooks on both ends



1-legged chain with grab hooks on both ends to form loops.

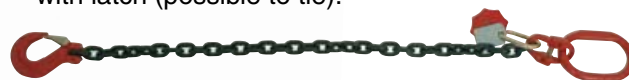
### Coupling ring and grab hook



1-legged chain with coupling ring and grab hook to form a loop.

### Coupling ring and sling hook with latch

1-legged chain with coupling ring and sling hook with latch (possible to tie).



### Coupling ring and sling hook with latch

2-legged chain with coupling ring and sling hooks with latches (possible to tie). Capacity valid for a spread angle of the strings up to 90°.



### Chain with coupling ring and latched sling hooks, adjustable in length

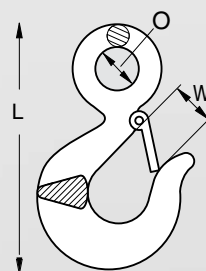
2-stringed chain with coupling ring and latched sling hooks, additionally adjustable in length. Capacity is valid for a spread-angle of the strings up to 90°.



### Sling hooks with safety latch

Sling hook with safety latch, high-strength, extra small design, with eye. Dip-coated with zinc-plated latch.

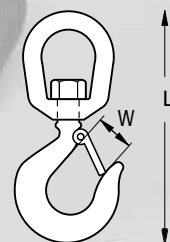
| Code no. | Description                  | Load cap. | L      | O     | Distance W | Weight  | EUR   |
|----------|------------------------------|-----------|--------|-------|------------|---------|-------|
| 553 105  | Sling hook with safety latch | 1250 kg   | 110 mm | 19 mm | 22 mm      | 0.24 kg | 7.90  |
| 553 125  | Sling hook with safety latch | 1600 kg   | 125 mm | 23 mm | 23 mm      | 0.36 kg | 10.60 |
| 553 145  | Sling hook with safety latch | 2500 kg   | 140 mm | 28 mm | 25 mm      | 0.50 kg | 12.90 |
| 553 165  | Sling hook with safety latch | 3200 kg   | 170 mm | 31 mm | 28 mm      | 0.77 kg | 18.90 |
| 553 185  | Sling hook with safety latch | 5400 kg   | 200 mm | 39 mm | 34 mm      | 1.50 kg | 29.70 |
| 553 205  | Sling hook with safety latch | 8000 kg   | 256 mm | 51 mm | 43 mm      | 3.00 kg | 52.90 |



### Sling hook with safety latch and pivoting eye

Sling hook with safety latch and pivoting eye, high-strength. Dip-coated with zinc-plated latch.

| Code no. | Description                                   | Load cap. | L      | Distance W | EUR   |
|----------|---|-----------|--------|------------|-------|
| 553 305  | Sling hook with safety latch and pivoting eye | 1250 kg   | 141 mm | 22 mm      | 15.30 |
| 553 325  | Sling hook with safety latch and pivoting eye | 1600 kg   | 169 mm | 23 mm      | 18.90 |
| 553 345  | Sling hook with safety latch and pivoting eye | 2500 kg   | 194 mm | 25 mm      | 23.90 |
| 553 365  | Sling hook with safety latch and pivoting eye | 3200 kg   | 207 mm | 28 mm      | 31.80 |
| 553 385  | Sling hook with safety latch and pivoting eye | 5400 kg   | 244 mm | 34 mm      | 48.00 |
| 553 405  | Sling hook with safety latch and pivoting eye | 8000 kg   | 316 mm | 43 mm      | 79.00 |

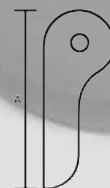


### Replacement safety latch kits

With screw, stop nut and spring

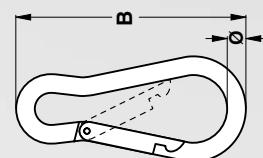


| Code no. | Description                  | Dimension A | For hooks    | EUR  |
|----------|------------------------------|-------------|--------------|------|
| 554 105  | Replacement safety latch kit | 39 mm       | 1250 kg      | 2.40 |
| 554 125  | Replacement safety latch kit | 43 mm       | 1600 kg      | 2.90 |
| 554 145  | Replacement safety latch kit | 50 mm       | 2500-3200 kg | 3.30 |
| 554 185  | Replacement safety latch kit | 60 mm       | 5400 kg      | 4.20 |
| 554 205  | Replacement safety latch kit | 75 mm       | 8000 kg      | 4.90 |



### Fire brigade snap hooks

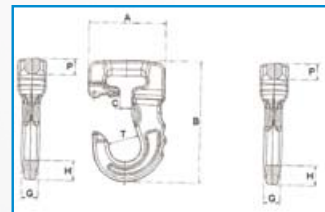
Similar to DIN 5299, form C with open eye, zinc-plated.



| Code no. | Description            | Ø     | Load cap. | B      | EUR  | from 10 pc. EUR |
|----------|------------------------|-------|-----------|--------|------|-----------------|
| 554 503  | Fire brigade snap hook | 6 mm  | 120 kg    | 60 mm  | 1.50 | 1.10            |
| 554 513  | Fire brigade snap hook | 8 mm  | 230 kg    | 80 mm  | 1.80 | 1.40            |
| 554 523  | Fire brigade snap hook | 10 mm | 350 kg    | 100 mm | 2.20 | 1.80            |
| 554 553  | Fire brigade snap hook | 13 mm | 600 kg    | 160 mm | 5.20 | 4.50            |

## Round sling hooks

Specially designed to accommodate textile straps and slings.



| Code no. | Load cap. | A      | B      | C     | G     | H     | P     | T     | Weight | EUR   |
|----------|-----------|--------|--------|-------|-------|-------|-------|-------|--------|-------|
| 556 905  | 1000 kg   | 78 mm  | 123 mm | 12 mm | 17 mm | 20 mm | 16 mm | 31 mm | 0.7 kg | 19.20 |
| 556 915  | 2000 kg   | 91 mm  | 148 mm | 19 mm | 21 mm | 26 mm | 17 mm | 40 mm | 1.2 kg | 24.50 |
| 556 925  | 3000 kg   | 113 mm | 175 mm | 21 mm | 25 mm | 32 mm | 25 mm | 50 mm | 2.2 kg | 40.70 |

## S-hook high-strength with eye

Robust hook for different purposes. Coated version.

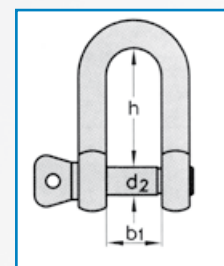


| Code no. | Description | Load cap. | A     | B      | C     | D     | EUR   |
|----------|-------------|-----------|-------|--------|-------|-------|-------|
| 500 725  | S-hook      | 500 kg    | 13 mm | 100 mm | 30 mm | 30 mm | 18.90 |

## Shackles

Shackle with bolt DIN 82101, form A, zinc-plated.

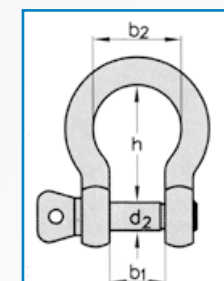
| Code no. | Description    | Loading | B1    | D2    | H      | Weight  | EUR   |
|----------|----------------|---------|-------|-------|--------|---------|-------|
| 550 045  | Shackle A-form | 400 kg  | 14 mm | 10 mm | 30 mm  | 0.09 kg | 1.40  |
| 550 065  | Shackle A-form | 630 kg  | 17 mm | 12 mm | 36 mm  | 0.17 kg | 1.70  |
| 550 085  | Shackle A-form | 1000 kg | 21 mm | 16 mm | 49 mm  | 0.36 kg | 2.70  |
| 550 105  | Shackle A-form | 1600 kg | 27 mm | 20 mm | 61 mm  | 0.75 kg | 3.40  |
| 550 125  | Shackle A-form | 2000 kg | 30 mm | 22 mm | 67 mm  | 1.00 kg | 4.40  |
| 550 145  | Shackle A-form | 2500 kg | 33 mm | 24 mm | 73 mm  | 1.32 kg | 5.80  |
| 550 165  | Shackle A-form | 3150 kg | 38 mm | 27 mm | 83 mm  | 1.80 kg | 7.80  |
| 550 185  | Shackle A-form | 4000 kg | 42 mm | 30 mm | 91 mm  | 2.40 kg | 10.40 |
| 550 205  | Shackle A-form | 5000 kg | 47 mm | 36 mm | 111 mm | 3.90 kg | 17.30 |
| 550 225  | Shackle A-form | 6300 kg | 53 mm | 39 mm | 119 mm | 5.30 kg | 20.50 |



## High-strength shackles

High-strength anchor shackle with bolt. Zinc-plated. Very compact.

| Code no. | Loading  | B1      | B2    | D2      | H        | Weight  | EUR   |
|----------|----------|---------|-------|---------|----------|---------|-------|
| 551 045  | 500 kg   | 12.7 mm | 20 mm | 7.9 mm  | 28.5 mm  | 0.05 kg | 1.60  |
| 551 065  | 750 kg   | 13.5 mm | 21 mm | 9.6 mm  | 31.0 mm  | 0.08 kg | 1.70  |
| 551 085  | 1000 kg  | 16.7 mm | 26 mm | 11.2 mm | 36.5 mm  | 0.14 kg | 2.00  |
| 551 105  | 1500 kg  | 18.3 mm | 29 mm | 12.7 mm | 43.0 mm  | 0.22 kg | 2.20  |
| 551 125  | 2000 kg  | 20.6 mm | 33 mm | 16.1 mm | 48.0 mm  | 0.34 kg | 2.60  |
| 551 145  | 3200 kg  | 27.0 mm | 43 mm | 19.0 mm | 60.5 mm  | 0.65 kg | 4.50  |
| 551 165  | 4750 kg  | 31.7 mm | 51 mm | 22.4 mm | 71.5 mm  | 1 kg    | 6.00  |
| 551 185  | 6500 kg  | 36.6 mm | 58 mm | 25.4 mm | 84.0 mm  | 1.50 kg | 8.90  |
| 551 205  | 8500 kg  | 43 mm   | 68 mm | 28.7 mm | 95.0 mm  | 2.40 kg | 11.00 |
| 551 225  | 9500 kg  | 46.0 mm | 74 mm | 31.8 mm | 108.0 mm | 3.20 kg | 17.50 |
| 551 245  | 12000 kg | 52 mm   | 82 mm | 36 mm   | 119 mm   | 4.20 kg | 22.80 |
| 551 265  | 17000 kg | 60 mm   | 94 mm | 42 mm   | 146 mm   | 7.80 kg | 35.70 |





## Screw-mount tie-down rings

Strong compact tie-down rings to screw-mount, in various load capacities.

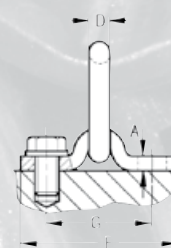
### Surface mount



553 111



553 025  
553 035  
553 075



| Code no. | Description   | Loading  | A     | B      | C     | D     | F      | G      | T     | Weight | EUR   |
|----------|---------------|----------|-------|--------|-------|-------|--------|--------|-------|--------|-------|
| 553 111  | Tie-down ring | 1500 kg  | 6 mm  | 84 mm  | 60 mm | 12 mm | 75 mm  | 52 mm  | 60 mm | 0.5 kg | 9.20  |
| 553 075  | Tie-down ring | 2000 kg  | 11 mm | 78 mm  | 50 mm | 14 mm | 98 mm  | 72 mm  | 55 mm | 0.8 kg | 29.90 |
| 553 025  | Tie-down ring | 6300 kg  | 13 mm | 86 mm  | 50 mm | 18 mm | 130 mm | 90 mm  | 53 mm | 1.2 kg | 27.90 |
| 553 035  | Tie-down ring | 10600 kg | 15 mm | 104 mm | 60 mm | 22 mm | 160 mm | 110 mm | 63 mm | 2.1 kg | 31.00 |

### Stainless steel surface mount design



553 131



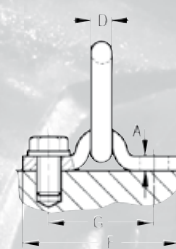
553 151



552 991

**STAINLESS  
STEEL**

**NEW**



| Code no. | Description                   | Loading | A    | B     | C     | D     | F     | G     | T     | Weight | EUR  |
|----------|-------------------------------|---------|------|-------|-------|-------|-------|-------|-------|--------|------|
| 553 131  | Stainless steel tie-down ring | 1000 kg | 4 mm | 50 mm | 30 mm | 10 mm | 90 mm | 60 mm | 37 mm | 0.2 kg | 6.40 |
| 553 151  | Stainless steel tie-down ring | 1500 kg | 6 mm | 50 mm | 30 mm | 10 mm | 90 mm | 62 mm | 37 mm | 0.2 kg | 7.70 |
| 552 991  | Rubber underlay               |         |      |       |       |       |       |       |       |        | 0.46 |

## Tie-down rings for welding

Extremely compact weld-on lashing ring



| Code no. | Description                | Loading  | A     | B     | C     | D     | E     | F      | T     | Weight | EUR   |
|----------|----------------------------|----------|-------|-------|-------|-------|-------|--------|-------|--------|-------|
| 553 085  | Tie-down rings for welding | 4000 kg  | 37 mm | 70 mm | 27 mm | 13 mm | 40 mm | 85 mm  | 41 mm | 0.4 kg | 12.50 |
| 553 055  | Tie-down rings for welding | 6300 kg  | 43 mm | 79 mm | 50 mm | 18 mm | 43 mm | 92 mm  | 53 mm | 0.8 kg | 15.60 |
| 553 065  | Tie-down rings for welding | 10600 kg | 56 mm | 99 mm | 60 mm | 22 mm | 60 mm | 111 mm | 63 mm | 1.3 kg | 23.00 |

### Flush mount

Strong compact tie-down rings to screw-mount, in various load capacities.

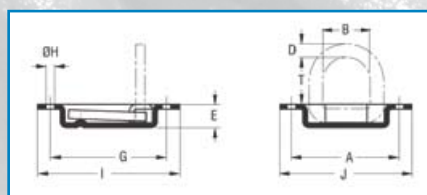
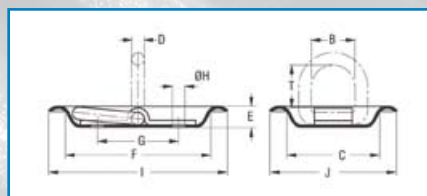
553 251



553 231  
with holding spring



553 221



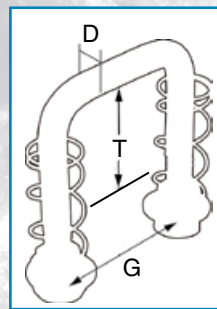
| Code no. | Description                    | Loading | C      | D     | F      | G     | T     | Weight | EUR  |
|----------|--------------------------------|---------|--------|-------|--------|-------|-------|--------|------|
| 553 251  | 180° countersunk tie-down ring | 800 kg  | 100 mm | 10 mm | 120 mm | 60 mm | 30 mm | 0.6 kg | 6.50 |
| 553 231  | Countersunk tie-down ring      | 730 kg  | 95 mm  | 12 mm | 100 mm | 79 mm | 33 mm | 0.4 kg | 4.90 |
| 553 221  | Countersunk tie-down ring      | 1100 kg | 114 mm | 12 mm | 123 mm | 83 mm | 35 mm | 0.5 kg | 6.80 |



## Stainless steel tie-down eyelets

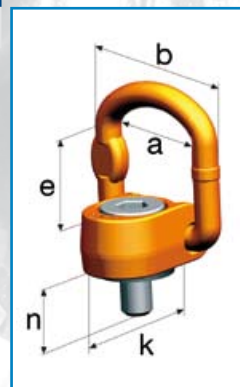
Stainless steel tie-down eyelets in stable design, only two screws required. Rattle-free due to stainless steel springs on both legs.

**STAINLESS  
STEEL**



| Code no. | Description      | Loading       | D     | G     | T     | Weight | EUR  |
|----------|------------------|---------------|-------|-------|-------|--------|------|
| 552 901  | Tie-down eyelets | up to 1000 kg | 10 mm | 60 mm | 23 mm | 0.1 kg | 8.90 |

**NO RATTLING,  
NO NOISE**



## Swivel tie-down

Universal tie-down ring, rotates 360°, tilts 180° and can be loaded in any direction. The spring-loaded ring can be held in place when not in use to avoid rattling.

| Code no. | Ø thread | Loading  | N     | A     | B      | E     | K      | Weight | EUR    |
|----------|----------|----------|-------|-------|--------|-------|--------|--------|--------|
| 559 205  | M 12     | 2000 kg  | 30 mm | 45 mm | 67 mm  | 44 mm | 55 mm  | 0.6 kg | 42.00  |
| 559 215  | M 16     | 3000 kg  | 30 mm | 45 mm | 67 mm  | 44 mm | 55 mm  | 0.6 kg | 44.50  |
| 559 225  | M 20     | 5000 kg  | 30 mm | 54 mm | 81 mm  | 57 mm | 67 mm  | 1 kg   | 51.90  |
| 559 235  | M 24     | 8000 kg  | 33 mm | 75 mm | 115 mm | 70 mm | 100 mm | 2.8 kg | 72.50  |
| 559 245  | M 30     | 12000 kg | 46 mm | 75 mm | 115 mm | 70 mm | 100 mm | 3.0 kg | 109.00 |

## Hydraulic bottle jacks

Very robust construction. Pistons are equipped with an extension spindle of 80 mm. The retracted height is only 195 mm (6 t jack), 250 mm (1 t jack), and 290 mm (20 t jack). Thanks to their compact design and the low weight they are very easy to transport.



| Code no. | Description           | Lift   | Load cap. | Weight  | EUR   |
|----------|-----------------------|--------|-----------|---------|-------|
| 430 806  | Hydraulic bottle jack | 127 mm | 6 t       | 4.5 kg  | 32.00 |
| 430 826  | Hydraulic bottle jack | 160 mm | 10 t      | 6.3 kg  | 39.00 |
| 430 846  | Hydraulic bottle jack | 164 mm | 20 t      | 11.5 kg | 63.00 |

## Axle stands

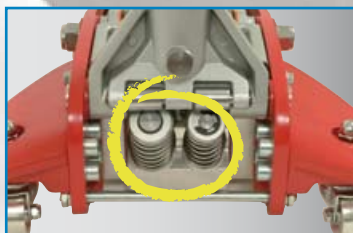
Stable construction, lifting capacity between 3 t and 12 t. New locking system by simply turning the locking bolt over, no pulling of plugs etc. necessary. No loose parts, which can corrode or stick. Nevertheless very reasonably priced. Delivered in pairs.



| Code no. | Description | Max. height | Min. height | Load cap. | Weight  | EUR/pair |
|----------|-------------|-------------|-------------|-----------|---------|----------|
| 429 505  | Axle stand  | 432 mm      | 292 mm      | 3 t       | 6.8 kg  | 19.00    |
| 429 525  | Axle stand  | 618 mm      | 390 mm      | 6 t       | 14.5 kg | 39.00    |
| 429 545  | Axle stand  | 700 mm      | 445 mm      | 12 t      | 26 kg   | 89.00    |

## Alu racing jack

This aluminium jack has a lifting capacity of 3 to. and an entry height of just 100 mm, making it ideal for lowered vehicles and heavy vehicles. The hydraulic cylinder with double pump system allows very quick full jacking in 6 - 7 strokes! Exact lowering is accomplished due to the high quality integrated knuckle joint. Castors and wheels contain ball bearings.

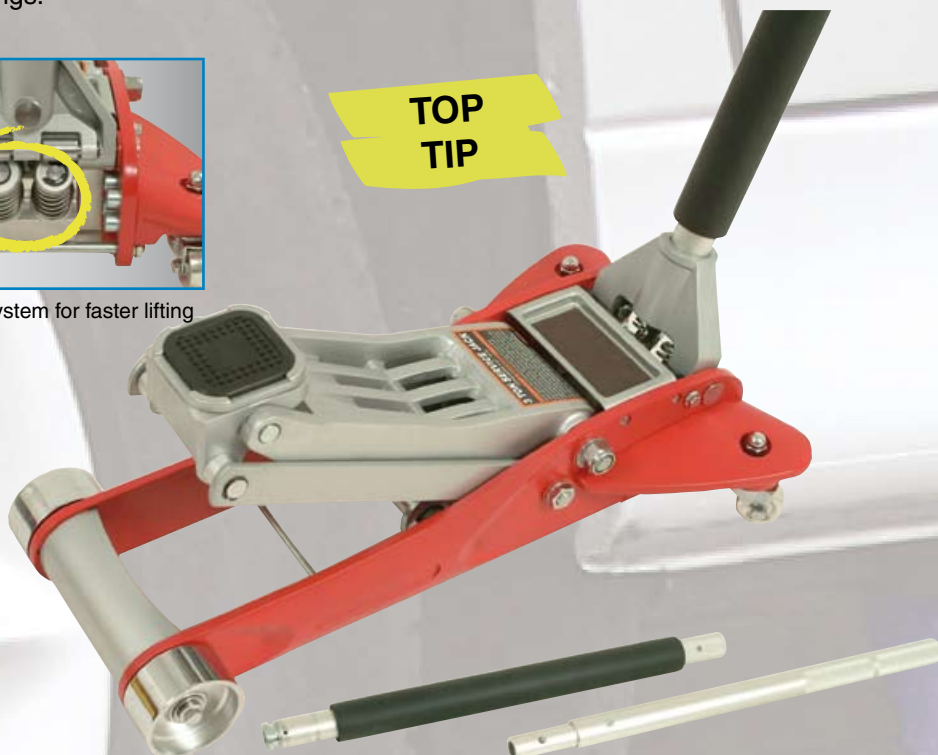


double pump system for faster lifting



only 100 mm entry height

**TOP  
TIP**



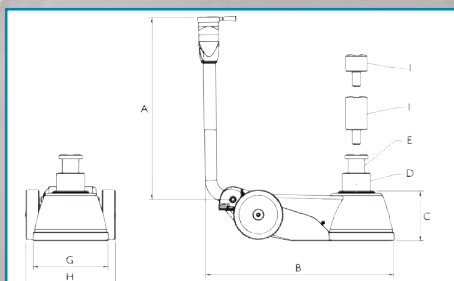
| Code no. | Description     | Max. height | Min. height | Load cap. | Weight  | EUR    |
|----------|-----------------|-------------|-------------|-----------|---------|--------|
| 430 945  | Alu Racing Jack | 465 mm      | 100 mm      | 3.0 t     | 33.0 kg | 279.00 |

## Portable, air-hydraulic jack

This portable, air-hydraulic jack is characterised by its marginal weight, its high power and its simple operation. Ideal for mobile services. Long lifetime thanks to chrome-plated piston rod, transportation lock and overload valve. Delivery incl. 2 extensions 50/100 mm.



incl. 2 extensions 50/100 mm



| A      | B      | C      | D               | E               | G      | H      |
|--------|--------|--------|-----------------|-----------------|--------|--------|
| 510 mm | 540 mm | 162 mm | bis 234 mm/25 t | bis 317 mm/10 t | 225 mm | 271 mm |

| Code no. | Load cap. with full height | Load cap. with half height | Weight | EUR      |
|----------|----------------------------|----------------------------|--------|----------|
| 430 986  | 10 t                       | 25 t                       | 25 kg  | 1,339.00 |

**WEIGHS ONLY 25 KG**

**ACCESSORY  
RECOMMENDATION**

| Code no. | Description             | EUR    |
|----------|-------------------------|--------|
| 430 966  | Piston extension 250 mm | 103.00 |



Piston extension  
250 mm

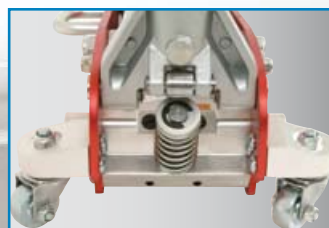


## Aluminium trolley jack

Extremely light aluminium trolley jack, perfect for lowered vehicles due to 85 mm entry height. Maximum height 445 mm, capacity 1.5 t. Minimum height 85 mm, maximum height 445 mm. The sectional handle is quickly assembled and disassembled thanks to the quick-engage system. A large rubber pad saddle secures and protects the vehicle to be jacked.



only 85 mm entry height



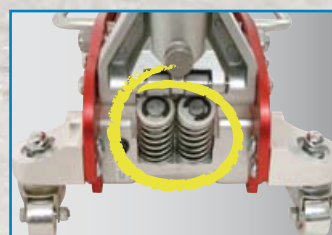
| Code no. | Description            | Max. height | Min. height | Load cap. | Weight | EUR    |
|----------|------------------------|-------------|-------------|-----------|--------|--------|
| 430 935  | Aluminium trolley jack | 445 mm      | 85 mm       | 1.5 t     | 17 kg  | 139.00 |

## Alu racing jack

The best under the aluminium trolley jacks! Low-weight, double-pump system for quick jacking up to max. 445 mm. The entry height of only 85 mm makes it ideal for lowered vehicles. The sectional handle is quickly assembled and disassembled thanks to the quick-engage system and the upper part of the sectional handle is scored for better grip. A large rubber padded saddle secures and protects the vehicle to be jacked.



Entry height only 85 mm



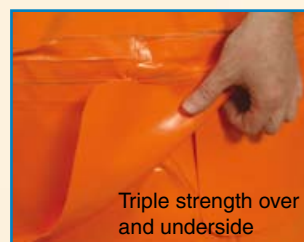
Faster lifting thanks to the double stroke system



| Code no. | Description     | Max. height | Min. height | Load cap. | Weight  | EUR    |
|----------|-----------------|-------------|-------------|-----------|---------|--------|
| 430 915  | Alu Racing Jack | 445 mm      | 85 mm       | 1.5 t     | 19.5 kg | 159.00 |

## Low-pressure air cushion

Air cushion for passenger cars and ATVs up to 4 to. Extremely light and manageable air cushion with reinforced, cold and damp resistant plastic. Operable despite low floor clearance and spongy ground conditions, serially with exhaust hose and anti-slip claws. Code no. 431 823: from high strength plastic, 3-way adjustable over and underside, reinforced edges and additional air valve for filling from HGV.



431 775



431 863



Contents of delivery 431 803

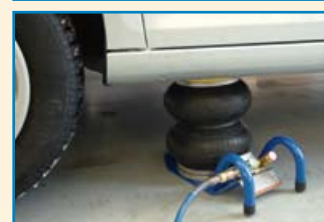
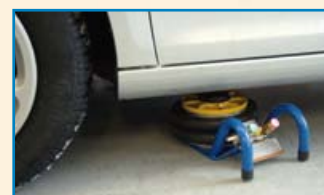


Contents of delivery 431 823

| Code no. | Description                                       | Version       | Lift height | Length | Hose length | EUR    |
|----------|---|---------------|-------------|--------|-------------|--------|
| 431 803  | Air cushion                                       | Standard      | 700 mm      |        | 5 m         | 99.00  |
| 431 823  | Air cushion                                       | High strength | 700 mm      |        | 6 m         | 139.00 |
| 431 775  | Spiral air line for HGV connection                |               |             | 10 m   |             | 39.90  |
| 431 863  | Hand valve incl. spiral cable (10 m) and coupling |               |             |        |             | 79.90  |

## Pneumatic jack

These jacks can be connected to the vehicles' air supply and are immediately ready for use. Loads of up to 2.5t. can be lifted with up to 8 bar pressure. A pressure-relief valve prevents damage. The jacks are compact, light and therefore easy to transport.



430 495 (delivered without jack)



430 485

| Code no. | Description    | Height | Max. height | Min. height | Load cap. | Weight | EUR    |
|----------|----------------|--------|-------------|-------------|-----------|--------|--------|
| 430 455  | Pneumatic jack |        | 340 mm      | 130 mm      | 2,5 t     | 13 kg  | 279.00 |
| 430 475  | Pneumatic jack |        | 465 mm      | 155 mm      | 2,5 t     | 16 kg  | 319.00 |
| 430 485  | Jack extension | 50 mm  |             |             |           |        | 45.00  |
| 430 495  | Jack extension | 100 mm |             |             |           |        | 48.00  |

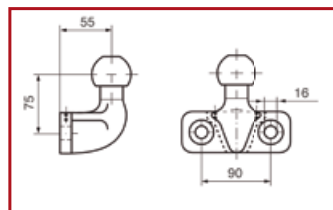
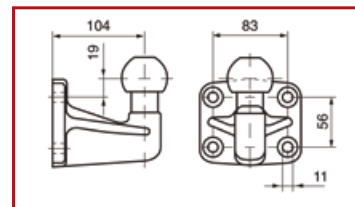


## Ball coupling / flange ball with EURO control stamp

To secure trailers on flatbeds or as an additional trailer pulling tool.



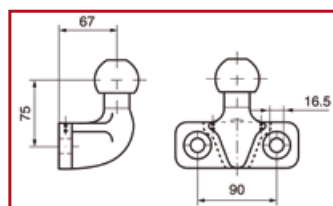
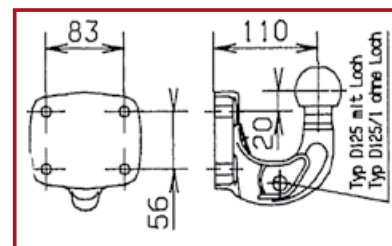
620 143



620 113



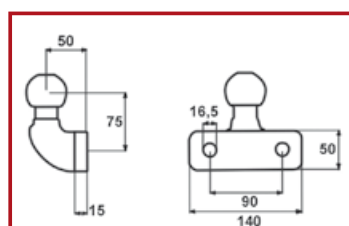
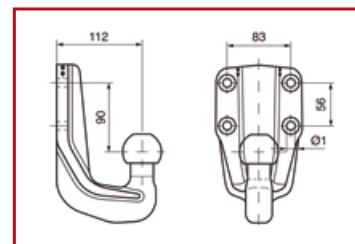
620 163



620 153



620 193

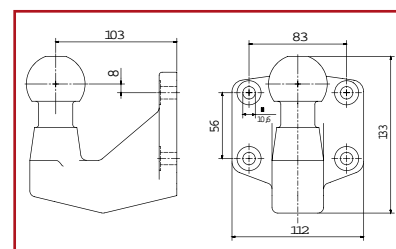


620 133

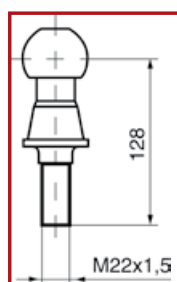
**NEW**



620 083



| Code no. | Description   | Hole picture | Supporting load | D-Value | EUR    |
|----------|---------------|--------------|-----------------|---------|--------|
| 620 113  | Ball coupling | 90 mm        | 205 kg          | 17 kN   | 24.90  |
| 620 153  | Ball coupling | 90 mm        | 150 kg          | 18.5 kN | 47.50  |
| 620 133  | Ball coupling | 90 mm        | 350 kg          | 31 kN   | 73.00  |
| 620 143  | Ball coupling | 83 x 56 mm   | 150 kg          | 22.7 kN | 61.90  |
| 620 163  | Ball coupling | 83 x 56 mm   | 120 kg          | 25 kN   | 99.00  |
| 620 193  | Ball coupling | 83 x 56 mm   | 200 kg          | 25 kN   | 109.00 |
| 620 083  | Ball coupling | 83 x 56 mm   | 150 kg          | 31 kN   | 73.90  |



620 077

## Ball coupling



620 127

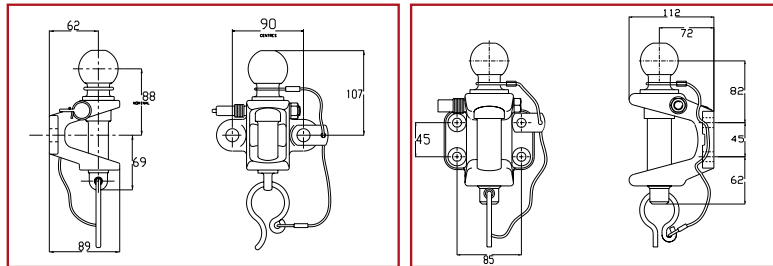
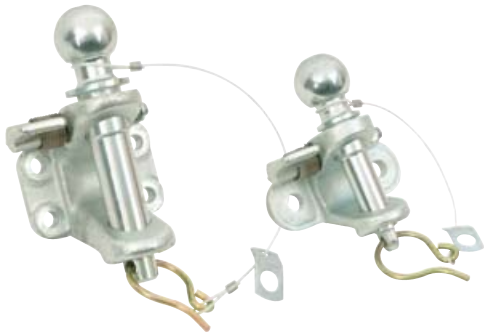
| Code no. | Description   | Version     | Supporting load | D-Value       | EUR   |
|----------|---------------|-------------|-----------------|---------------|-------|
| 620 127  | Ball coupling | blank       | 150 kg          | up to 18.8 kN | 15.00 |
| 620 077  | Ball coupling | zinc-plated | 150 kg          | up to 18.8 kN | 17.20 |



## Combi couplings

Combines ball coupling and bolt coupling in one device.

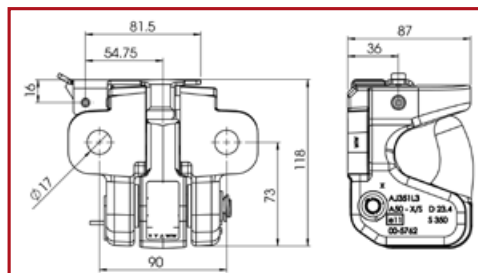
Ball coupling approved according to EC94/20 with high D-value and high load values. Spring-loaded unlocking device. Bolt coupling with cylindrical bolt ideal for all towing eyes of tow bars. Can also be mounted to a wheel lift without any problem. Made out of stable cast steel, zinc-plated.



| Code no. | Description    | Hole picture | Supporting load | D-Value  | EUR    |
|----------|----------------|--------------|-----------------|----------|--------|
| 620 703  | Combi coupling | 90 mm        | 200 kg          | 17 kN    | 89.00  |
| 620 723  | Combi coupling | 86 x 45 mm   | 350 kg          | 30.95 kN | 149.00 |

## Automatic combi coupling

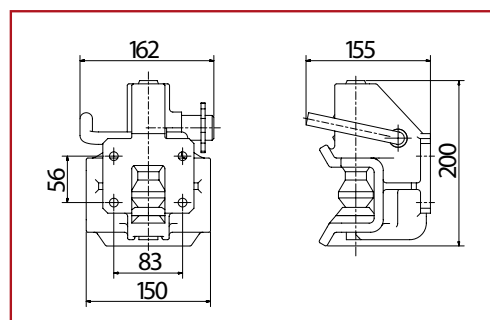
The ultimate in towing jaw technology, the AutoJaw enables automatic coupling and double locking. Max D Val according to EC Directive 94/20 is 23.41kN. Designed to accept British standard 30mm, 40mm and 50mm eyes. Ideal for offroad vehicles.



| Code no. | Description       | Hole picture | Supporting load | D-Value | EUR    |
|----------|-------------------|--------------|-----------------|---------|--------|
| 620 095  | Autojaw with ball | 90 mm        | 350 kg          | 23.4 kN | 169.00 |

## Bolt coupling

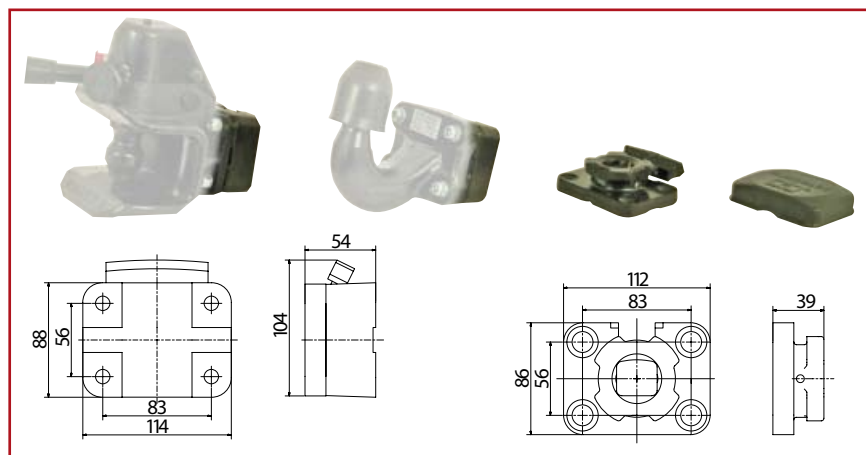
Automatic trailer coupling for towing eyes 40 according to DIN 74054. Master gauge for holes 83 x 56 mm.



| Code no. | Description   | Hole picture | Supporting load | D-Value     | EUR    |
|----------|---------------|--------------|-----------------|-------------|--------|
| 620 157  | Bolt coupling | 83 x 56 mm   | 250 kg          | up to 30 kN | 219.00 |

## VARIOBLOCK Coupling changing system from ROCKINGER

With the coupling changing system VARIOBLOCK you can choose between ball coupling, ROCKINGER bolt coupling and hook coupling with only one additional changing plate. It matches the whole palette of cross-country vehicles, buses, coaches, transporters and pickup trucks. The system consists of the base plate and the changing

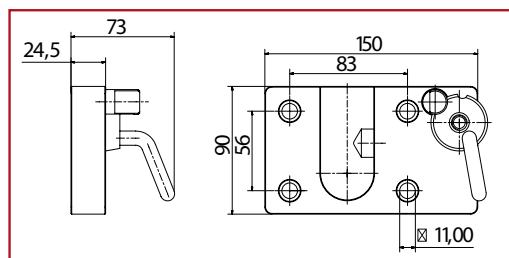


| Code no. | Description                          | Hole picture | Supporting load | D-Value     | EUR    |
|----------|--------------------------------------|--------------|-----------------|-------------|--------|
| 620 267  | Coupling changing system VARIOBLOCK  | 83 x 56 mm   | 250 kg          | up to 30 kN | 279.00 |
| 620 287  | Additional changing plate VARIOBLOCK |              | 250 kg          | up to 30 kN | 119.00 |

## Coupling changing system

With this coupling changing system you can choose between ball coupling and bolt coupling thanks to an additional changing plate.

The system consists of the base plate and the changing plate incl. screw kit and covering.



| Code no. | Description               | Hole picture | Supporting load | D-Value       | EUR    |
|----------|---------------------------|--------------|-----------------|---------------|--------|
| 620 167  | Coupling changing system  | 83 x 56 mm   | 120 kg          | up to 18.7 kN | 229.00 |
| 620 187  | Additional changing plate |              | 120 kg          | up to 18.7 kN | 105.50 |

## Trailer coupling

Trailer coupling ALBE EM 300, type BH, cast iron, approved for up to 3000 kg total weight. Universal hole pattern, adapter frame and assembly material. Suitable for all braked trailers with tow bar diameters of 45 mm and 50 mm e.g. Al-Ko, Knott, BPW, WAP, Westfalia, Peitz und Schlegel.

| Code no. | Description                             | EUR   |
|----------|---|-------|
| 611 343  | Trailer coupling with assembly material | 59.00 |



## Shunting and recovery aid for trailers

Practical aid for shunting, recovering and loading of trailers with hitch ball. It has to be locked into the hitch of the trailer and connected with the hook of the winch rope. Compact design (1.8 kg), easy to store.



| Code no. | Description                            | Traction force | Weight | EUR   |
|----------|--|----------------|--------|-------|
| 439 005  | Shunting and recovery aid for trailers | up to 3.5 t    | 1.8 kg | 29.90 |

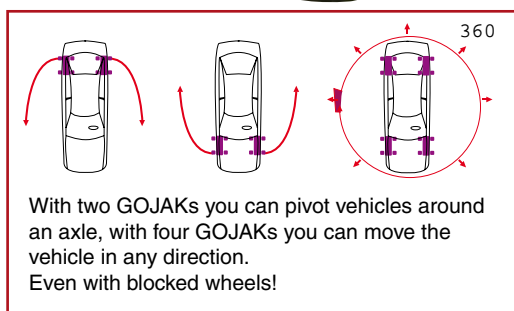


## GOJAK Autolift

Create space with GOJAK. Move vehicles in seconds. A solid steel construction in combination with double bearing castors stands for trouble-free, complete manoeuvrability. To move vehicles on solid ground such as showrooms. Pictures show right-handed GOJAKs! Spare parts available on request.

**TOP SELLER**

**THE ORIGINAL**



Towing services  
the large wheels and the upper positioning of the lifting mechanism make loading onto slidebeds a piece of cake. GOJAK helps you maximise your storage space.



Museums  
No worries when moving classic cars. The only thing that a GOJAK makes contact with is the tyre.



Showrooms  
comfortable placement of showroom vehicles on any showroom surface (wooden, tiled, carpeted etc.).  
Silent, emission-free and without damage!



Bodyshops and paint shops  
manoeuvre salvaged vehicles, slide vehicles sideways into sprayboxes and narrow spaces.



Multi-storey car parks and underground car parks  
Vehicle opening unnecessary. Steering locks or activated handbrakes are no obstructions for a GOJAK.



## GOJAK 6200

The improved model 6200 is able to jack vehicle weights to 6,200 lbs. (1,550 lbs. per wheel). Larger outer wheels and the placement of the lifting mechanism above the rollers makes loading onto slidebeds even easier. Available as right hand or left hand version, and suitable for tyres up to 13 inches (330 mm) wide.



Model 6200

## GOJAK 5000

To move vehicles on showroom floors and solid ground. Use GOJAK for space-saving placement of vehicles on your premises. Suitable for tyres up to 9 inches (225 mm) wide.



Model 5000

## GOJAK 4500

Model 4500 was developed for the race car industry, and is therefore perfect for vehicles with low clearance and wheels up to 20 inches (500mm) wide.



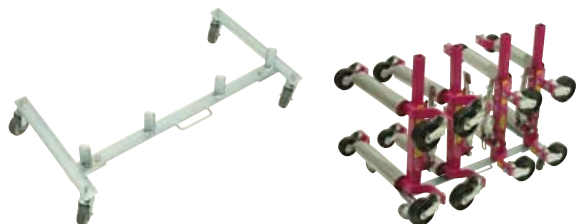
145mm

Model 4500

| Code no. | Description | Tyre width   | Wheel Ø    | Load cap.    | Speed         | EUR    | from 4 pc. EUR |
|----------|-------------|--------------|------------|--------------|---------------|--------|----------------|
| 410 005  | GOJAK 4500  | up to 400 mm | 73 mm      | up to 506 kg | up to 10 km/h | 220.00 | 199.00         |
| 410 015  | GOJAK 5000  | up to 225 mm | 100 mm     | up to 565 kg | up to 10 km/h | 195.00 | 175.00         |
| 410 065  | GOJAK 6200  | up to 320 mm | 100/125 mm | up to 705 kg | up to 10 km/h | 259.00 | 235.00         |

## GOJAK Rack

Suitable for all types! For portable storage of maximum four GOJAKs. Steel, galvanised. (Delivery without GOJAKs)



## ACCESSORY RECOMMENDATION



Loading aid for wheel dollies,  
page 218



| Code no. | Description                           | Width  | Length | Weight | EUR   | EUR/pair |
|----------|---------------------------------------|--------|--------|--------|-------|----------|
| 482 907  | Loading aid for wheel dollies, 1 pair | 700 mm | 250 mm | 7 kg   |       | 78.00    |
| 482 917  | Loading aid for wheel dollies, 1 pair |        | 250 mm | 10 kg  |       | 89.00    |
| 410 025  | GOJAK Rack                            |        |        |        | 70.00 |          |

## Loading aid for wheel dollies

An easy and comfortable aid for bridging gaps.



**A MUST-HAVE**



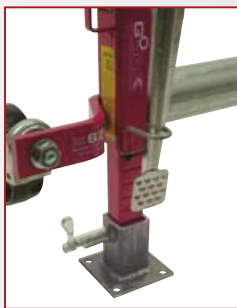
| Code no. | Description                           | Width   | Length | Weight | EUR/pair |
|----------|---------------------------------------|---------|--------|--------|----------|
| 482 907  | Loading aid for wheel dollies, 1 pair | 700 mm  | 250 mm | 7 kg   | 78.00    |
| 482 917  | Loading aid for wheel dollies, 1 pair | 1000 mm | 250 mm | 10 kg  | 89.00    |



410 705



410 715



## GOJAK retainers for flatbed trucks

In different versions, compatible for GOJAK 4500, 5000 and 6200. These retainers are particularly appropriate for vertical storage on spectacle lift trucks.

| Code no. | Description                                  | EUR   |
|----------|--|-------|
| 410 705  | Retainer for side installation, zinc-plated  | 32.00 |
| 410 715  | Retainer for floor installation, zinc-plated | 32.00 |

## GOJAK twin holder

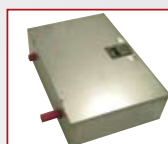
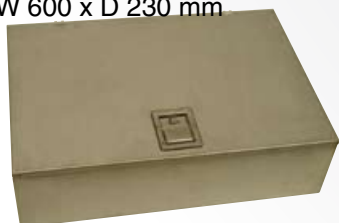
Compatible for GOJAK 5000 and 6200. Twin holder made out of aluminium, with tension lock for 2 GOJAKS. Quick and simple removal. Dimensions: 1270 x 640 mm



| Code no. | Description           | EUR    |
|----------|-----------------------|--------|
| 410 755  | Twin holder aluminium | 169.00 |

## GOJAK storage box

The stainless steel storage box is made for 1 pair (left/right) of GOJAKS, suitable for underfloor mounting on flatbed trucks. Storage box made out of stainless steel, with 2 rear holes for the GOJAK frames, for a better clearance if mounted underfloor of slidebeds. Dimensions: L 920 x W 600 x D 230 mm



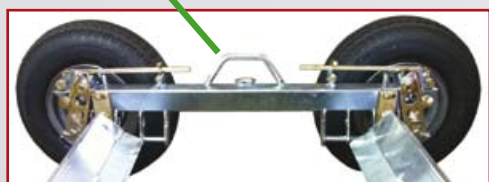
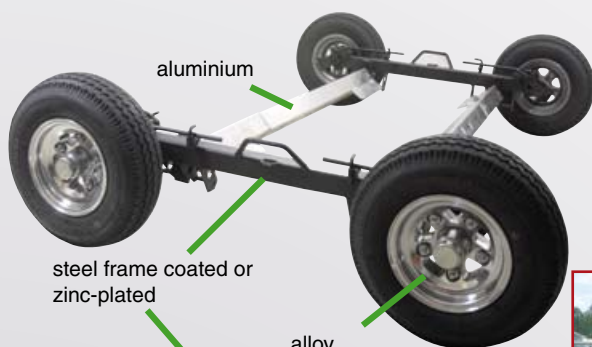
| Code no. | Description                 | EUR    |
|----------|-----------------------------|--------|
| 410 785  | Stainless steel storage box | 309.00 |



**NOW AVAILABLE IN A REINFORCED VERSION**

## Dolly Ultra-Light

Use this self-loading dolly to load vehicles without the use of lifting gear. The dolly is ready for use in just a few moves. The aluminium telescopic bars guarantee an optimal operating width. This dolly can be employed with all spectacle lift trucks, vehicles with automatic gearbox or 4-wheel-drive as well as with vehicles with blocked wheels. These can also be towed quickly and securely for long distances. The dolly carries axle loads up to 1200 kg and can operate with up to 90 km/h.



Position telescopic bars



Place dolly



Lift with pry bar



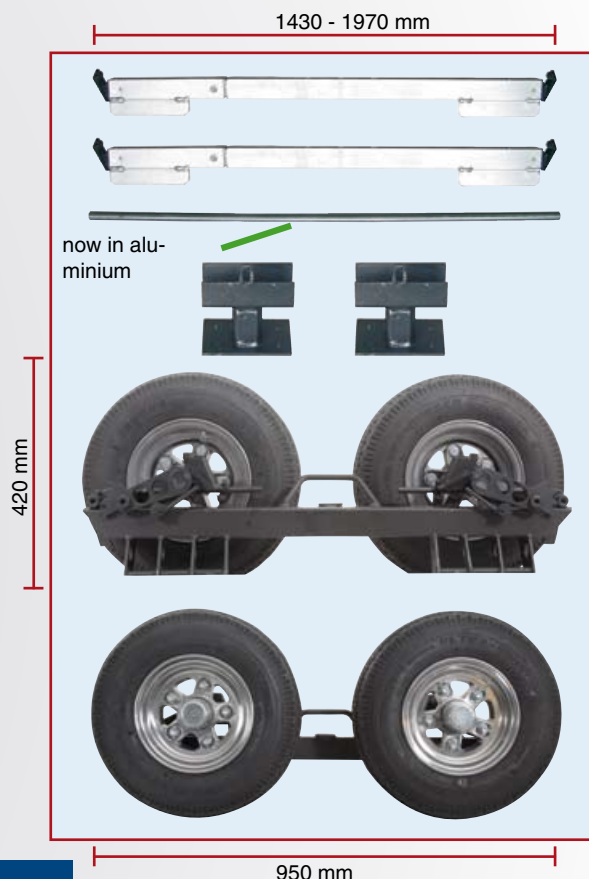
Secure vehicle with strap



Wheel tie-down strap  
(code-no. 500 225, see page 198)



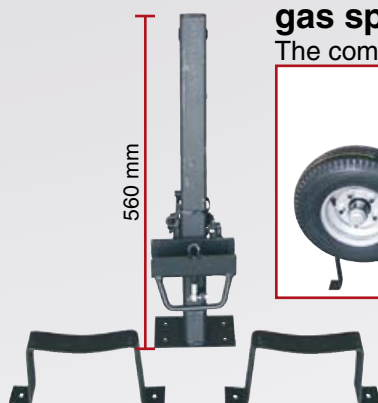
View the product video:  
[www.towing.de](http://www.towing.de)



| Code no. | Description | Version       | Load cap.     | Speed         | EUR/set  |
|----------|-------------|---------------|---------------|---------------|----------|
| 405 605  | Dolly       | primer coated | up to 1200 kg | up to 90 km/h | 1,298.00 |
| 405 625  | Dolly       | zinc-plated   | up to 1200 kg | up to 90 km/h | 1,418.00 |

## Swivel holder with gas spring

The comfortable solution to



| Code no. | Description       | EUR/set |
|----------|-------------------|---------|
| 405 657  | Swivel holder kit | 499.00  |

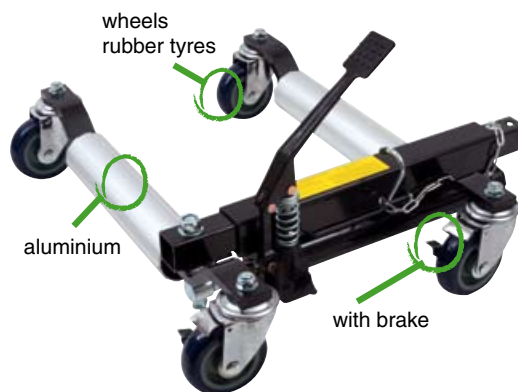




### IMPROVED DESIGN

#### Hydraulic Autolift

Move vehicles comfortably on even surfaces indoors e.g. in the garage or showroom. Suitable for tyre widths up to 300 mm.



| Code no. | Description        | Wheel Ø | Load cap. | Speed        | EUR   |
|----------|--------------------|---------|-----------|--------------|-------|
| 409 905  | Hydraulic Autolift | 100 mm  | 680 kg    | up to 5 km/h | 98.00 |

#### Wheel dollies

The ideal help for car dealerships and body shops to move vehicles on even floors. They have stable, 360° rotating ball bearing wheels for best manoeuvrability. For tyre widths up to 360 mm. Sold in pairs.



*ProLux version:  
only available from  
us with larger  
and higher quality  
wheels!*



| Code no. | Description   | Tyre width   | Wheel Ø | Speed         | Load cap./pair | EUR/pair |
|----------|---------------|--------------|---------|---------------|----------------|----------|
| 409 955  | Wheel dollies | up to 360 mm | 90 mm   | up to 10 km/h | 900 kg         | 99.00    |

#### Wheel dollies

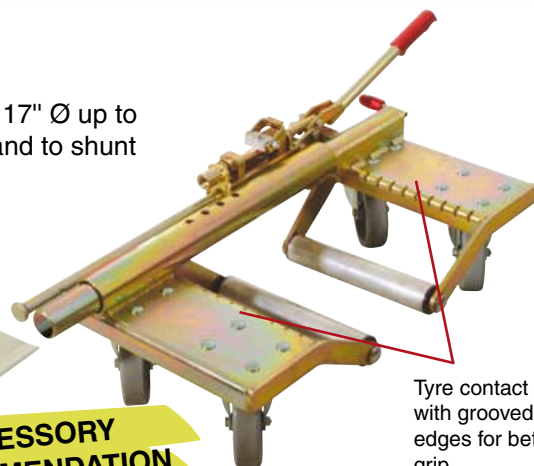
The robust wheel dolly securely fits all car wheels between 10" and 17" Ø up to a tyre width of 250 mm. It is very suitable to tow cars onto flatbeds and to shunt vehicles off of kerbs. Slide-in height 130 mm.



Loading aid for wheel dollies, page 218



### ACCESSORY RECOMMENDATION



Tyre contact area with grooved edges for better grip

| Code no. | Description | Wheel Ø | Load cap.    | Speed         | EUR    |
|----------|-------------|---------|--------------|---------------|--------|
| 400 757  | Wheel dolly | 100 mm  | up to 800 kg | up to 10 km/h | 479.00 |



#### Slalom Autolift

The Slalom Autolift is especially suitable for operations with only very narrow rolling surface. Track width only 210 mm. Wheel mount up to max. 225 mm tyre width possible.



| Code no. | Description           | Wheel Ø | Load cap. | Speed         | EUR    | from 4 pc. EUR |
|----------|-----------------------|---------|-----------|---------------|--------|----------------|
| 410 095  | Autolift Slalom 388/A | 80 mm   | 500 kg    | up to 10 km/h | 285.00 | 265.00         |

## Self-loading dolly "Blitz"

Very stable self-loading dolly with new robust chain tension device. Suitable for car wheels between 10" and 18" Ø and a tyre width up to 265 mm. Simple handling thanks to long clamping lever, robust locking mechanism. Long lifetime thanks to zinc-plated chassis and extra broad wheels. DEKRA-tested.



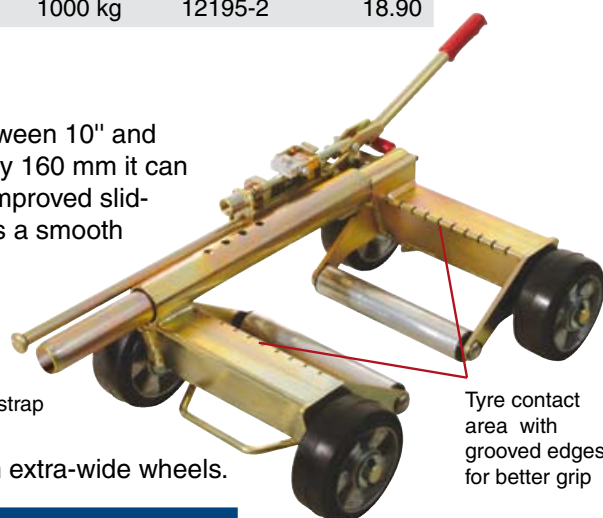
**ACCESSORY  
RECOMMENDATION**



| Code no. | Description                      | Wheel Ø | Load cap.    | Speed         | EUR    |
|----------|----------------------------------|---------|--------------|---------------|--------|
| 400 905  | Self-loading dolly "Blitz"       | 160 mm  | up to 650 kg | up to 60 km/h | 489.00 |
| Code no. | Description                      | Width   | Loading      | EN            | EUR    |
| 500 515  | Tie-down strap for wheel dollies | 35 mm   | 1000 kg      | 12195-2       | 18.90  |

## Tow dollies

The very robust towing dolly securely fits all vehicle wheels between 10" and 17" Ø up to a tyre width of 250 mm. With a slide-in height of only 160 mm it can quickly and easily be pushed under every passenger car. The improved sliding bushing system for the lift and lower mechanism guarantees a smooth operation.



incl. tie-down strap

With extra-wide wheels.

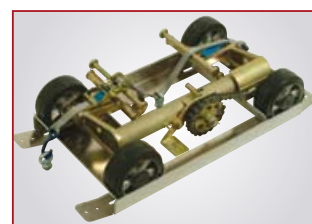
Tyre contact area with grooved edges for better grip

| Code no. | Description | Wheel Ø | Load cap.     | Speed         | EUR    |
|----------|-------------|---------|---------------|---------------|--------|
| 400 607  | Tow dolly   | 160 mm  | up to 1000 kg | up to 60 km/h | 515.00 |



## Tow dolly holders

All standard tow dollies can be safely transported with this holder which is adjustable in length and height. Stable aluminium profile, incl. mounting screws and securing strap.



| Code no. | Description      | EUR/pair |
|----------|------------------|----------|
| 400 564  | Tow dolly holder | 239.00   |

## Spare wheels for dollies

Heavy load wheels suitable for our (see code nos.) and many other tow dollies. Delivery complete with wheel bearings.



| Code no. | Fits                                   | Wheel width | Hub width | Ø Axle | Wheel Ø | EUR   |
|----------|--|-------------|-----------|--------|---------|-------|
| 400 513  | 400 507 ( - 2003)                      | 50 mm       | 60 mm     | 25 mm  | 160 mm  | 39.90 |
| 400 613  | 400 607 (2003 - )<br>400 905 (2011 - ) | 65 mm       | 65 mm     | 25 mm  | 160 mm  | 45.90 |
| 400 813  | 400 807 ( - 2004)                      | 50 mm       | 60 mm     | 20 mm  | 160 mm  | 39.90 |
| 400 933  | 400 905                                | 65 mm       | 65 mm     | 20 mm  | 160 mm  | 45.90 |



**SO MANY  
USES!**

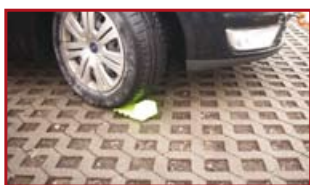
## Towing skates

Towing skates are ideal for loading and unloading vehicles with blocked wheels. Simply pull the vehicle onto the skates or hit the skates underneath the tyres with a rubber mallet. The skates can be locked together.



Depression for brake discs

Use two additional skates as a loading aid for your flatbed.



Moving vehicles with blocked wheels on grass paving blocks only works with towing skates.



Pull onto flatbed in a straight line even with steering lock on!



Reduce loss!  
Neon yellow skates won't be left behind in the dark.



Need more width? Just join skates together!

| Code no. | Description               | Colour      | EUR/set | from 5 sets EUR |
|----------|---------------------------|-------------|---------|-----------------|
| 625 007  | Towing skate set (4 pcs.) | Black       | 99.00   | 94.50           |
| 625 017  | Towing skate set (4 pcs.) | Neon yellow | 99.00   | 94.50           |

## Wheel adapter and compatible emergency wheel

Suitable for loading vehicles, campers and trailers with defective or missing wheel. Available for 4-hole and 5-hole wheel fixings of diverse vehicle brands. Compatible on brake disc and brake drum. Zinc-plated.

Spare wheel with tyre, universally suitable for 4-hole and 5-hole wheel adaptor. With diverse wheel fixing screws, nuts and discs in different sizes.



405 085



405 015



405 045



405 095



| Code no. | Description  | EUR/set | EUR    |
|----------|--|---------|--------|
| 405 015  | Wheel adaptor for 4-hole-hub   |         | 74.00  |
| 405 045  | Wheel adaptor for 5-hole-hub   |         | 79.00  |
| 405 085  | Space saver spare wheel, suitable for wheel adaptor 4-hole/5-hole, assembly kit included |         | 209.00 |
| 405 095  | Assembly kit for wheel adapter/emergency wheel (spare part)                              | 39.60   |        |



## Forklift vehicle mover

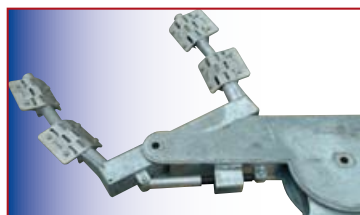
Use your forklift to safely move vehicles. Easy loading, use of straps and chains possible. Spring-loaded specs and cross-beam return automatically to their original positions.

**TOP  
TIP**

### ORGANISE YOUR CARS!

Space is a valuable commodity, and there never seems to be enough. Optimise your available space with the forklift vehicle mover - save time, space, and money!

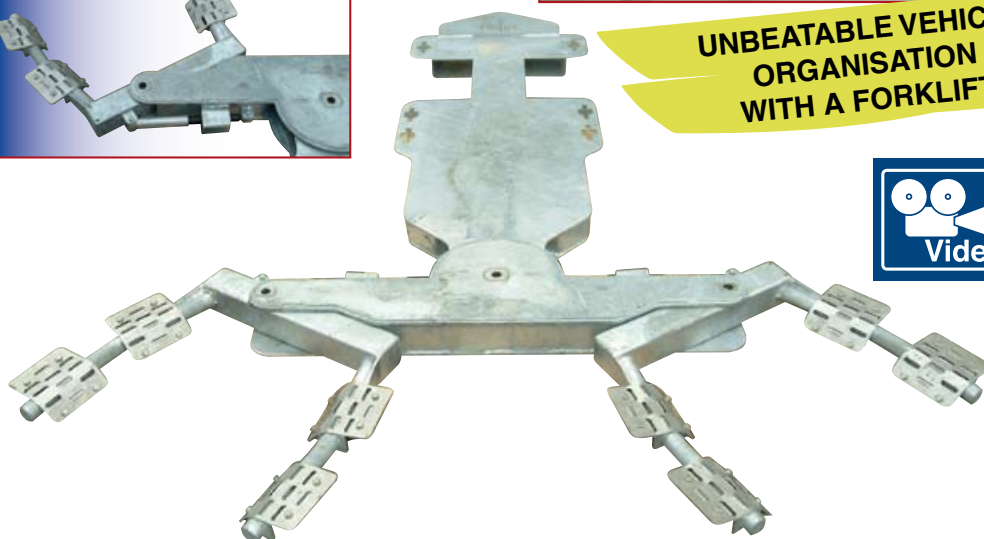
Simply drive the forks into the frame and you are able to move vehicles immediately, as further securing is unnecessary!



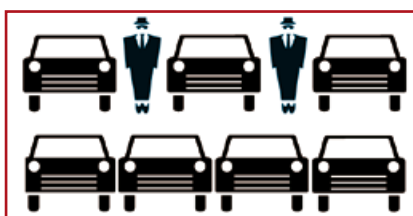
### UNBEATABLE VEHICLE ORGANISATION WITH A FORKLIFT



View the product video:  
[www.towing.de](http://www.towing.de)



The solution for quick and simple positioning in confined space! With the forklift vehicle mover you can position vehicles extremely close to each other, as there is no necessity to open doors. A cost-effective, space and time-saving organisation method which will clearly increase your efficiency. Our improved model with shorter leverage means you can now move heavier vehicles even with a small forklift.



No space required for opening doors!

| Code no. | Description            | Load cap. | EUR      |
|----------|------------------------|-----------|----------|
| 405 805  | Forklift vehicle mover | 2500 kg   | 1,990.00 |

## Widrod professional tow bar

Absolutely vital for your service vehicles. No-risk towing in car parks even for vehicles with spoiler or lowered suspension. Tow bar can comfortably pull up to 3.5 to. TÜV/GS approved. Patented hook-up system (towing hook rotates infinitely) to avoid working underneath the car. Includes carry bag.



incl. transportation

910 mm

910 mm

930 mm

900 mm

295 mm

Hook on without kneeling!



Shaped section for damage-free towing on inclines



| Code no. | Description          | Traction force | Weight        | EUR    |
|----------|----------------------|----------------|---------------|--------|
| 900 107  | Professional tow bar | up to 3.5 t    | approx. 15 kg | 229.00 |

## Telematic tow bar

One-man operation thanks to a unique length fitting system. Suitable for vehicle weights up to 5 t. Secure push-button locking mechanism, which snaps in automatically when lead vehicle launches. Made out of stainless steel square tubing, precisely interlocking. Towing hook rotates infinitely. TÜV and GS approved.



1280 mm

READY IN SECONDS



Premium operation: Hook in, pull out, connect - ready! Snaps in automatically when driving away.

| Code no. | Description       | Length  | Traction force | Weight       | EUR    |
|----------|-------------------|---------|----------------|--------------|--------|
| 900 197  | Telematic tow bar | 1280 mm | up to 5 t      | approx. 9 kg | 385.00 |



## Combi tow bar up to 5 to.

Two-piece tow bar for vans and buses, traction force up to 5 to., with continuously adjustable lock for vehicle relief when towing. Suitable for horizontally and vertically fixed towing lugs. Complete length 1900 mm, length disassembled 1000 mm.



900 326  
coupler for HGV



900 306



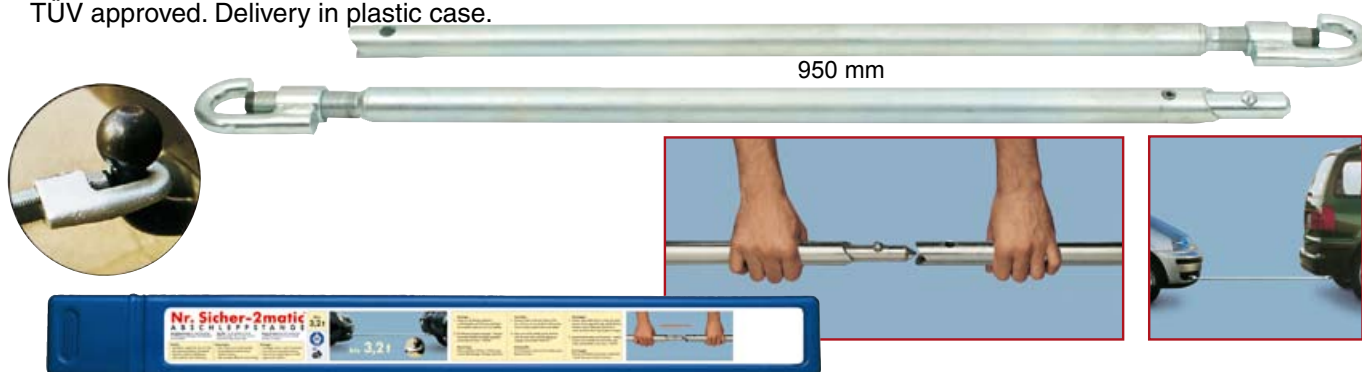
900 316  
One-hand-coupler

| Code no. | Description                           | Traction force | Weight         | EUR    |
|----------|---------------------------------------|----------------|----------------|--------|
| 900 306  | Combi tow bar                         | up to 5 t      | approx. 11 kg  | 239.00 |
| 900 316  | One-hand-coupler for car tow bar      | up to 3.5 t    | approx. 5 kg   | 145.00 |
| 900 326  | Coupler for HGV, 40 mm inner diameter | up to 5 t      | approx. 1.6 kg | 69.00  |



## Passenger car/Van tow rods

The ideal tow bar for all car dealers and garages. Two-piece tow bar, zinc-plated, screw-hooks on both ends, enabling jolt-free connection. Suitable for most car and van towing lugs and hitches. Quickly and easily mounted thanks to spring button locking. Two versions available, appropriate for vans up to 4.6 t. TÜV approved. Delivery in plastic case.



| Code no. | Description           | Length | Working length | Traction force | Weight         | EUR    |
|----------|-----------------------|--------|----------------|----------------|----------------|--------|
| 900 176  | Passenger car tow rod | 0.95 m | 1.8 m          | up to 3.2 t    | approx. 5.5 kg | 57.00  |
| 900 186  | Tow rod for vans      | 0.95 m | 1.8 m          | up to 4.6 t    | approx. 8 kg   | 104.00 |



## Tow rope

Elastic tow rope, length 1.75 up to max. 4.0 m, permitted up to 3000 kg, with 2 latched hooks, TÜV approved.

| Code no. | Description | Length       | Loading | EUR   |
|----------|-------------|--------------|---------|-------|
| 900 054  | Tow rope    | 1.75 - 4.0 m | 3 t     | 19.90 |

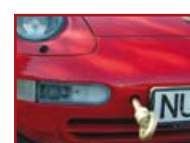


## Case of towing lugs

The ideal solution for vehicles with removable towing lugs.

More and more vehicles of the new generation are equipped with removable towing lugs. This can cause problems during recovery operation if the towing lug cannot be found or is stored in the car boot under luggage.

Another problem is the quality of the original towing lugs as very often they cannot cope with the incurred forces.



Our adapter hooks are made out of zinc-plated high-strength steel. The collapse load is tested up to 6 t. The adapter parts are ready for operation in seconds and thanks to their snap-in function secure to handle. With the enclosed list you will easily find the adequate towing lug for



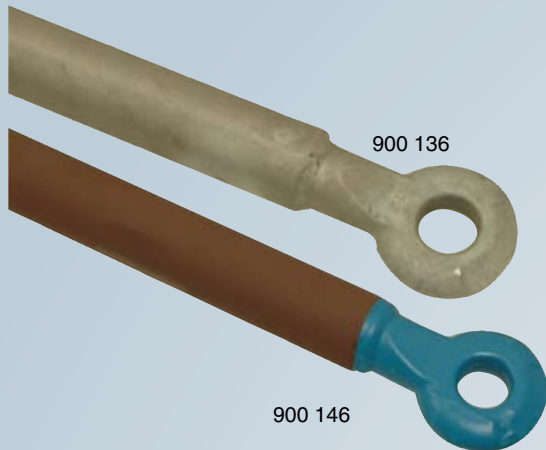
| Code no. | Description         | Dimensions               | EUR    |
|----------|---------------------|--------------------------|--------|
| 553 915  | Case of towing lugs | L 400 x W 300 x H 110 mm | 299.00 |



All tow poles conform to EU directive 96/64/EG and 77/389/EWG

### HGV tow rods

Pressure and tension tested, for shunting and towing HGVs. The towing lugs have an inner diameter of 40 mm.



| Code no. | Description  | Version | Length  | Traction force | EUR   |
|----------|--------------|---------|---------|----------------|-------|
| 900 146  | HGV tow rods | primed  | 2500 mm | 32 t           | 88.00 |

| Code no. | Description                                | EUR   |
|----------|--|-------|
| 900 304  | Tow rod holder Ø 40 mm, hot-dip galvanised | 12.00 |

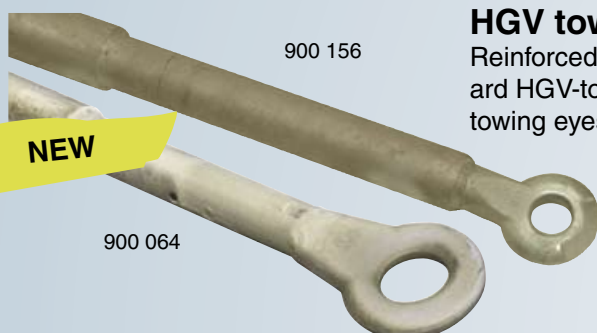


900 304

Tow rod holder, hot-dip galvanised

### HGV tow rod for professionals

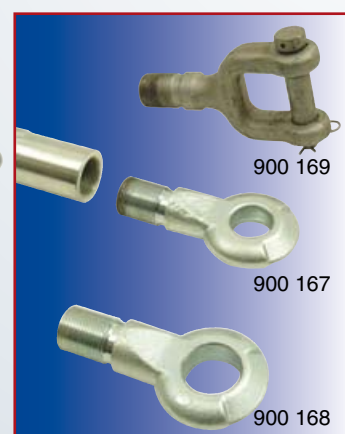
Reinforced construction with 3x higher buckling strength than standard HGV-tow rods with only 50% more weight. Both sides with 40 mm towing eyes, hot-dip galvanised.



| Code no. | Description                                       | Type          | Length  | Traction force | EUR    |
|----------|---|---------------|---------|----------------|--------|
| 900 156  | HGV tow rod for professionals, hot-dip galvanised | 40 mm - 40 mm | 2350 mm | 32 t           | 199.00 |
| 900 075  | HGV tow rod for professionals, hot-dip galvanised | 40 mm - 50 mm | 2350 mm | 32 t           | 219.00 |
| 900 064  | HGV tow rod for professionals, hot-dip galvanised | 40 mm - NATO  | 2350 mm | 32 t           | 364.00 |

### HGV tow rod for professionals Vario

Reinforced construction with 3x higher buckling strength than standard HGV tow rods. One end with 40 mm towing eye, the other end with inner thread for screwable towing lugs or original MAN fork lugs (MAN code no. 81.42015.6025). Serially with 40 mm screwable towing lug 900 167, please order additional lugs separately, zinc-plated.



| Code no. | Description                         | Length  | Traction force | EUR    |
|----------|-------------------------------------|---------|----------------|--------|
| 900 166  | HGV tow rod for professionals Vario | 2400 mm | 32 t           | 279.00 |



900 304

Tow rod holder, hot-dip galvanised

| Code no. | Description                                | Traction force | EUR    |
|----------|--|----------------|--------|
| 900 167  | Screwable towing lug 40 mm                 | 32 t           | 69.00  |
| 900 168  | Screwable towing lug 50 mm                 | 32 t           | 79.00  |
| 900 169  | Screwable towing schackle                  | 32 t           | 199.00 |
| 900 304  | Tow rod holder Ø 40 mm, hot-dip galvanised |                | 12.00  |

## Tow bar spreader brackets

Spreader brackets can be attached to any standard HGV tow bar to avoid contact with vehicle during a heavy recovery. Load capacity 19t/pair. Compact design, easy to stow, can also be used on light recoveries, make your tow bar more effective! Delivered in pairs, including fixing bolts.



549 434

USEFUL



| Code no. | Description               | Version       | Loading        | EUR/pair |
|----------|---------------------------|---------------|----------------|----------|
| 549 434  | Tow bar spreader brackets | powder-coated | 19000 kg /pair | 389.00   |

| Code no. | Description                                       | Length  | Loading | EUR    |
|----------|---|---------|---------|--------|
| 551 185  | Shackle   |         | 6500 kg | 8.90   |
| 551 225  | Shackle   |         | 9500 kg | 17.50  |
| 900 156  | HGV tow rod for professionals, hot-dip galvanised | 2350 mm |         | 199.00 |
| 510 695  | Heavy-duty lifting sling                          | 4 m     |         | 119.00 |

## Lifting console for HGVs

To lift all kinds of commercial vehicles via blocked wheels. Set consists of lifting console and 3 high-strength anchor shackles. Stable, zinc-plated construction for a long lifetime.

In combination with the shortening chain (optional) you can lift damaged HGVs easily and quickly by their wheels.



incl. 3 anchor shackles code no. 551 205, see p. 205



| Code no. | Description                                  | Load cap. | Weight | EUR    |
|----------|--|-----------|--------|--------|
| 600 565  | Lifting console HGV, incl. 3 anchor shackles | 8000 kg   | 21 kg  | 179.00 |

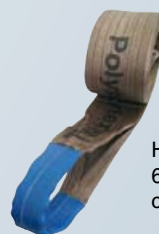


Chain Ø 10 mm with shortening hooks at both ends.  
Code no. 557 065

| Code no. | Description              | Load cap. | EUR    |
|----------|--------------------------|-----------|--------|
| 557 065  | Chain                    | 3150 kg   | 59.00  |
| 510 705  | Heavy-duty lifting sling |           | 149.00 |

ACCESSORY  
RECOMMENDATION

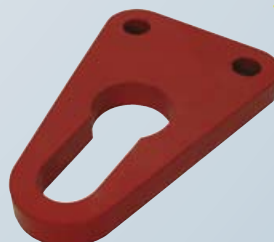
Heavy-duty lifting strap,  
6 m long, 8 t capacity,  
code no. 510 705



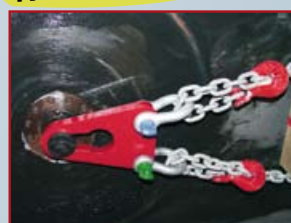
## Semi-trailer console

Damaged semi-trailers can be towed by hooking the console into the kingpin. Use in combination with 2 high-strength anchor shackles and safety chains (optional). Made of high-strength steel, powder-coated. Fits all 2" kingpins.

| Code no. | Description          | Loading | Weight  | EUR   |
|----------|----------------------|---------|---------|-------|
| 900 544  | Semi-trailer console |         |         | 99.00 |
| 551 185  | Shackle              | 6500 kg | 1.50 kg | 8.90  |



ACCESSORY  
RECOMMENDATION



Anchor shackles (code-no. 551 185, see page 207)  
(2 pieces necessary)  
further shackles

## Lifting forks for heavy recovery trucks.

### Bus fork with accessories

Developed in cooperation with Kaessbohrer to support buses and coaches on the frame. Enables a double decker to be towed without excessive height increase.



900 604

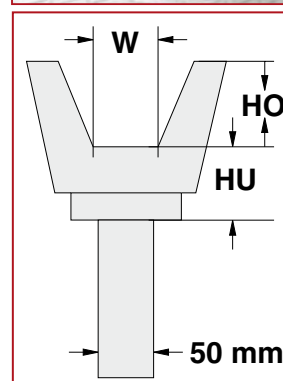


### Front axle fork with MAN inserts

Front axle fork for most non-driven front axles up to 7 t. The most common fork used when towing HGVs on the front axle.



900 624



| Code no. | Description                      | Height HO | Height HU | Distance W | EUR/pair |
|----------|----------------------------------|-----------|-----------|------------|----------|
| 900 604  | Bus fork with accessories        | 60 mm     | 65 mm     | 40-80 mm   | 429.00   |
| 900 624  | Front axle fork with MAN inserts | 90 mm     | 65 mm     | 80 mm      | 419.00   |



900 644

### Actros lifting fork

Actros front axle fork, developed in cooperation with DaimlerChrysler. Thanks to special dimensions it is suitable for all MB-ACTROS vehicles. With optional spacer ring also suitable for low chassis vehicles with airsprung front axle. Enlarged interior width, therefore appropriate for wide front axles 7,5 - 9 t for all current HGVs, also latest generation of MAN TGA and IVECO. Sold as a pair.



900 664

### Suspension lifting fork, jointed

Suspension fork with jointed bearing, for simple holding of older HGVs directly at the front spring eye. This version inhibits damages on front springs. Various possibilities to place. Favourable weight balance as lifting force is induced far in front of the front axle of the HGV. Consequently, the telescopic arm of the recovery vehicle can be considerably shorter and therefore the remaining front axle load of the recovery vehicle is considerably higher. Sold as a pair.

| Code no. | Description                      | Height HO | Height HU | Distance W | EUR/pair |
|----------|----------------------------------|-----------|-----------|------------|----------|
| 900 644  | Actros lifting fork              | 55 mm     | 100 mm    | 95 mm      | 419.00   |
| 900 664  | Suspension lifting fork, jointed |           | 220 mm    | 148 mm     | 469.00   |
| 900 794  | Spacer ring                      |           |           |            | 39.80    |



900 684

### Frame lifting fork high + wide

Frame fork, high construction with wide jaws, e.g. to tow HGVs at the rear frame support.



900 704

### Frame lifting fork high + narrow

Frame fork, high construction and narrow jaws, e.g. to tow HGVs at rear frame support. Also appropriate to tow coach MB 0303 at front axle.



900 724

### 4WD lifting fork

4WD lifting fork, to tow HGVs with driven front axle (all wheel drive vehicles such as dumpers, tractors etc.).



900 744

### Chain lifting fork for chain 16 mm

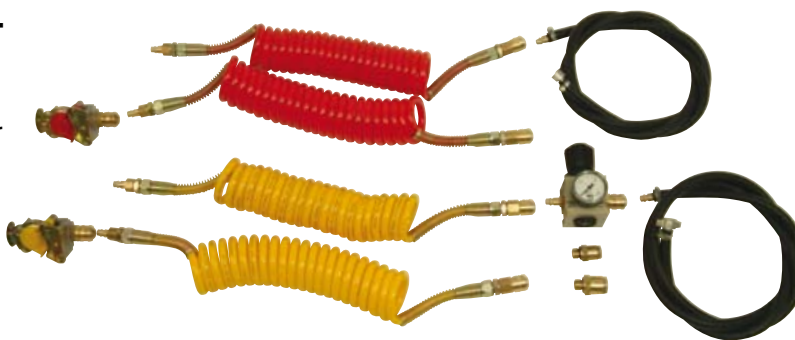
Chain lifting fork for simple and secure towing of HGV's with significant front damage. Suitable for lifting chains Ø 16 mm. Also appropriate to lift tractors at the rear.

| Code no. | Description                        | Height HO | Height HU | Distance W | EUR/pair |
|----------|------------------------------------|-----------|-----------|------------|----------|
| 900 684  | Frame lifting fork high + wide     | 90 mm     | 190 mm    | 105 mm     | 229.00   |
| 900 704  | Frame lifting fork high + narrow   | 85 mm     | 175 mm    | 75 mm      | 199.00   |
| 900 724  | 4WD lifting fork                   | 98 mm     | 82 mm     | 160 mm     | 229.00   |
| 900 744  | Chain lifting fork for chain 16 mm | 110 mm    | 40 mm     |            | 190.00   |



## Air line kit with pressure control adapter

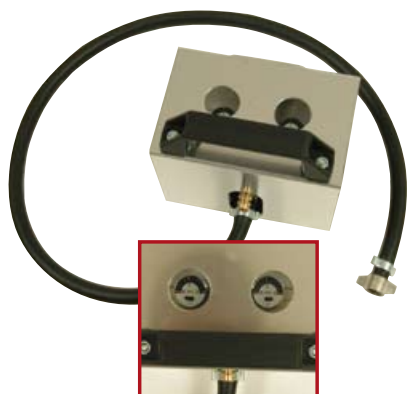
To brake motor vehicles during towing operations. Air line kit consists of adapter pipes with connections for heavy commercial vehicles of Mercedes-Benz, IVECO, MAN, DAF, Volvo and SCANIA. Pressure control device avoids overbraking of rear suspension. Spiral air lines red and yellow to brake HGVs, additional spiral extension air lines to brake buses. Adapter pipe to supply air reservoir of towed vehicle during towing operation.



| Code no. | Description                                | EUR    |
|----------|--|--------|
| 900 565  | Air line kit with pressure control adapter | 275.00 |

## Pressure amplifier

To refill compressed air systems of newer HGVs with systems working with 10.5 and 12 bar as well as of older HGVs with maximum reservoir pressure of 8.5 bar. With an inlet pressure of 8 bar it is possible to have an outlet pressure of 16 bar. Delivery as complete kit with continuously variable control device (lockable) and pressure gauge for outlet pressure, air supply pipe with supply connection for damaged HGV, plug connection for standard pneumatic coupling.

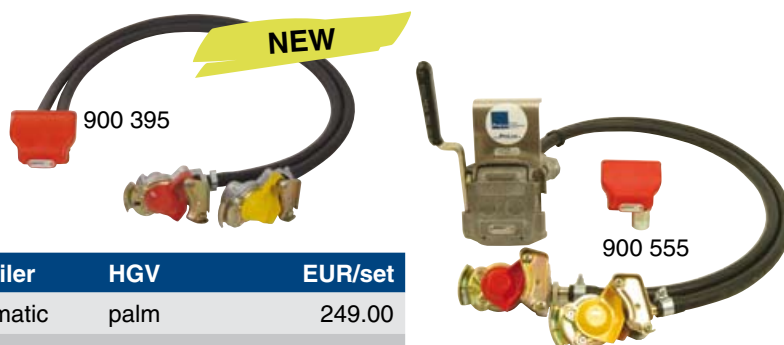


| Code no. | Description        | EUR    |
|----------|--------------------|--------|
| 900 571  | Pressure amplifier | 679.00 |

## Duomatic adapter pipe kit

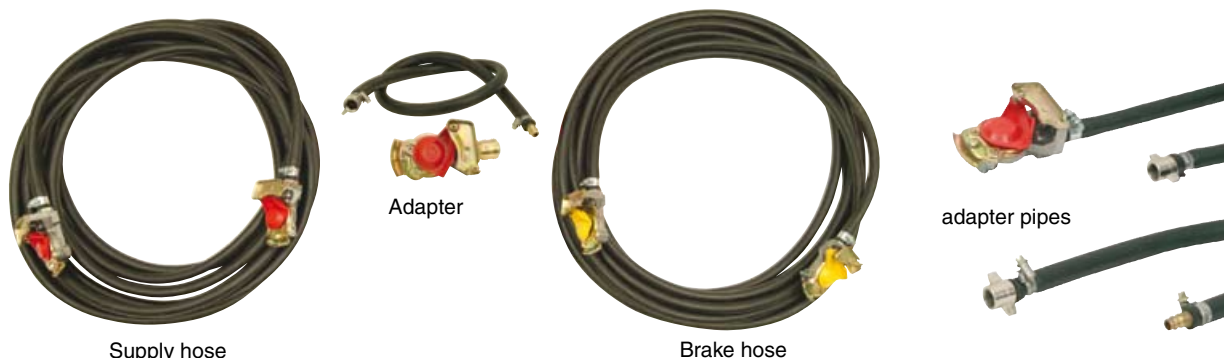
With 2 different pluggable adaptor hitches for trailer and semi-trailer, length of line 1 m, with yellow and red Palm

| Code no. | Description               | Trailer  | HGV      | EUR/set |
|----------|---------------------------|----------|----------|---------|
| 900 555  | Duomatic adapter pipe kit | duomatic | palm     | 249.00  |
| 900 395  | Duomatic adapter pipe kit | palm     | Duomatic | 119.00  |



## Pipe kit for air supply

A must-have for every heavy recovery vehicle. Pipe kit consists of 10 m brake hose and additional hose, to both sides with HGV coupling heads red and yellow. To brake trailers during towing. Furthermore adapter pipe to refill empty air reservoirs and adapter pipe with plug-in coupling to run pneumatic tools such as impact wrench etc.



| Code no. | Description             | EUR    |
|----------|-------------------------|--------|
| 900 585  | Pipe kit for air supply | 129.00 |

## Imperial adapter

| Code no. | Description      | EUR   |
|----------|------------------|-------|
| 900 595  | Imperial adapter | 56.00 |

2-piece adapter set for brake connection, suitable for English and Belgian trailer connections.



**Cartratec****ProLux****Small spindle nut repair kit**

Spindle nut, sliding boxes, control nut

| Code no.   | Description                       | System     | EUR/set |
|------------|-----------------------------------|------------|---------|
| R23 0251/6 | Repair kit for spindle nut, small | Kässbohrer | 49.00   |

**Large spindle nut repair kit**

Spindle nut, control nut, 2 slide boxes, 2 bearings, washer, seal, slotted nut

| Code no.   | Description                  | System     | EUR/set |
|------------|------------------------------|------------|---------|
| R23 0252/6 | Large spindle nut repair kit | Kässbohrer | 82.00   |

**Small spindle nut repair kit**

Spindle nut, 2 slide boxes, bearing

| Code no.   | Description                  | System | EUR/set |
|------------|------------------------------|--------|---------|
| R23 0200/6 | Small spindle nut repair kit | Lohr   | 46.00   |

**Large spindle nut repair kit**

Spindle nut, 2 slide boxes, bearing, spring washer, washer, thread protection washer, 2 slotted nuts with locking washers

| Code no.   | Description                  | System | EUR/set |
|------------|------------------------------|--------|---------|
| R98 0200/6 | Large spindle nut repair kit | Lohr   | 55.00   |

**Special grease for screw jack systems**

The composition of this grease makes it perfect for screw jack systems. Friction, and consequently wear and tear are reduced, lubricating intervals are prolonged, leading to fewer down times. Further advantages are its high temperature and waterproof characteristics.

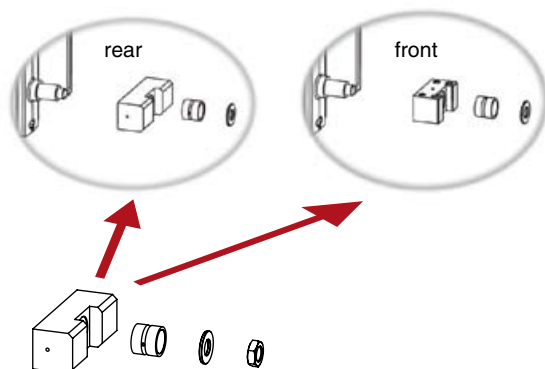
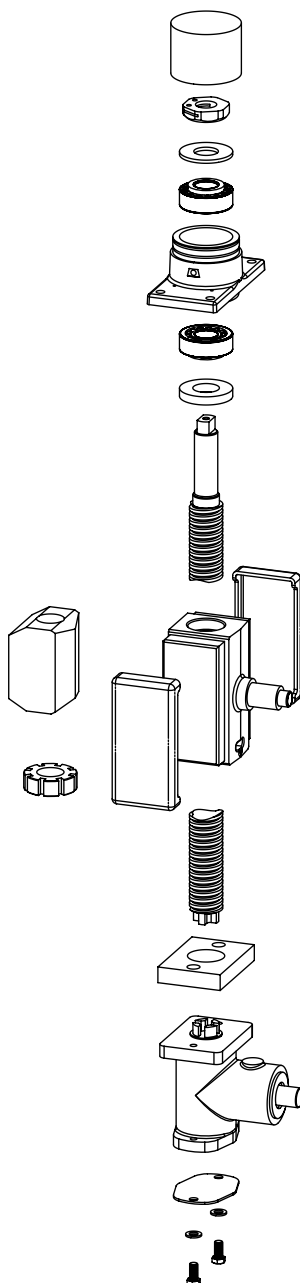
| Code no. | Description          | Contents | EUR   |
|----------|----------------------|----------|-------|
| 749 095  | High pressure grease | 400 g    | 12.80 |

**Cartratec****ProLux**

Further auto-transporter parts available on request.

## Synchro screw jack system

To lower and raise the upper platform. One motor connected to a transmission shaft guarantees a synchronous operation. Standard delivery with motor at the bottom. Motor on top or motor in the connecting shaft available at extra cost and upon request.



Scope of delivery

| Code no.   | Description       | Position | Spindle length | EUR      |
|------------|-------------------|----------|----------------|----------|
| R20 0101/6 | Screw jack system | in front | 2437 mm        | 2,980.00 |
| R30 0101/6 | Screw jack system | behind   | 2437 mm        | 2,980.00 |
| R20 0100/6 | Screw jack system | in front | 2156 mm        | 2,980.00 |
| R30 0100/6 | Screw jack system | behind   | 2156 mm        | 2,980.00 |



## Screw jack column HSK

Column for our screw jack system Synchro.  
To be welded onto the sides of the truck.

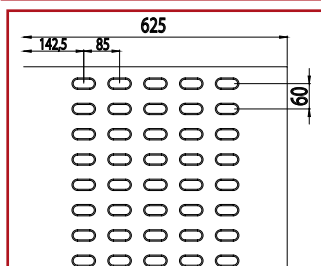


| Code no.   | Suitable for         | Side  | Height  | Load/pair | EUR    |
|------------|----------------------|-------|---------|-----------|--------|
| R20 0348/6 | R200101/6, R300101/6 | right | 2437 mm | 5000 kg   | 668.00 |
| R20 0349/6 | R200101/6, R300101/6 | left  | 2437 mm | 5000 kg   | 668.00 |
| R95 0348/6 | R200100/6, R300100/6 | right | 2156 mm | 5000 kg   | 638.00 |
| R95 0349/6 | R200100/6, R300100/6 | left  | 2156 mm | 5000 kg   | 638.00 |



## Perforated sheets

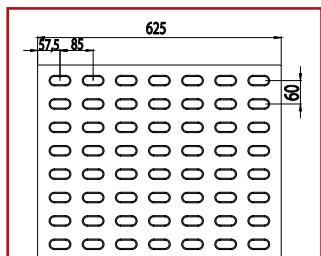
Perforated sheets for vehicle transportation in various designs, materials and thicknesses for every need and purpose. We offer these sheets in the two systems "Kässbohrer" and "Lohr". The following sheets are just an extract from our range. Tell us your required sheet and perforation combinations.



### Kässbohrer perforated sheet system

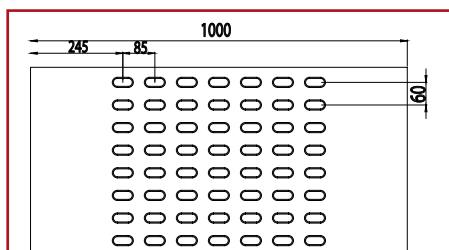
5-hole, aluminium

| Code no.   | Material  | Dimensions        | Weight/sheet | EUR    |
|------------|-----------|-------------------|--------------|--------|
| R98 0587/4 | Aluminium | 2500 x 625 x 4 mm | 14 kg        | 182.00 |



### Kässbohrer perforated sheet system

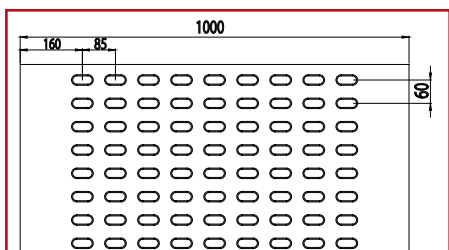
| Code no.   | Material  | Dimensions        | Weight/sheet | EUR    |
|------------|-----------|-------------------|--------------|--------|
| R20 0587/4 | Aluminium | 2500 x 625 x 4 mm | 13 kg        | 197.00 |



### Kässbohrer perforated sheet system

7-hole, steel

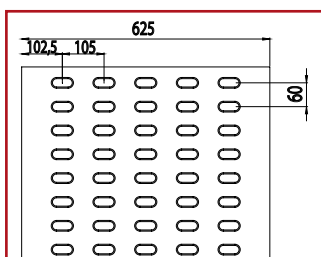
| Code no.   | Material | Dimensions         | Weight/sheet | EUR    |
|------------|----------|--------------------|--------------|--------|
| R95 0332/4 | Steel    | 2000 x 1000 x 3 mm | 35 kg        | 126.00 |



### Kässbohrer perforated sheet system

9-hole, steel

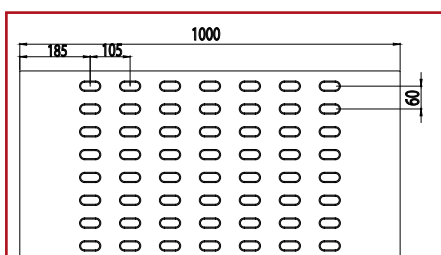
| Code no.   | Material | Dimensions         | Weight/sheet | EUR    |
|------------|----------|--------------------|--------------|--------|
| R95 0331/4 | Steel    | 2000 x 1000 x 3 mm | 32 kg        | 139.00 |



### LOHR perforated sheet system

5-hole, aluminium

| Code no.   | Material  | Dimensions        | Weight/sheet | EUR    |
|------------|-----------|-------------------|--------------|--------|
| R95 0587/4 | Aluminium | 2500 x 625 x 4 mm | 14 kg        | 182.00 |



### LOHR perforated sheet system

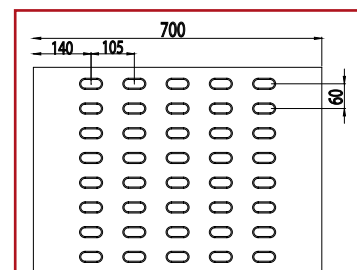
7-hole, aluminium

| Code no.   | Material  | Dimensions         | Weight/sheet | EUR    |
|------------|-----------|--------------------|--------------|--------|
| R23 0119/4 | Aluminium | 2000 x 1000 x 4 mm | 21 kg        | 209.00 |

## LOHR perforated sheet system

5-hole, steel

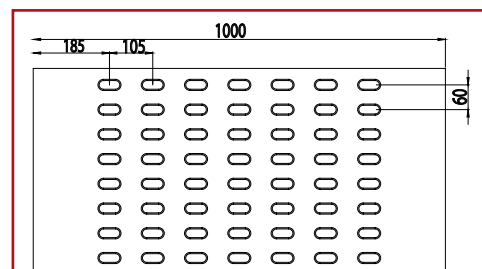
| Code no.   | Material | Dimensions        | Weight/sheet | EUR    |
|------------|----------|-------------------|--------------|--------|
| R95 0116/4 | Steel    | 2000 x 700 x 3 mm | 35 kg        | 119.00 |



## LOHR perforated sheet system

7-hole, steel

| Code no.   | Material | Dimensions         | Weight/sheet | EUR    |
|------------|----------|--------------------|--------------|--------|
| R99 0119/4 | Steel    | 3000 x 1000 x 3 mm | 55 kg        | 192.00 |

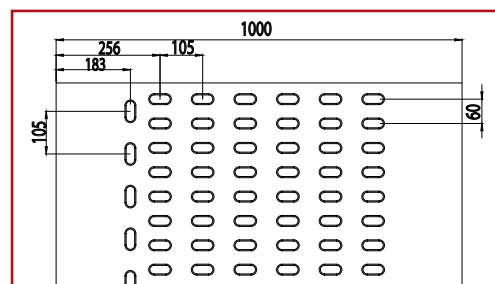


## LOHR perforated sheet system

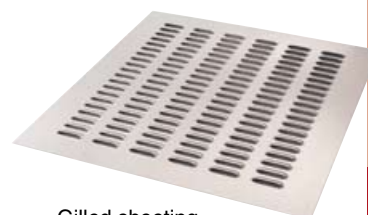
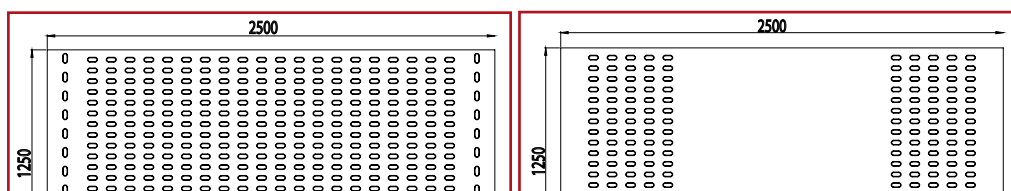
with side-holes

6-hole, steel

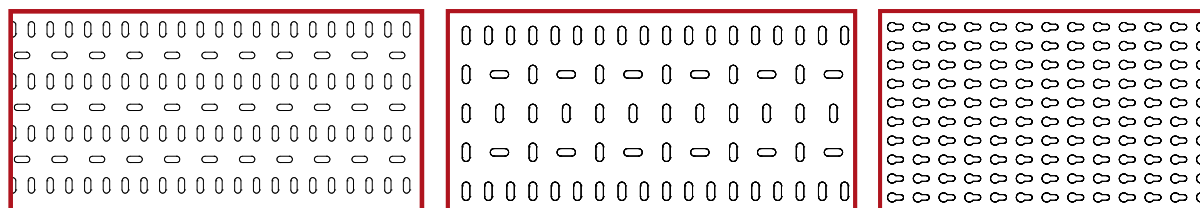
| Code no.   | Material | Dimensions         | Weight/sheet | EUR    |
|------------|----------|--------------------|--------------|--------|
| R99 0118/4 | Steel    | 2000 x 1000 x 3 mm | 45 kg        | 142.00 |



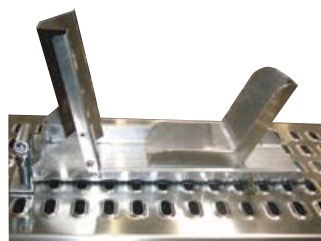
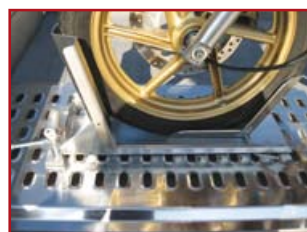
**Custom decking? Almost anything is possible!**  
Also small quantities to reasonable prices. Ask us!



Gilled sheeting



Keyhole sheeting



## Motorcycle stands for perforated metal sheets

For a quick installation on perforated metal sheets.

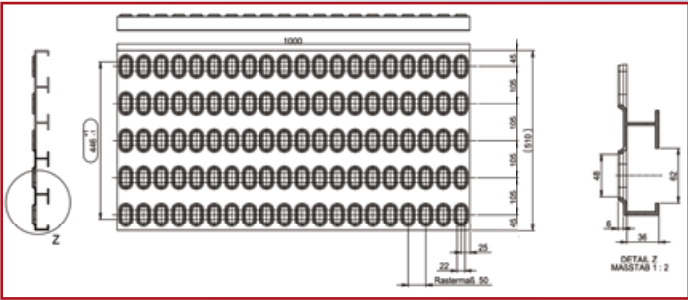
| Code no. | Description                                | Side  | System     | Wheel width  | EUR    |
|----------|--|-------|------------|--------------|--------|
| 600 965  | Motorcycle rack for perforated metal sheet | left  | Kässbohrer | up to 180 mm | 199.00 |
| 600 975  | Motorcycle rack for perforated metal sheet | right | Kässbohrer | up to 180 mm | 199.00 |
| 600 985  | Motorcycle rack for perforated metal sheet | left  | LOHR       | up to 180 mm | 199.00 |
| 600 995  | Motorcycle rack for perforated metal sheet | right | LOHR       | up to 180 mm | 199.00 |
| 601 155  | Motorcycle rack for perforated metal sheet | left  | Kässbohrer | up to 240 mm | 346.00 |
| 601 165  | Motorcycle rack for perforated metal sheet | right | Kässbohrer | up to 240 mm | 346.00 |
| 601 175  | Motorcycle rack for perforated metal sheet | left  | LOHR       | up to 240 mm | 346.00 |
| 601 185  | Motorcycle rack for perforated metal sheet | right | LOHR       | up to 240 mm | 346.00 |

NEW

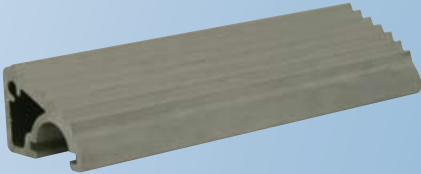
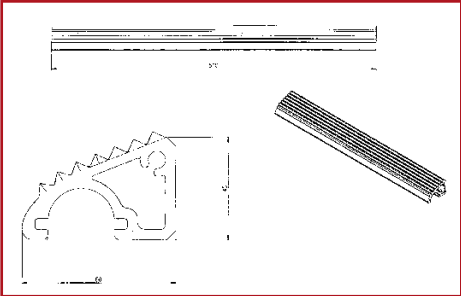
LBP perforated sheets

Self-supporting aluminium extrusion pressed perforated sheet

Profile was constructed for lengthwise assembly but can be assembled crosswise. Quickly fitted due to the profile length. Other sizes available on request.



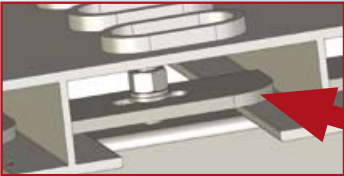
612 016



612 026



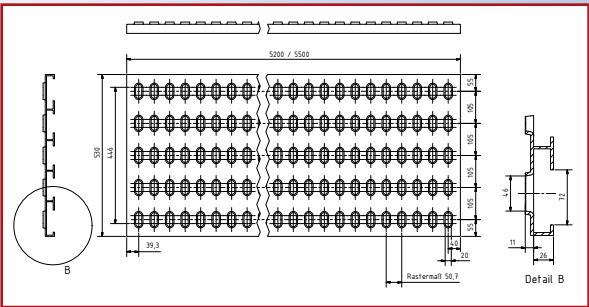
| Code no. | Description      | Material  | Dimensions             | Length | Weight/Metre | Weight | EUR    |
|----------|------------------|-----------|------------------------|--------|--------------|--------|--------|
| 612 016  | Perforated sheet | aluminium | 4940 x 510 x 40 x 4 mm |        | 8.2 kg       |        | 552.00 |
| 612 026  | Wedge profile    | Aluminium |                        | 510 mm |              | 1.1 kg | 11.70  |



Mounting plate

Mounting plate suitable for code no. 612 016, to enable a quick, secure assembly. No drilling of flooring necessary.

| Code no. | Description    | EUR  |
|----------|----------------|------|
| 612 035  | Mounting plate | 1.20 |



NEW

now available in 30mm profile height! Can therefore be combined with standard decking sheets



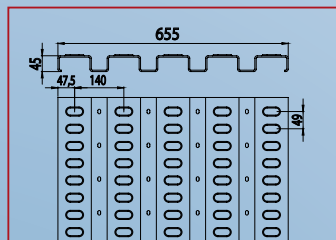
| Code no. | Description      | Material  | Dimensions             | Weight/Metre | EUR    |
|----------|------------------|-----------|------------------------|--------------|--------|
| 612 156  | Perforated sheet | aluminium | 5200 x 530 x 30 x 4 mm | 8.3 kg       | 499.00 |
| 612 166  | Perforated sheet | aluminium | 5500 x 530 x 30 x 4 mm | 8,3 kg       | 528.00 |

load chart on next page



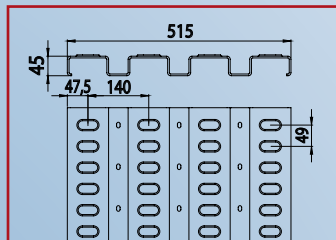
## Self-supporting perforated sheets

LOHR system, 5-hole



## Self-supporting perforated sheets

LOHR system, 4-hole

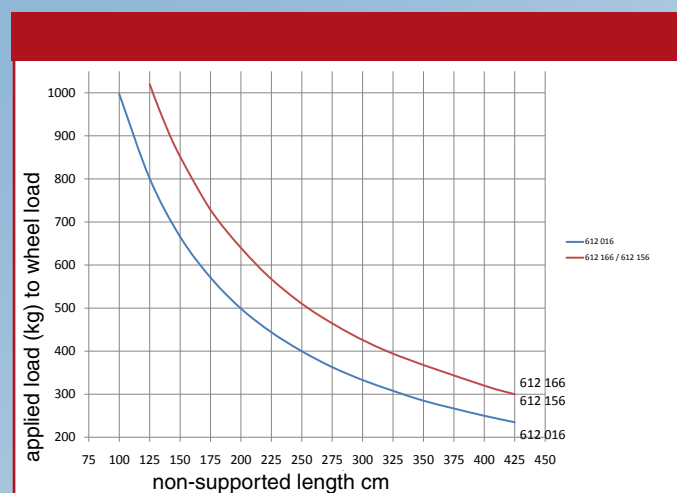


| Code no.   | hole | Material                 | Dimensions               | Weight/sheet | EUR    |
|------------|------|--------------------------|--------------------------|--------------|--------|
| R95 0851/4 | 4    | Steel                    | 2050 x 515 x 50 x 2.5 mm | 34 kg        | 169.00 |
| R23 0851/4 | 4    | Steel                    | 2500 x 515 x 50 x 2.5 mm | 41 kg        | 196.00 |
| R23 0853/4 | 4    | Aluminium                | 2500 x 515 x 50 x 4 mm   | 21 kg        | 319.00 |
| R99 0115/4 | 5    | Steel                    | 2500 x 655 x 50 x 2.5 mm | 52 kg        | 249.00 |
| R20 0115/4 | 5    | Steel hot-dip galvanised | 2500 x 655 x 50 x 2.5 mm | 54 kg        | 292.00 |
| R23 0115/4 | 5    | Aluminium                | 2500 x 655 x 50 x 4 mm   | 26 kg        | 392.00 |

## Carrying load chart for decking sheets LBL

| span    | Code no.  |           |           |           |           |           |
|---------|-----------|-----------|-----------|-----------|-----------|-----------|
|         | R950851/4 | R230853/4 | R230853/4 | R990115/4 | R200115/4 | R230115/4 |
| 500 mm  | 3600 kg   | 3600 kg   | 1500 kg   | 4600 kg   | 4600 kg   | 1900 kg   |
| 750 mm  | 2200 kg   | 2200 kg   | 900 kg    | 2800 kg   | 2800 kg   | 1200 kg   |
| 1000 mm | 1600 kg   | 1600 kg   | 700 kg    | 2000 kg   | 2000 kg   | 850 kg    |
| 1250 mm | 1000 kg   | 1000 kg   | 500 kg    | 1300 kg   | 1300 kg   | 650 kg    |
| 1500 mm | 700 kg    | 700 kg    | 350 kg    | 900 kg    | 900 kg    | 450 kg    |
| 1750 mm | 600 kg    | 600 kg    | 250 kg    | 700 kg    | 700 kg    | 300 kg    |

Wheel load distributed across 200 x 200mm



stacking tracks price on request

## Wheel pit module

Create wheel pits of every size in the blink of an eye. Insert the module into the holed frame and create a pit according to your requirements. Adjustment and fixation via the integrated spring latch.



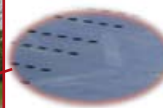
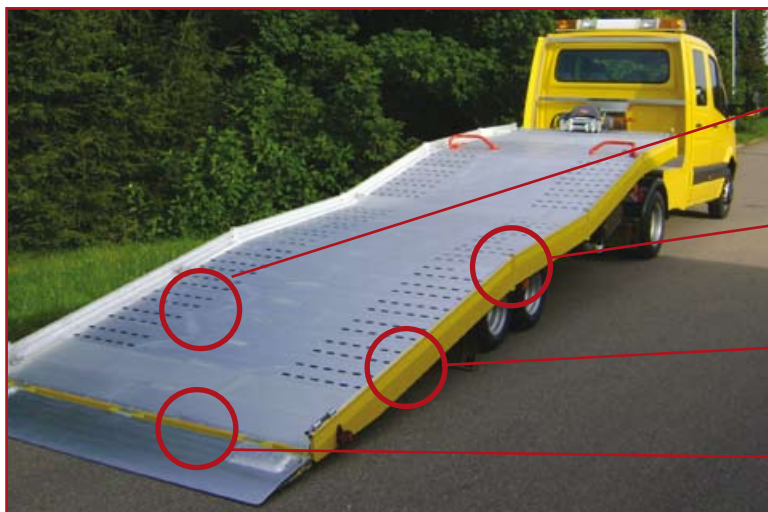
| Code no.   | Description      | EUR    |
|------------|------------------|--------|
| R10 0100/7 | Wheel pit module | 178.00 |

## Flooring sheets

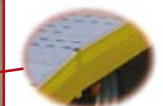
An alternative to conventional perforated sheets. The aluminium extrusion pressed sheets align and can therefore be combined. Open-frame, closed frame, or a combination of both depending on your requirements. Other dimensions possible!

### Advantages:

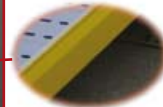
- easy and quick assembly
- no substructure necessary (mounted directly onto supporting frame)
- minimal welding due to click system
- suitable for standard wheel blocks from Kässbohrer
- hole spacing for Lohr wheel blocks upon request
- complementary system with side panels



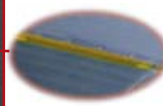
flooring sheet profile



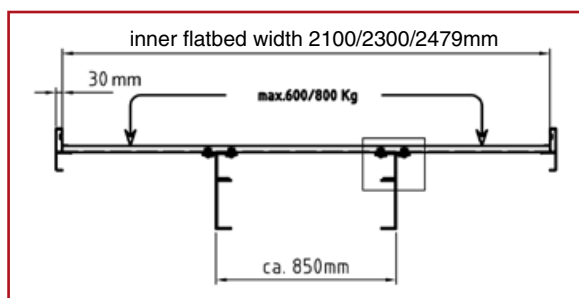
arrester profile



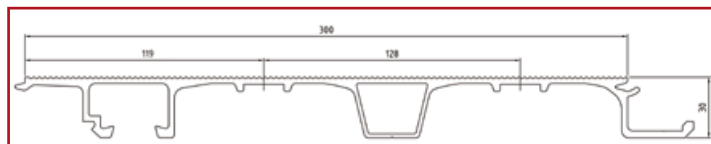
side border



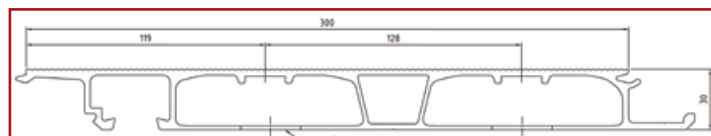
final sheet max. 75mm without support



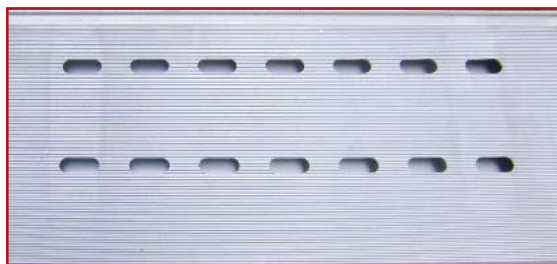
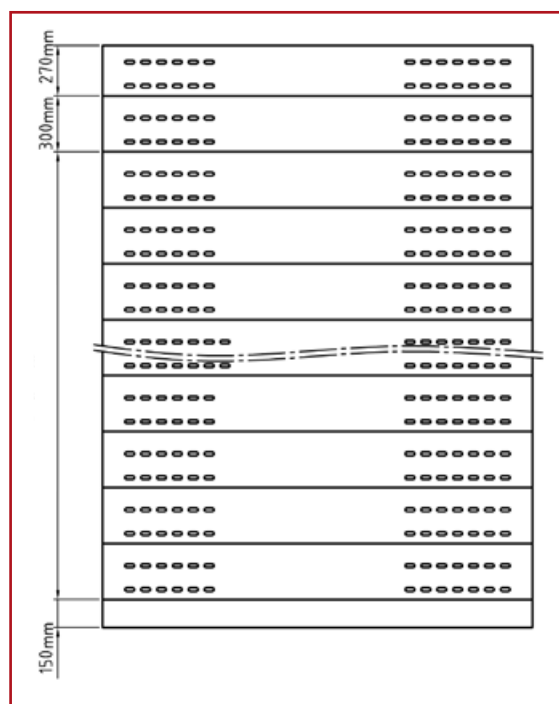
supporting frame approx. 850mm



open profile



closed profile



| Code no. | Version      | hole | Material  | System     | Dimensions         | Weight/sheet | Wheel load | EUR    |
|----------|--------------|------|-----------|------------|--------------------|--------------|------------|--------|
| 613 033  | open frame   | 6    | aluminium | Kässbohrer | 2100 x 300 x 30 mm | 9.2 kg       | 600 kg     | 167.00 |
| 613 043  | open frame   | 6    | aluminium | Kässbohrer | 2300 x 300 x 30 mm | 10 kg        | 600 kg     | 189.00 |
| 613 053  | closed frame | 6    | aluminium | Kässbohrer | 2100 x 300 x 30 mm | 13.3 kg      | 800 kg     | 181.00 |
| 613 063  | closed frame | 6    | aluminium | Kässbohrer | 2300 x 300 x 30 mm | 14.5 kg      | 800 kg     | 195.00 |
| 613 073  | closed frame | 7    | aluminium | Kässbohrer | 2479 x 300 x 30 mm | 15.8 kg      | 800 kg     | 199.00 |

## Clamp fittings for flooring sheets

Use these clamp fittings to connect flooring sheets to your vehicle's supporting frame quickly and cost-effectively. No drilling of holes necessary. Fitting is secured with a self-locking screw. Clamp fitting individual parts also available.



| Code no. | Description   | EUR  |
|----------|---------------|------|
| 612 095  | Clamp fitting | 5.80 |



## Slidebed end flooring sheets

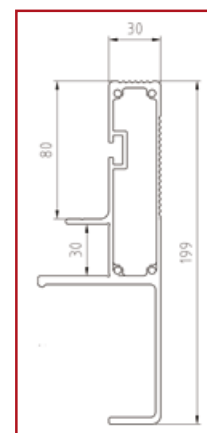
Practical end sheet for slidebeds to bridge the gap between the last flooring sheet and the end of the slidebed. Can be fitted horizontally or with a downward slope. Must be supported when length exceeds 75 mm. The end sheet has the same design as the flooring sheets.



| Code no. | Description        | Material  | Dimensions          | Weight apiece | EUR   |
|----------|--------------------|-----------|---------------------|---------------|-------|
| 612 065  | Slidebed end sheet | aluminium | 2100 x 150 x 4.0 mm | 4.8 kg        | 45.90 |
| 612 075  | Slidebed end sheet | aluminium | 2300 x 150 x 4.0 mm | 5.3 kg        | 49.20 |
| 612 085  | Slidebed end sheet | aluminium | 2479 x 150 x 4.0 mm | 5.7 kg        | 55.20 |

## Side panelling

Aluminium side panels specially designed as a skirting for our flooring sheets.



| Code no. | Description | Material  | Width | Height | Length  | Weight apiece | EUR    |
|----------|-------------|-----------|-------|--------|---------|---------------|--------|
| 613 083  | Side panels | aluminium | 30 mm | 200 mm | 5400 mm | 21.6 kg       | 235.00 |

## Side panel end profile

Aluminium rectangular tubing to end or join side panels. 225 mm long.

| Code no. | Description            | EUR  |
|----------|------------------------|------|
| 613 095  | Side panel end profile | 4.20 |



## Wheel tie-down straps with grip sheath Superflex



**ACCESSORY  
RECOMMENDATION**

| Code no. | Description    | Width | Length | Loading | EN      | EUR   | from 10 pc. EUR |
|----------|----------------|-------|--------|---------|---------|-------|-----------------|
| 501 605  | Wheel tie-down | 35 mm | 3.2 m  | 1500 kg | 12195-2 | 21.90 | 17.90           |
| 501 635  | Wheel tie-down | 50 mm | 3.2 m  | 2500 kg | 12195-2 | 25.90 | 19.90           |



## Wheel block lengthwise adjustable

Stable wheel block, hot-dip galvanised, 4 length adjustments in 125 mm steps, incl. eye for strap fastening. Can simply be screwed on flatbed.



| Code no. | Description | EUR    |
|----------|-------------|--------|
| 601 013  | Wheel block | 145.00 |



### Wheel block

This wheel block is zinc-plated and very stable. Its angle and length can be adjusted and it can be easily and securely screwed onto every flatbed.



### ACCESSORY RECOMMENDATION

Tie-down strap, 50 mm,  
code no. 500 295,  
page 198

| Code no. | Description                                   | Width | Length | Loading       | EN      | EUR    |
|----------|---|-------|--------|---------------|---------|--------|
| 600 603  | Wheel block zinc-plated, incl. mounting plate |       |        |               |         | 179.00 |
| 500 295  | Wheel tie-down strap                          | 50 mm | 2.4 m  | up to 2000 kg | 12195-2 | 17.90  |



## Wheel block aluminium

The stable wheel block is made of high-grade aluminium and can easily be mounted on every flatbed. It only has to be put into two holes, remains there without any further fastening and can easily be removed when not in use. To retrofit all kinds of flatbeds.



| Code no. | Description           | EUR   |
|----------|-----------------------|-------|
| 600 616  | Wheel block aluminium | 69.00 |

## Wheel blocks for perforated sheets

Wheel blocks for vehicle transporters with perforated sheets. Different versions for transportation of cars and trucks.

If you need larger quantities, please send us an enquiry!



## Wheel blocks for trucks

| Code no.   | Description            | Version     | Operation | System     | Bolt distance | EUR   |
|------------|------------------------|-------------|-----------|------------|---------------|-------|
| R20 0015/5 | Wheel block for trucks | zinc-plated | two-hand  | Kässbohrer | 360 mm        | 72.00 |
| R95 0015/5 | Wheel block for trucks | zinc-plated | two-hand  | LOHR       | 440 mm        | 72.00 |

## Wheel blocks for caravans



| Code no.   | Description              | Version     | Operation | Side  | System | Bolt distance | EUR   |
|------------|--------------------------|-------------|-----------|-------|--------|---------------|-------|
| R99 0001/5 | Wheel block for caravans | zinc-plated | two-hand  | left  | LOHR   | 440 mm        | 36.00 |
| R99 0002/5 | Wheel block for caravans | zinc-plated | two-hand  | right | LOHR   | 440 mm        | 36.00 |

## Wheel blocks for passenger cars



OUR TOP SELLERS!

Quality that convinces



| Code no. | Version       | Operation | Side  | System     | Bolt distance | EUR   |
|----------|---------------|-----------|-------|------------|---------------|-------|
| 601 044  | powder-coated | one-hand  | right | Kässbohrer | 360 mm        | 32.00 |
| 601 054  | powder-coated | one-hand  | left  | Kässbohrer | 360 mm        | 32.00 |
| 601 064  | powder-coated | one-hand  | right | LOHR       | 440 mm        | 32.00 |
| 601 074  | powder-coated | one-hand  | left  | LOHR       | 440 mm        | 32.00 |



| Code no. | Version       | Operation | Side  | System     | Bolt distance | EUR   |
|----------|---------------|-----------|-------|------------|---------------|-------|
| 601 084  | powder-coated | one-hand  | right | Kässbohrer | 360 mm        | 32.00 |
| 601 094  | powder-coated | one-hand  | left  | Kässbohrer | 360 mm        | 32.00 |

| Code no.   | Version     | Operation | System | Bolt distance | EUR   |
|------------|-------------|-----------|--------|---------------|-------|
| R20 0003/5 | zinc-plated | two-hand  | LOHR   | 440 mm        | 36.00 |



| Code no. | Version     | Operation | System     | Bolt distance | EUR   |
|----------|-------------|-----------|------------|---------------|-------|
| 600 625  | zinc-plated | two-hand  | LOHR       | 440 mm        | 36.00 |
| 600 645  | zinc-plated | two-hand  | Kässbohrer | 360 mm        | 36.00 |



| Code no. | Version     | Operation | Side  | System | Bolt distance | EUR   |
|----------|-------------|-----------|-------|--------|---------------|-------|
| 590 015  | zinc-plated | one-hand  | right | LOHR   | 440 mm        | 36.00 |
| 590 025  | zinc-plated | one-hand  | left  | LOHR   | 440 mm        | 36.00 |



## Motorcycle stand CONDOR PS

This hinged and easy-to-store motorcycle wheel chock comes from the same manufacturer as the CONDOR motorcycle loader. It has the same brilliant, patent fixing mechanism for the motorcycle. Adjustable, delivered with a holder which is permanently mounted on flatbed. There, the stand can be fastened quickly and easily at any time.



Patented  
mechanism for  
100% stability



incl. fastening kit for flatbed



| Code no. | Description  | Tyre width | Wheel Ø | EUR    |
|----------|--|------------|---------|--------|
| 600 845  | Motorcycle stand CONDOR                              | 80-220 mm  | 15-22 " | 298.00 |
| 600 865  | Additional flatbed retainer kit for further flatbeds |            |         | 19.00  |



## Wide base tyre brackets CONDOR

With this wide base tyre bracket you are on the safe side. It is quickly mounted and suitable for tyres up to 260 mm. Compatible for CONDOR stand and loader.

| Code no. | Description                       | Tyre width | Wheel Ø | EUR   |
|----------|-----------------------------------|------------|---------|-------|
| 600 885  | Wide base tyre bracket CONDOR PS  | 230-260 mm | 15-22 " | 65.00 |
| 600 895  | Wide base tyre bracket CONDOR TCL | 230-260 mm | 15-22 " | 69.00 |



## Motorcycle transport

Sturdy, light aluminium motorbike stand with non-slip aluminium base for the garage or for permanent mounting on trailers. Accommodates various wheel sizes.

PRICE SENSATION



NEW

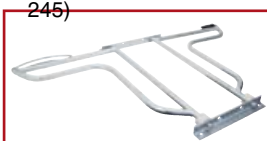
| Code no. | Description           | Tyre width  | Wheel Ø   | EUR    |
|----------|-----------------------|-------------|-----------|--------|
| 601 115  | Motorbike Quick Stand | 80 - 150 mm | 10 - 21 " | 139.00 |

## Collapsible motorcycle stand

For secure mounting on flatbed or trailer. With just a few moves the stand is mounted or removed. Delivery includes tie-down straps to secure the motorcycle for transportation.



incl. 4 tie-down  
straps (code no. 500  
245)



To fold or dismantle  
with just a few moves



| Code no. | Description  | Tyre width  | EUR    |
|----------|--|-------------|--------|
| 600 725  | Collapsible motorcycle stand, incl. 4 x tie-down straps 4 m, 25 mm wide (code no. 500 245) | 80 - 175 mm | 165.00 |



## Rollable motorcycle loader, CONDOR TCL

The patented fixing mechanism retains the motorcycle in upright position until final fastening. Brackets can be adjusted accordingly to size required. All castors can be blocked individually, the motorcycle loader can easily be dismantled and stowed.



Accessory: wide base tyre bracket code no. 600 895



Wheels blockable!

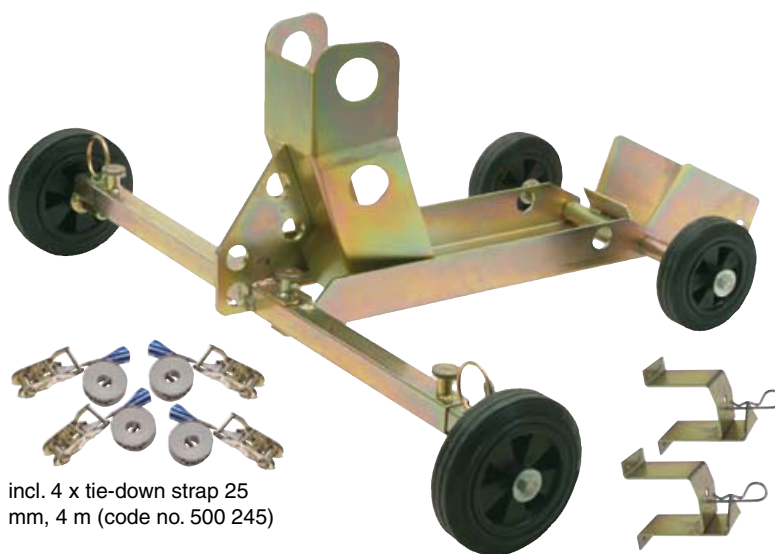
Patented  
mechanism for  
100% stability

| Code no. | Description                        | Tyre width | Wheel Ø | EUR    |
|----------|------------------------------------|------------|---------|--------|
| 600 825  | Motorcycle loader CONDOR, rollable | 80-220 mm  | 15-22 " | 369.00 |
| 600 895  | Wide base tyre bracket CONDOR TCL  | 230-260 mm | 15-22 " | 69.00  |

## Rollable motorcycle loader

Established and stable construction. Place the motorcycle in the chock and clamp it securely. Now, with the winch it can comfortably be pulled on the flatbed where it has to be fastened in 4 directions. With telescopic front axle. Zinc-plated for long lifetime.

Lockable castors and a lowered chassis allow a simple loading, thanks to the enlarged castor diameter it can easily be towed over the edge of the flatbed. Extended track gauge for a safe standing also during loading.



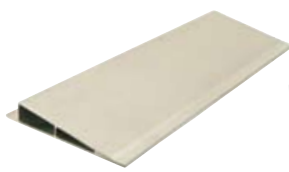
incl. 4 x tie-down strap 25 mm, 4 m (code no. 500 245)

| Code no. | Description  | Tyre width   | EUR/pair | EUR    |
|----------|--|--------------|----------|--------|
| 600 775  | Rollable motorcycle loader                               | up to 150 mm |          | 299.00 |
| 600 765  | Retaining brackets for rollable motorcycle loader (pair) |              | 49.50    |        |

600 765  
Retaining  
brackets for rol-  
lable Motorcycle  
loader, flatbed  
mounting



Motorcycle loading ramps see page 257



Loading aid for wheel dollies, page 218



Motorcycle tie-down kit, code no. 501 305, (page 195)

**ACCESSORY  
RECOMMENDATION**



600 955

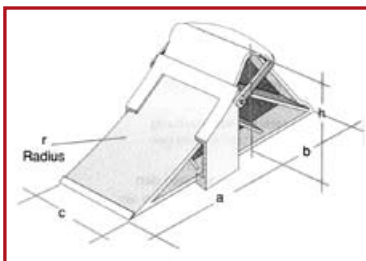
| Code no. | Description                                 | Width  | Length | Loading       | Weight | EUR   | EUR/pair |
|----------|---|--------|--------|---------------|--------|-------|----------|
| 482 907  | Loading aid for wheel dollies, 1 pair       | 700 mm | 250 mm |               | 7 kg   |       | 78.00    |
| 501 305  | Motorcycle quick tie-down                   |        |        |               |        | 41.00 |          |
| 600 955  | Motorcycle tie-down strap (kit of 4 pieces) | 25 mm  | 4 m    | up to 1000 kg |        | 28.60 |          |



## Plastic chock for car trailers

The plastic chock with holder for car trailers.

| Code no. | Description                    | Width | Length | EUR  |
|----------|--------------------------------|-------|--------|------|
| 622 705  | Plastic chock for car trailers | 90 mm | 220 mm | 2.50 |



## Wheel chocks

Galvanised steel.

According to §41 of German StVZO trailers with more than 750 kg total weight and vehicles with more than 4 t total weight require 2 chocks.

| Code no. | Description       | Wheel load    | A      | B      | C      | H      | R      | EUR   |
|----------|-------------------|---------------|--------|--------|--------|--------|--------|-------|
| 622 006  | Wheel chock UK 36 | up to 1600 kg | 220 mm | 100 mm | 120 mm | 150 mm | 360 mm | 6.50  |
| 622 106  | Wheel chock UK 46 | up to 5000 kg | 260 mm | 120 mm | 160 mm | 190 mm | 460 mm | 12.00 |
| 622 206  | Wheel chock UK 53 | up to 6500 kg | 320 mm | 150 mm | 200 mm | 230 mm | 560 mm | 17.90 |



## Plastic wheel chocks with steel claws

Wheel chocks made of UV-resistant plastic, therefore 50% less weight than comparable sheet metal chocks, yellow painted. Both versions with additional zinc-plated steel claws. TÜV approved according to DIN 76051-46 and DIN 76051-53.

| Code no. | Description                                | Dimensions               | Wheel load    | EUR   |
|----------|--|--------------------------|---------------|-------|
| 622 925  | Wheel chock UK 46 plastic with steel claws | L 370 x H 180 x W 160 mm | up to 5000 kg | 9.40  |
| 622 945  | Wheel chock UK 53 plastic with steel claws | L 473 x H 230 x W 200 mm | up to 6500 kg | 10.50 |



## Plastic wheel chock

Made of rubberlike plastic it is an optimal supplement accessory for recovery operations. Thanks to its massive and non-slipping surface it supports the HGV wheel without damaging the pavement. Considerably better

| Code no. | Description               | Dimensions               | Wheel load    | EUR   |
|----------|---------------------------|--------------------------|---------------|-------|
| 622 606  | Plastic wheel chock UK 53 | L 400 x H 230 x W 190 mm | up to 6500 kg | 34.50 |



## Retainers for wheel chocks

Stable zinc-plated design.

| Code no. | Description        | F      | G     | K      | EUR  |
|----------|--------------------|--------|-------|--------|------|
| 622 306  | Retainer for UK 36 | 150 mm | 40 mm | 8.5 mm | 4.50 |
| 622 406  | Retainer for UK 46 | 185 mm | 60 mm | 8.5 mm | 5.30 |
| 622 506  | Retainer for UK 53 | 225 mm | 80 mm | 8.5 mm | 7.50 |

## Loading mirrors

Many thanks to Derek Beahan from Dublin who suggested that we include this mirror in our catalogue. Attached to the flyer, winch frame or cab, this mirror simplifies loading operations and saves time because the distance between the vehicle being loaded and the flyer end of the bed is always visible. Mounting kit included.



NEW



| Code no. | Description           | Dimensions        | EUR   |
|----------|-----------------------|-------------------|-------|
| 240 861  | "Derek Beahan" mirror | 270 x 240 x 75 mm | 79.00 |

## Oil collecting tray for HGV drive axle

Suitable for most wheels. Allows complete collection of rear axle oil while dismounting the planet wheels. Wheel and road remains unsoiled. Collected oil can be refilled (lubrication of wheel bearing!) Made of shock-proof plastic, 2 ltr. capacity.

TIP



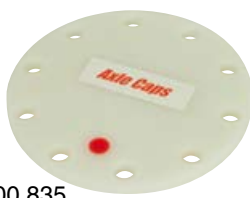
| Code no. | Description                            | EUR   |
|----------|--|-------|
| 420 695  | Oil collecting tray for HGV drive axle | 16.90 |

## Axle caps for HGV rear axles

For axle sealing after the axle shaft has been removed. Avoids environmental damage and soiling of wheels due to escaping oil, and protects wheel bearings. Delivered in pairs.



900 885



900 835



900 815



| Code no. | Description | Vehicle type                | EUR/pair |
|----------|-------------|-----------------------------|----------|
| 900 815  | Axle cap    | MB, SETRA, ZF, NEOPLAN      | 54.90    |
| 900 825  | Axle cap    | MB Atego                    | 45.90    |
| 900 835  | Axle cap    | MAN-TGA, MAN-F2000, NEOPLAN | 49.90    |
| 900 845  | Axle cap    | MAN-F90, TG-M, VOLVO        | 49.90    |
| 900 865  | Axle cap    | DAF XF 95/105, NEOPLAN      | 49.90    |
| 900 885  | Axle cap    | VAN HOOL                    | 49.90    |
| 900 915  | Axle cap    | VOLVO FM                    | 45.90    |
| 900 935  | Axle cap    | VOLVO B12/RENAULT           | 45.90    |
| 900 965  | Axle cap    | IVECO STRALIS/EUROTRUCKER   | 45.90    |
| 900 985  | Axle cap    | IVECO EUROTECH/EUROCARGO    | 45.90    |

## Axle cap set

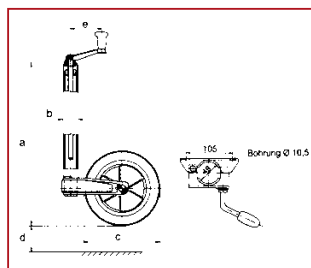
Complete set with a pair each of all of our axle caps, including pressure distributing washers and an oil collecting



save  
101.90  
Euros

| Code no. | Description               | Version  | EUR    |
|----------|---------------------------|----------|--------|
| 420 685  | Axle cap set with washers | 10 pairs | 399.00 |





## Support wheels

They offer a maximum of stability and fulfil requirements of load capacity, weight and function. Hot-dip galvanised tubing and rolled spindles with trap-ezoid thread grant high stability.

| Code no. | Description                          | Load cap.    | A      | B     | C           | D      | E      | EUR   |
|----------|--------------------------------------|--------------|--------|-------|-------------|--------|--------|-------|
| 620 207  | Steel support wheel                  | up to 200 kg | 500 mm | 48 mm | 200 x 50 mm | 280 mm | 100 mm | 13.60 |
| 620 307  | Support wheel with air tyre          | up to 250 kg | 540 mm | 48 mm | 260 x 85 mm | 280 mm | 100 mm | 29.00 |
| 620 507  | Support wheel with solid rubber tyre | up to 500 kg | 540 mm | 60 mm | 200 x 50 mm | 280 mm | 140 mm | 39.90 |
| 620 407  | Clamp collar                         |              |        | 48 mm |             |        |        | 3.40  |
| 620 607  | Clamp collar                         |              |        | 60 mm |             |        |        | 15.50 |

## Brake cables for trailers

M8

M12 x 1.5

Lug 15 x 7 mm



### Brake cables "old" version

Brake cables "old" version, suitable for ALKO, Knott, BPW, Peitz, Nieper etc.

HL = sheath length in mm

| Code no. | Description | HL      | EUR   |
|----------|-------------|---------|-------|
| 611 103  | Brake cable | 900 mm  | 10.90 |
| 611 113  | Brake cable | 1000 mm | 11.70 |
| 611 123  | Brake cable | 1175 mm | 12.50 |
| 611 133  | Brake cable | 1325 mm | 13.90 |

M8

M12 x 1.5

Bell 22 mm

Nipple



### Brake cables "new" version, bell 22 mm

Brake cable "new" version, suitable for Knott, Nieper, Schlegel, Westfalia. Bell 22 mm and nipple

HL = sheath length in mm

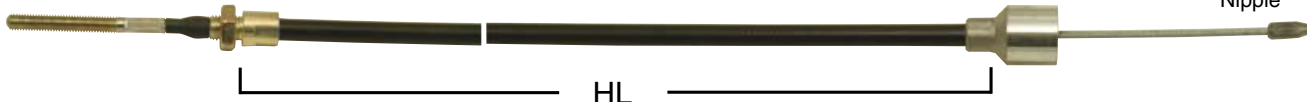
| Code no. | Description | Bell  | HL      | EUR   |
|----------|-------------|-------|---------|-------|
| 611 143  | Brake cable | 22 mm | 930 mm  | 12.30 |
| 611 153  | Brake cable | 22 mm | 1030 mm | 13.00 |
| 611 163  | Brake cable | 22 mm | 1130 mm | 13.80 |
| 611 173  | Brake cable | 22 mm | 1230 mm | 14.20 |
| 611 183  | Brake cable | 22 mm | 1330 mm | 14.60 |
| 611 193  | Brake cable | 22 mm | 1430 mm | 15.40 |

M8

M 12 x 1.5

Bell 26 mm

Nipple



### Brake cables "new" version, bell 26 mm

Brake cable "new" version, suitable for ALKO and BPW. Bell 26 mm and nipple

HL = sheath length in mm

| Code no. | Description | Bell  | HL      | EUR   |
|----------|-------------|-------|---------|-------|
| 611 203  | Brake cable | 26 mm | 1020 mm | 11.40 |
| 611 213  | Brake cable | 26 mm | 1130 mm | 12.10 |
| 611 223  | Brake cable | 26 mm | 1320 mm | 13.10 |
| 611 233  | Brake cable | 26 mm | 1430 mm | 13.80 |

Collar nut M 8

### Collar nut M 8

Collar nut M 8. Fits all brake cables with thread M 8



Fork head M 8

### Fork head

Fork head M 8 incl. locking. Fits all brake cables with thread M 8, incl. locking bolt

| Code no. | Description    | EUR  |
|----------|----------------|------|
| 611 503  | Fork head      | 2.90 |
| 611 513  | Collar nut M 8 | 0.95 |

## Brake shoes

All brake shoes have been produced according to EU directives and are TÜV approved. 1 kit = 1 axle.

Delivery complete incl. springs.



| Code no. | Suitable for  | EUR   |
|----------|---|-------|
| 611 003  | ALKO 2050/2051  | 44.70 |
| 611 013  | Knott 20-2425, BPW S2005-5RASK, Nieper, Schlegel, Westfalia | 48.00 |
| 611 023  | BPW S2005-7 RASK  | 47.00 |

## Wheel bearing kits for trailers

### Kit of compact bearings

Kit of compact bearings suitable for ALKO, Knott, BPW etc.  
incl. flange nut M 24 x 1.5



| Code no. | Description              | Suitable for     | Dimensions      | EUR   |
|----------|--------------------------|------------------|-----------------|-------|
| 611 423  | Kit of compact bearings  | ALKO, Knott, BPW | 34 x 64 x 37 mm | 23.10 |
| 611 433  | Kit of compact bearings  | ALKO, Knott, BPW | 39 x 72 x 37 mm | 27.20 |
| 611 413  | Taper roller bearing kit | Knott            |                 | 23.90 |
| 611 403  | Taper roller bearing kit | ALKO             |                 | 19.90 |

## Overrun damper

Overrun damper suitable for Knott overrun hitches, Knott AFE up to 2000 kg, KF 17-20 / KR 20, KFG 20 etc.



| Code no. | Suitable for                                 | EUR   |
|----------|--|-------|
| 611 363  | Knott AFE -2000 Kg, KF 17-20 / KR 20, KFG 20 | 46.50 |
| 611 373  | ALKO Typ 251 S - ETI.                        | 58.90 |

## Boots for overrun devices



| Code no. | Description | Folds | Suitable for        | Ø        | EUR  |
|----------|-------------|-------|---------------------|----------|------|
| 611 303  | Boot        | 4     | ALKO                | 52/55 mm | 7.60 |
| 611 313  | Boot        | 5     | Knott, Grau, Grümer | 55/60 mm | 9.10 |
| 611 323  | Boot        | 3     | Knott               | 55/65 mm | 7.60 |

## Breakaway cable

Suitable for all braked trailers. Standard length 1000mm.  
German quality



| Code no. | Description                                      | Length  | EUR  |
|----------|--|---------|------|
| 611 333  | Breakaway cable with carabiner and spreader ring | 1000 mm | 3.90 |

**DON'T TAKE A  
CHANCE!**

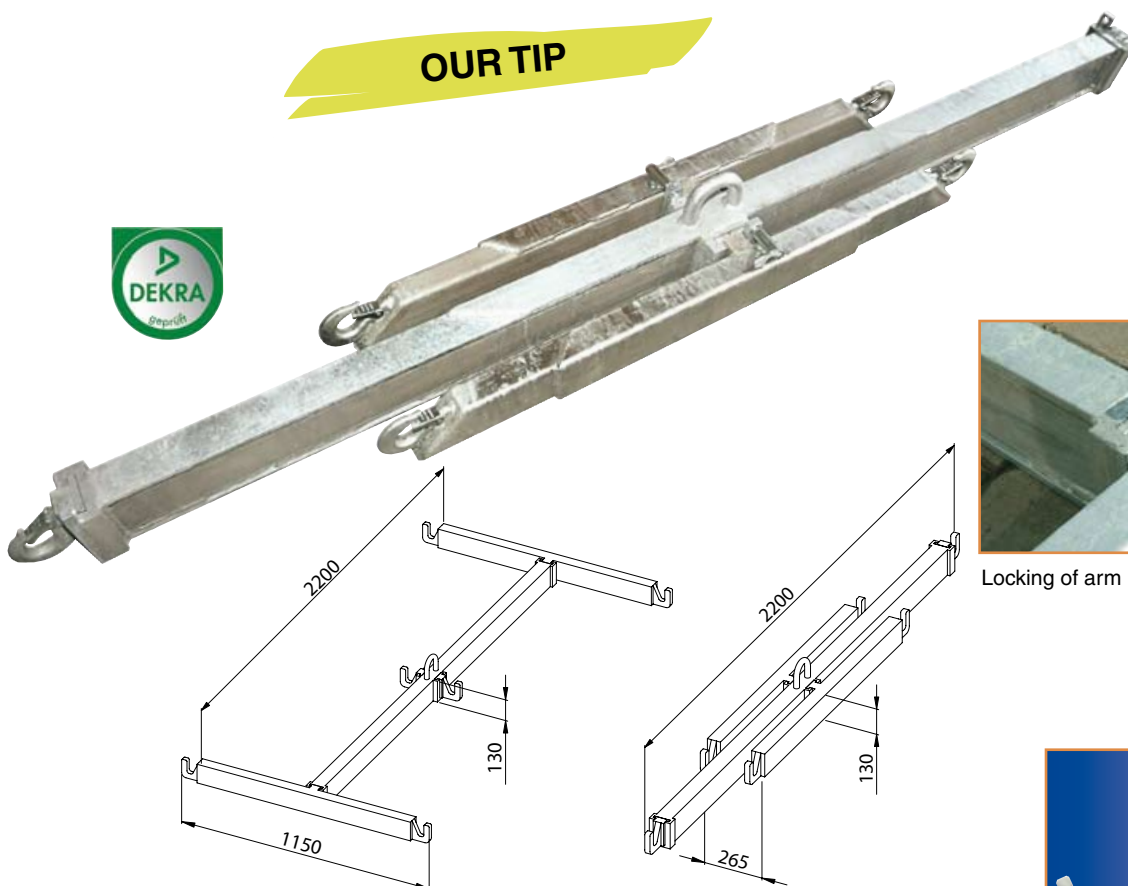


All of our lifting frames and equipment comply with the European machine directive 2006/42/EG and are DIN EN-13155 Dekra-tested and approved.

## Combinable lifting frame KT

Our best-selling lifting frame with lots of improvements from the field. The ideal lifting gear whether in combination with wheel grippers, lifting straps or lifting mats. Thanks to its detachable support arms it is very easy to store. The detached arms can be replaced by hooks so that the lifting frame can be used as a lifting beam with a 2-point attachment. Hot-dip galvanised construction, so very lightweight despite high lifting capacity, low profile of only 200 mm.

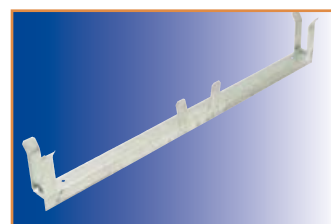
**OUR TIP**



Hook for application of roof strap



Locking of arm



Holder



**ACCESSORY  
RECOMMENDATION**



Stabilising bracket 600 065 prevents the lifted vehicle from sloping.



600 065

| Code no. | Description                         | Width | Load cap.     | Weight | EUR    |
|----------|-------------------------------------|-------|---------------|--------|--------|
| 600 005  | Combinable lifting frame KT-2       | 2.2 m | up to 2000 kg | 75 kg  | 745.00 |
| 600 015  | Combinable lifting frame KT-3       | 2.2 m | up to 3500 kg | 79 kg  | 800.00 |
| 600 035  | Combinable lifting frame KT-324     | 2.4 m | up to 2800 kg | 96 kg  | 990.00 |
| 600 055  | Holder for combinable lifting frame |       |               | 8 kg   | 75.00  |
| 600 065  | Stabilising bracket                 |       | up to 3500 kg | 8 kg   | 92.00  |



## Multi-purpose lifting frame KT-AE

Load vehicles faster and easier. Our popular multi-purpose lifting frame now comes with telescopic arms, making it even easier to get the vehicle balanced. Arms adjustable from 1.25m to 1.88m. The upper additional hooking points are standard. The detached arms can be replaced with insertable hook modules Arms with end hooks so that the crossbar can also be used as a lifting beam with a 2-point attachment. Galvanised.



Hook for application of roof strap



600 165

Convinces  
with clever  
details



| Code no. | Description                       | Version                 | Width | Load cap.     | Weight | EUR      |
|----------|-----------------------------------|-------------------------|-------|---------------|--------|----------|
| 600 155  | Combinable lifting frame KT-322AE | telescopic lifting arms | 2.2 m | up to 3500 kg | 100 kg | 1,130.00 |
| 600 195  | Combinable lifting frame KT-324AE | telescopic lifting arms | 2,4 m | up to 2800 kg | 115 kg | 1,320.00 |
| 600 165  | Hook module pair, galvanised,     |                         |       |               |        |          |

## Multi-purpose lifting frame KT-E



with 2 ad-  
ditional hook  
eyes



| Code no. | Description                         | Version                     | Width | Load cap.     | Weight | EUR      |
|----------|-------------------------------------|-----------------------------|-------|---------------|--------|----------|
| 600 075  | All-rounder lifting frame KT-3E     | 2 additional hooking points | 2.2 m | up to 3500 kg | 81 kg  | 885.00   |
| 600 275  | Multi-purpose lifting frame KT-324E | 2 additional hooking points | 2.4 m | up to 2800 kg | 98 kg  | 1,075.00 |
| 600 055  | Holder for combinable lifting frame |                             |       |               | 8 kg   | 75.00    |
| 600 065  | Stabilising bracket                 |                             |       | up to 3500 kg | 8 kg   | 92.00    |
| 530 245  | Round sling                         |                             |       |               |        | 13.50    |
| 551 165  | Shackle                             |                             |       |               | 1 kg   | 6.00     |



### Recovery crossbar type BTA

Lifting and loading made easy. Telescopic recovery crossbar type BTA, for simple, quick recovery and loading of cars and vans. Easily stowed, disconnects in 3 parts and suitable for wider vehicles. Damage-free lifting and loading due to a total possible width of 2.8m. Delivery comes complete with shackles and lifting straps. Hot-dip galvanised.

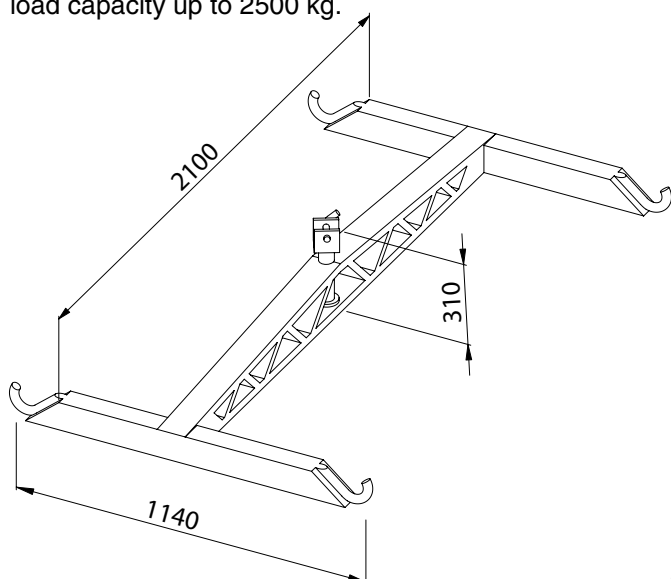


| Code no. | Description                | Width       | Load cap.     | Weight | EUR/set |
|----------|----------------------------|-------------|---------------|--------|---------|
| 600 395  | Recovery crossbar type BTA | 2.2 - 2.8 m | up to 3500 kg | 45 kg  | 739.00  |

| Code no. | Description                     | Belt width | Length | Working length | Loading        | EN     | EUR   |
|----------|---------------------------------|------------|--------|----------------|----------------|--------|-------|
| 500 625  | Lifting band                    | 25 mm      | 3.5 m  | 1.75 m         | 1000 kg U-form | 1492-1 | 15.30 |
| 500 703  | Band with 2 special wheel hooks |            | 0.5 m  |                | up to 670 kg   | 1492-1 | 29.00 |
| 500 485  | Loop strap as single item       | 35 mm      | 0.4 m  |                | up to 750 kg   | 1492-1 | 12.50 |

### Lifting gear "light"

This lifting gear "light" is made of hot-dip zinc-plated steel and has an offset centre of gravity and a swivelling hook. Very light construction and load capacity up to 2500 kg.



**ACCESSORY  
RECOMMENDATION**

Lifting strap, code no. 500  
065,  
page 183



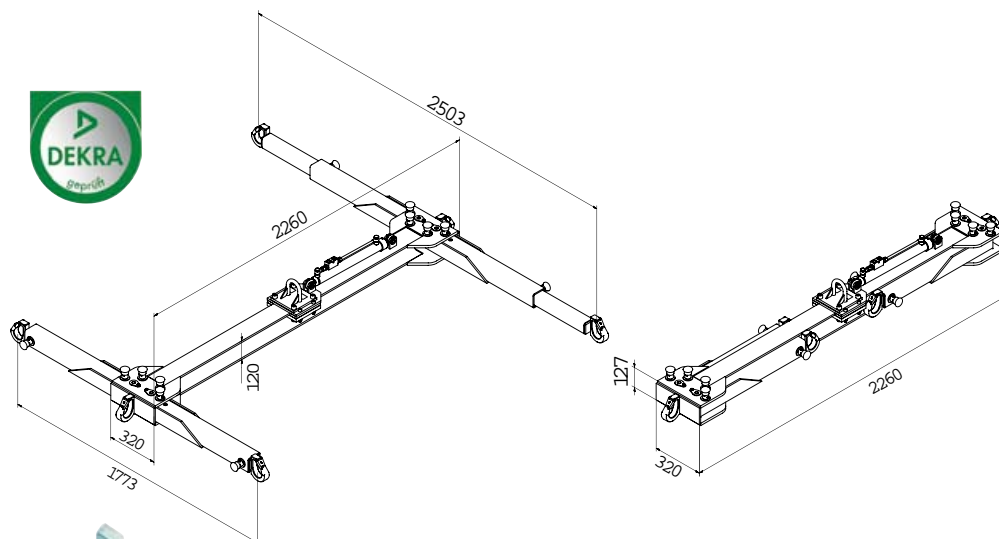
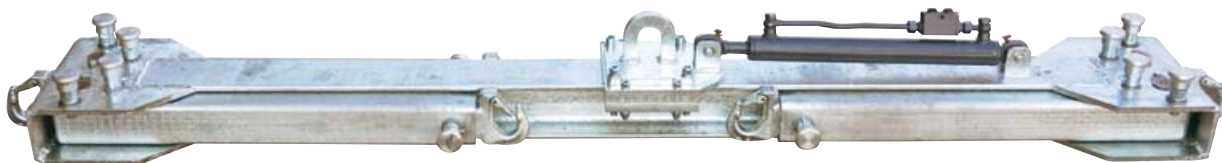
| Code no. | Description          | Dimensions         | Load cap.     | Weight | EUR    |
|----------|----------------------|--------------------|---------------|--------|--------|
| 600 106  | Lifting gear "light" | L 2100 x W 1140 mm | up to 2500 kg | 52 kg  | 875.00 |



## Heavy load Hydro lifting gear

Hot-dip galvanised, high quality steel, balance point up to 400mm adjustable.  
Double T girder for increased stability, positioning bolts for the arms cannot be lost.  
Unit is collapsible for easier storage. Adjusting cylinder with double sided locking valve for maximum safety.  
Carrying capacity unextended at 1.8m: 3.5t, fully extended at 2.5m: 3.0t

Offers more  
- costs less



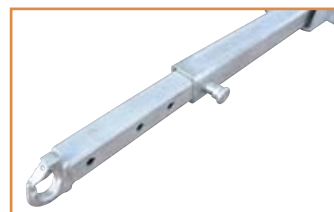
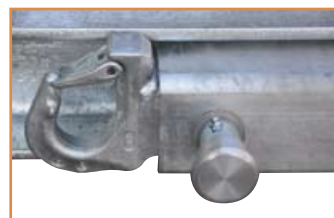
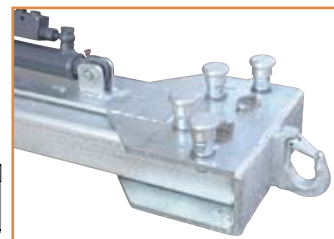
600 547  
retainer



600 423



600 595



| Code no. | Description                   | Movement | Load cap.     | Weight | EUR      |
|----------|-------------------------------|----------|---------------|--------|----------|
| 600 572  | Heavy load Hydro lifting gear | 400 mm   | up to 3500 kg | 180 kg | 1,845.00 |

| Code no. | Description                                       | Version | EUR    |
|----------|---|---------|--------|
| 600 547  | Retainer for heavy load Hydro lifting gear (pair) |         |        |
| 600 595  | Manual rotating head for lifting frames           |         | 199.00 |
| 600 423  | Crane hose kit (pair)                             | 2-piece |        |



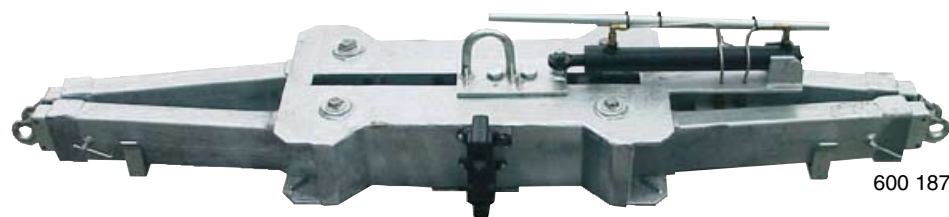


## Hydro lifting frame type X

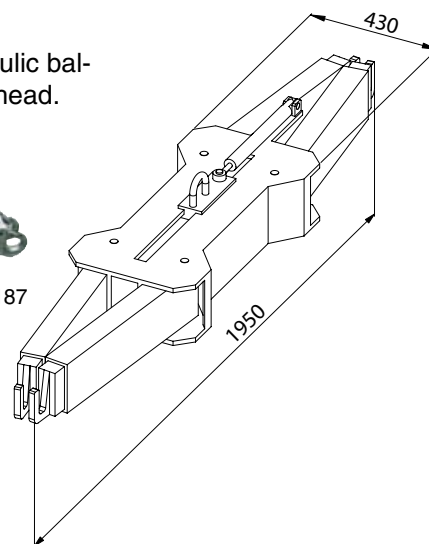
The Hydro crane lifting frames (X shape) can be operated in combination with wheel grippers or special lifting straps. All versions are hot-dip galvanised for a longer life and come with mounts and double action cylinders.



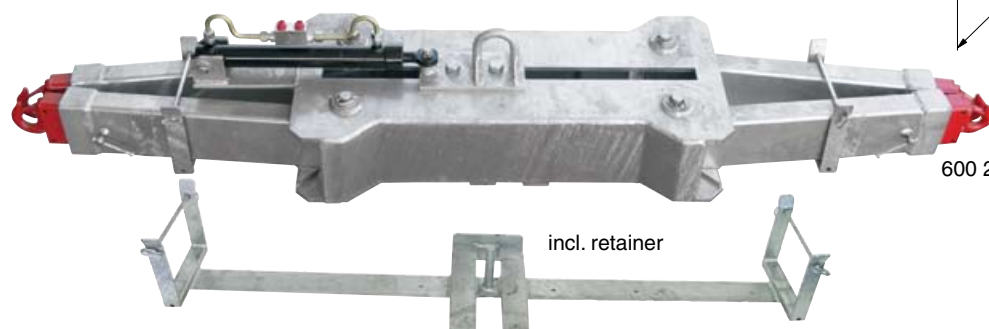
The version 600 187 has a hydraulic hand pump and therefore allows a hydraulic balance of centre of gravity without additional hydraulic equipment on the crane head.



600 187

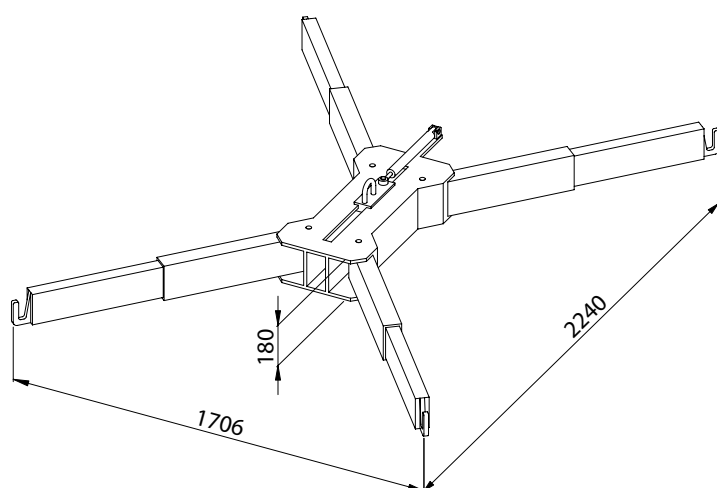


The versions 600 297 and 600 307 are standard-equipped with double-sided lock valves for maximum safety.



600 297 + 600 307

incl. retainer



| Code no. | Description                       | Movement | Load cap.     | Weight | EUR      |
|----------|-----------------------------------|----------|---------------|--------|----------|
| 600 187  | Hydro lifting gear with hand pump | 300 mm   | up to 2000 kg | 135 kg | 1,950.00 |
| 600 307  | Hydro lifting gear type X         | 300 mm   | up to 2000 kg | 128 kg | 1,680.00 |
| 600 297  | Hydro lifting gear type X         | 300 mm   | up to 2800 kg | 160 kg | 2,090.00 |

| Code no. | Description           | Version | Hose length | EUR/pair |
|----------|-----------------------|---------|-------------|----------|
| 600 423  | Crane hose kit (pair) | 2-piece | 1.2 m       | 179.00   |

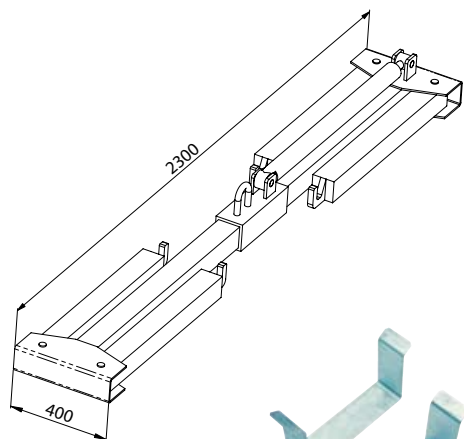
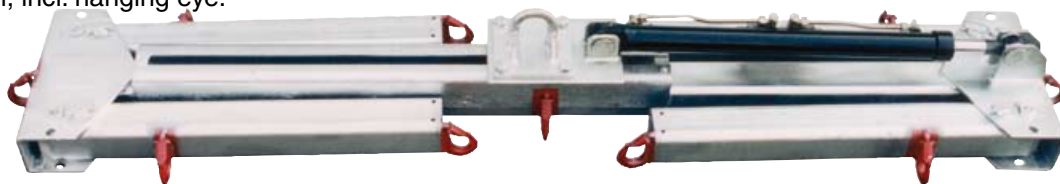


600 423

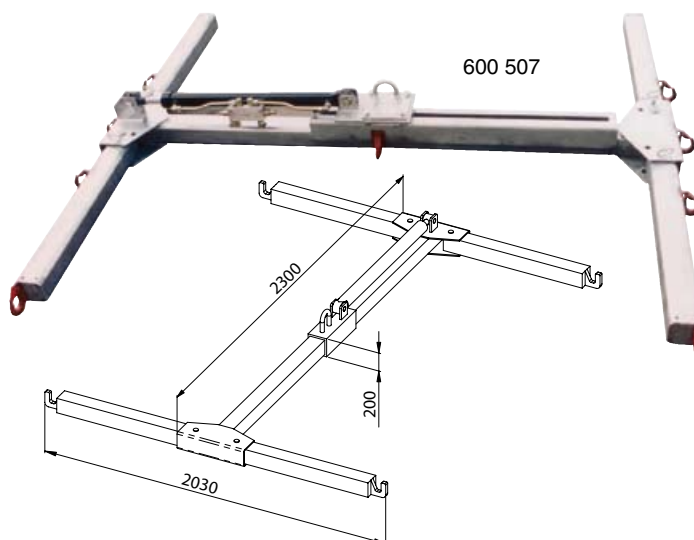
## Hydro lifting frame type H

The Hydro lifting frame (H-form) has laterally tiltable support arms and additional hooks for lifting with straps via car roof. In center of gravity approximately 600 mm hydraulically adjustable.

Installation height 250 mm, incl. hanging eye.



600 517 retainer



600 507

| Code no. | Description                              | Movement | Load cap. | Weight | EUR      |
|----------|--|----------|-----------|--------|----------|
| 600 507  | Hydro lifting gear                       | 600 mm   | 2000 kg   | 250 kg | 1,990.00 |
| 600 517  | Retainer for lifting gear 600 507 (pair) |          |           |        |          |



Swivelling hook



600 627 retainer

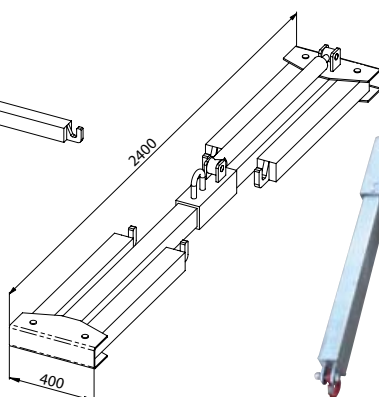
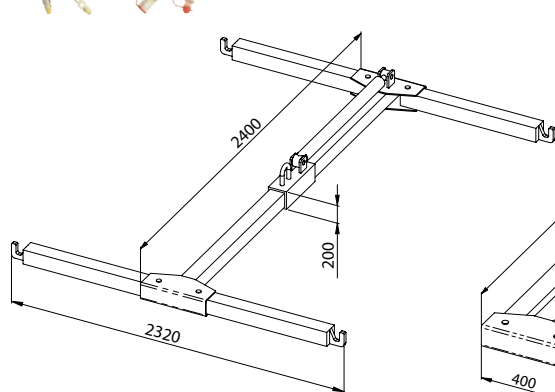
## Heavy load Hydro lifting frames

The heavy load Hydro lifting frame has outswinging support arms. Center of gravity can be hydraulically offset roughly 700 mm. Especially suitable for 4x4 vehicles. Optionally available with swivelling hook.

Construction height 350 mm incl. hanging eye.



600 423



| Code no. | Description  | Movement | Load cap.     | Weight | EUR      |
|----------|--|----------|---------------|--------|----------|
| 600 607  | Heavy load Hydro lifting gear                        | 700 mm   | up to 3500 kg | 160 kg | 2,695.00 |
| 600 617  | Heavy load Hydro lifting gear with swivelling hook   | 700 mm   | up to 3500 kg | 160 kg | 2,990.00 |
| 600 627  | Retainer for lifting gear 600 607 and 600 617 (pair) |          |               |        |          |
| 600 423  | Crane hose kit (pair)                                |          |               |        |          |



## Hydraulic rotators

Kinshofer hydraulic rotator with 4-hole mounting plate, 360° turning, 2 oil-pressure bushings for hydraulic balancing.

| Code no. | Description       | Load cap. | EUR      |
|----------|-------------------|-----------|----------|
| 600 415  | Hydraulic rotator | 4500 kg   | 1,190.00 |

## Lifting units

Element between rotator and crane



| Code no. | Description  | Type      | EUR    |
|----------|--------------|-----------|--------|
| 600 463  | Lifting unit | Palfinger | 259.00 |
| 600 473  | Lifting unit | MKG       | 259.00 |
| 600 483  | Lifting unit | HMF       | 259.00 |
| 600 493  | Lifting unit | Tirre     | 409.00 |

## Crane hose kit (pair)

Connects the rotator or off-set cylinder, one side with size 3 plug-in couplings, the other side with G 3/8" connections.



## Rotator hose kit

For a hydraulic connection between rotator and off-set cylinder, 3/8" connections.



## Connection kit for rotator and lifting frame



| Code no. | Description                                  | Version  | Hose length | EUR/set | EUR/pair |
|----------|--|----------|-------------|---------|----------|
| 600 423  | Crane hose kit (pair)                        | 2-piece  | 1.2 m       |         | 179.00   |
| 600 433  | Rotator hose kit                             | 2-piece  | 1.5 m       |         | 149.00   |
| 600 442  | Connection kit for rotator and lifting frame | 16-piece |             | 11.20   |          |



600 595



600 533



## Manual rotating head for lifting frames

Space-saving manual rotating head suitable for all lifting frames with 140 x 140mm hole pattern. Rotates endlessly, with brass bearing ring, greaseable, galvanised.

| Code no. | Description                             | Type      | Hole picture | Load cap. | EUR    |
|----------|---|-----------|--------------|-----------|--------|
| 600 595  | Manual rotating head for lifting frames |           | 140 x 140 mm | 3500 kg   | 199.00 |
| 600 533  | Lifting unit                            | Palfinger |              | 3500 kg   | 179.00 |



## Vario wheel grippers

The established wheel gripper with excellent value for money for damage-free lifting of passenger cars. Can be used without removing hubcaps. The wheel grippers are made of zinc-plated steel of very high quality. They can be folded completely and therefore can be stowed very simply. Easy adjustment of support arms and spacer thanks to spring locking mechanism with pull-button. Practical in use, adjustable.

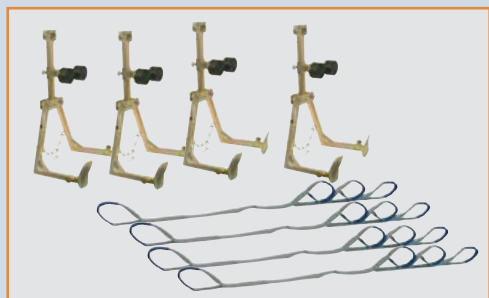


### Scope of Delivery:

4 wheel grippers with 4 lifting belts (code-no. 500 015, see page 201)



3 rubber cushions - improved distribution of contact surface - ideal for alloy wheels



| Code no. | Description                                      | Tyre width   | Wheel size | Load cap.     | EUR/set  |
|----------|--|--------------|------------|---------------|----------|
| 600 215  | Wheel gripper with lifting belts (kit of 4 pcs.) | up to 355 mm | up to 19 " | up to 2000 kg | 1,090.00 |

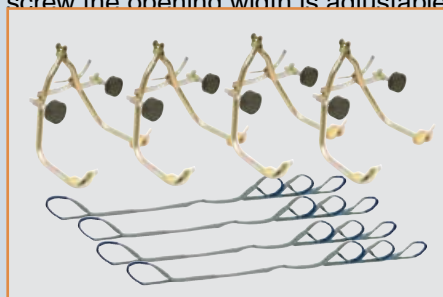
## Wheel grippers

Our lightweight - only 9.5 kg per wheel gripper. For damage-free lifting of passenger cars. Can be used without removing hub caps. Made of high quality steel tube, zinc-plated. Very handy but nevertheless robust. With the fixable snapping system with toggle screw the opening width is adjustable up to 19".



### Scope of Delivery:

4 wheel grippers with 4 lifting belts (code-no. 500 015, see page 201)



| Code no. | Description                                      | Tyre width   | Wheel size | Load cap.     | EUR/set  |
|----------|--|--------------|------------|---------------|----------|
| 600 255  | Wheel gripper with lifting belts (kit of 4 pcs.) | up to 295 mm | up to 19 " | up to 2000 kg | 1,598.00 |

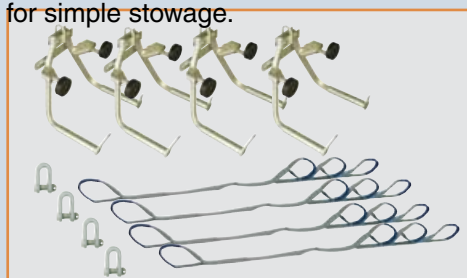
## Heavy-duty wheel grippers

XXL - for extremely big wheels. For damage-free lifting of passenger cars. The wheel grippers are made of zinc-plated steel of very high quality. They are characterised by their robust construction and are adjustable from 12 - 19 ". For tyre widths up to 315 mm. The wheel grippers can be folded for simple stowage.



### Scope of Delivery:

incl. 4 wheel grippers with lifting belts (code-no. 500 015, see page 201) and 4 shackles (code-no. 550 125, see page 207)



| Code no. | Description   | Tyre width   | Wheel size | Load cap.     | EUR/set  |
|----------|---|--------------|------------|---------------|----------|
| 600 317  | Heavy-duty wheel grippers with lifting belts and shackles (kit of 4 pcs.) | up to 315 mm | 12-19 "    | up to 3500 kg | 1,950.00 |

## Aluminium loading ramps type VN - when height is the major factor!

Only 65 mm high. Ideal for sliding under the flatbed.

When placing an order, please state the seating type and the side type you require after the code no.

For example: 482107/1H

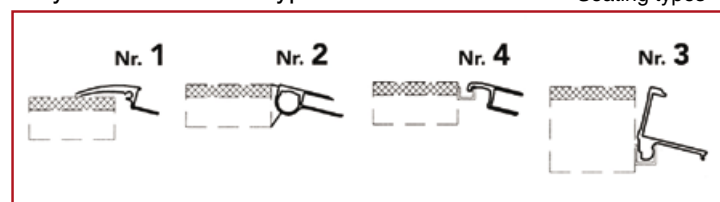
Surface



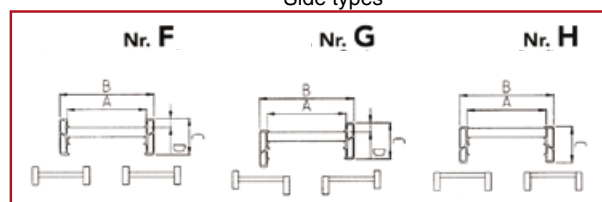
| Code no. | Description  | Length  | A      | B      | C     | Weight apiece | Load cap./pair | EUR/pair |
|----------|--------------|---------|--------|--------|-------|---------------|----------------|----------|
| 482 107  | Loading ramp | 2000 mm | 320 mm | 400 mm | 65 mm | 22 kg         | 2500 kg        | 597.00   |
| 482 117  | Loading ramp | 2200 mm | 320 mm | 400 mm | 65 mm | 24 kg         | 2200 kg        | 651.00   |
| 482 127  | Loading ramp | 2400 mm | 320 mm | 400 mm | 65 mm | 27 kg         | 2100 kg        | 735.00   |
| 482 137  | Loading ramp | 2600 mm | 320 mm | 400 mm | 65 mm | 28 kg         | 1900 kg        | 742.00   |
| 482 147  | Loading ramp | 2000 mm | 400 mm | 480 mm | 65 mm | 24 kg         | 2500 kg        | 611.00   |
| 482 157  | Loading ramp | 2200 mm | 400 mm | 480 mm | 65 mm | 27 kg         | 2200 kg        | 688.00   |
| 482 167  | Loading ramp | 2400 mm | 400 mm | 480 mm | 65 mm | 29 kg         | 2100 kg        | 740.00   |
| 482 177  | Loading ramp | 2600 mm | 400 mm | 480 mm | 65 mm | 31 kg         | 1900 kg        | 758.00   |

Only available in side type H.

Seating types



Side types



## Aluminium loading ramps type VNL

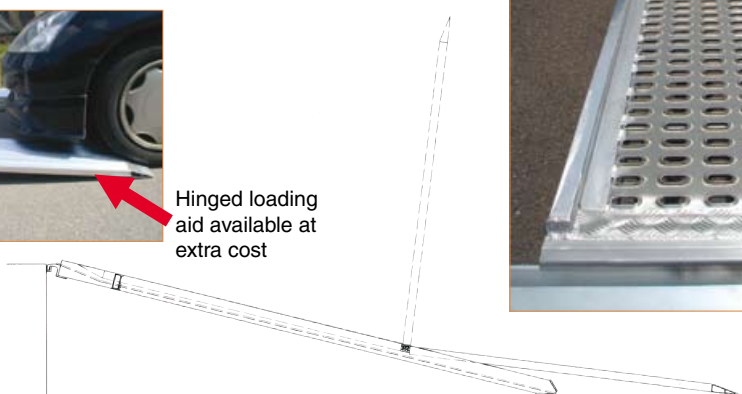
Super grip and ideal for car transportation. The surface consists of perforated metal sheet type "Kässbohrer". These loading ramps can be ordered with the optional integrated hinged loading aid which you can fold out if necessary. So you get a very flat inclination to load the vehicle.



Hinged loading aid available at extra cost



When placing an order, please state the seating type and side type you require. Only available with side type F.



| Code no. | VH type | Length  | A      | B      | C     | Weight apiece | Load cap./pair | EUR/pair |
|----------|---------|---------|--------|--------|-------|---------------|----------------|----------|
| 482 207  | 1       | 2000 mm | 320 mm | 400 mm | 70 mm | 22 kg         | 2600 kg        | 830.00   |
| 482 217  | 1       | 2200 mm | 320 mm | 400 mm | 70 mm | 24 kg         | 2400 kg        | 887.00   |
| 482 227  | 1       | 2400 mm | 320 mm | 400 mm | 70 mm | 26 kg         | 2100 kg        | 953.00   |
| 482 237  | 1       | 2600 mm | 320 mm | 400 mm | 70 mm | 28 kg         | 1800 kg        | 991.00   |
| 482 247  | 2       | 2000 mm | 400 mm | 480 mm | 70 mm | 23 kg         | 2600 kg        | 857.00   |
| 482 257  | 2       | 2200 mm | 400 mm | 480 mm | 70 mm | 25 kg         | 2400 kg        | 912.00   |
| 482 267  | 2       | 2400 mm | 400 mm | 480 mm | 70 mm | 27 kg         | 2100 kg        | 998.00   |
| 482 277  | 2       | 2600 mm | 400 mm | 480 mm | 70 mm | 29 kg         | 1800 kg        | 1,041.00 |

Please contact us for individual sizes.

## Extra charge for hinged loading aids

| Code no. | Description        | Type | Width  | Length  | C     | Weight apiece | Load cap./pair | EUR/pair |
|----------|--------------------|------|--------|---------|-------|---------------|----------------|----------|
| 482 307  | Hinged loading aid | 1    | 270 mm | 1200 mm | 40 mm | 11 kg         | 2000 kg        | 318.00   |
| 482 407  | Hinged loading aid | 2    | 350 mm | 1200 mm | 40 mm | 13 kg         | 2200 kg        | 378.00   |

## Loading aids

For vehicles with lowered suspension or defective chassis. A simple and quick option to lessen the inclination before loading a vehicle on the flatbed. The loading aids are made of aluminium - therefore very light and easy to place.

The hinged version can be stored very easily in a tool box.



Stowable in tool boxes

| Code no. | Description        | Width  | Height | Length  | Weight apiece | Load cap./pair | EUR/pair |
|----------|--------------------|--------|--------|---------|---------------|----------------|----------|
| 480 007  | Loading aid        | 270 mm | 30 mm  | 1000 mm | 8 kg          | 1800 kg        | 191.00   |
| 480 107  | Loading aid        | 400 mm | 50 mm  | 1000 mm | 10 kg         | 2200 kg        | 242.00   |
| 480 207  | Loading aid        | 270 mm | 30 mm  | 1300 mm | 10 kg         | 1800 kg        | 226.00   |
| 480 307  | Loading aid        | 400 mm | 50 mm  | 1300 mm | 13 kg         | 2200 kg        | 287.00   |
| 480 217  | Loading aid hinged | 270 mm | 30 mm  | 1300 mm | 12 kg         | 1800 kg        | 340.00   |

## Aluminium loading ramps type VF for vehicles with pneumatic tyres

When placing an order, please state the seating type and side type you require.



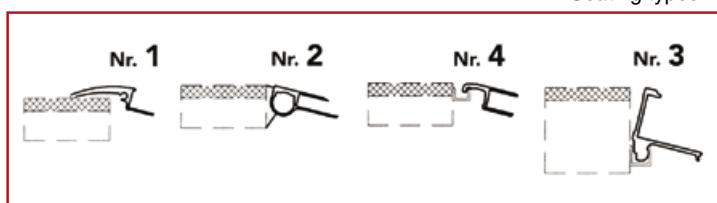
Surface



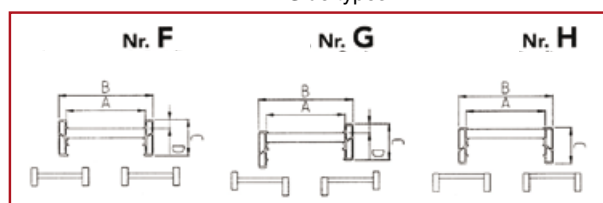
| Code no. | Length  | A      | B      | C      | Weight apiece | Load cap./pair | EUR/pair |
|----------|---------|--------|--------|--------|---------------|----------------|----------|
| 484 107  | 1920 mm | 300 mm | 350 mm | 65 mm  | 14 kg         | 1300 kg        | 388.00   |
| 484 117  | 2480 mm | 300 mm | 350 mm | 65 mm  | 17 kg         | 1100 kg        | 446.00   |
| 484 127  | 3040 mm | 300 mm | 350 mm | 65 mm  | 21 kg         | 700 kg         | 553.00   |
| 484 137  | 1920 mm | 400 mm | 450 mm | 65 mm  | 16 kg         | 1300 kg        | 442.00   |
| 484 147  | 2480 mm | 400 mm | 450 mm | 65 mm  | 20 kg         | 1100 kg        | 529.00   |
| 484 157  | 3040 mm | 400 mm | 450 mm | 65 mm  | 25 kg         | 700 kg         | 628.00   |
| 482 607  | 1920 mm | 300 mm | 340 mm | 93 mm  | 15 kg         | 1900 kg        | 452.00   |
| 482 627  | 2480 mm | 300 mm | 340 mm | 93 mm  | 19 kg         | 1500 kg        | 565.00   |
| 482 647  | 3040 mm | 300 mm | 340 mm | 93 mm  | 23 kg         | 1150 kg        | 662.00   |
| 482 687  | 1920 mm | 400 mm | 440 mm | 93 mm  | 18 kg         | 1900 kg        | 483.00   |
| 482 707  | 2480 mm | 400 mm | 440 mm | 93 mm  | 23 kg         | 1500 kg        | 634.00   |
| 482 727  | 3040 mm | 400 mm | 440 mm | 93 mm  | 27 kg         | 1150 kg        | 688.00   |
| 482 807  | 3040 mm | 400 mm | 452 mm | 120 mm | 36 kg         | 3100 kg        | 874.00   |
| 482 827  | 3600 mm | 400 mm | 452 mm | 120 mm | 42 kg         | 2600 kg        | 998.00   |

Please contact us for individual sizes.

Seating types



Side types



## Slide blocks

Slide blocks for an easier sliding of loading ramps into their storage. Can be ordered as accessory for all loading ramps and are then delivered pre-mounted on the ramps.

| Code no. | Description  | EUR  |
|----------|--|------|
| 482 187  | Set of slide blocks (4 pieces for 1 pair of ramps) | 8.90 |

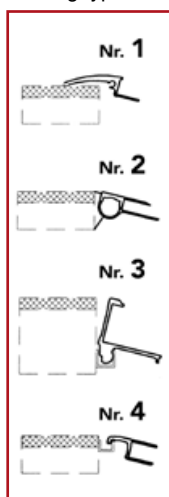


ACCESSORY  
RECOMMENDATION

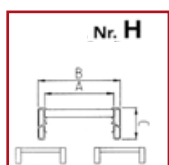




## Seating types



## Side type H



## Aluminium loading ramps type VG

For small passenger cars and quads but also very suitable for small castors and wheels. Kerb height only 45 mm. Very comfortable loading thanks to very tapered sill.



Surface



| Code no. | Length  | B      | C     | Weight apiece | Load cap./pair | EUR/pair |
|----------|---------|--------|-------|---------------|----------------|----------|
| 483 607  | 1800 mm | 320 mm | 48 mm | 15 kg         | 2100 kg        | 442.00   |
| 483 617  | 2100 mm | 320 mm | 48 mm | 18 kg         | 1800 kg        | 499.00   |
| 483 627  | 2400 mm | 320 mm | 48 mm | 21 kg         | 1500 kg        | 575.00   |
| 483 637  | 1800 mm | 410 mm | 48 mm | 20 kg         | 3000 kg        | 545.00   |
| 483 647  | 2100 mm | 410 mm | 48 mm | 24 kg         | 2600 kg        | 631.00   |
| 483 657  | 2400 mm | 410 mm | 48 mm | 27 kg         | 2200 kg        | 698.00   |
| 484 167  | 1800 mm | 500 mm | 48 mm | 23 kg         | 3500 kg        | 616.00   |
| 484 177  | 2100 mm | 500 mm | 48 mm | 27 kg         | 3000 kg        | 718.00   |
| 484 187  | 2400 mm | 500 mm | 48 mm | 30 kg         | 2600 kg        | 791.00   |

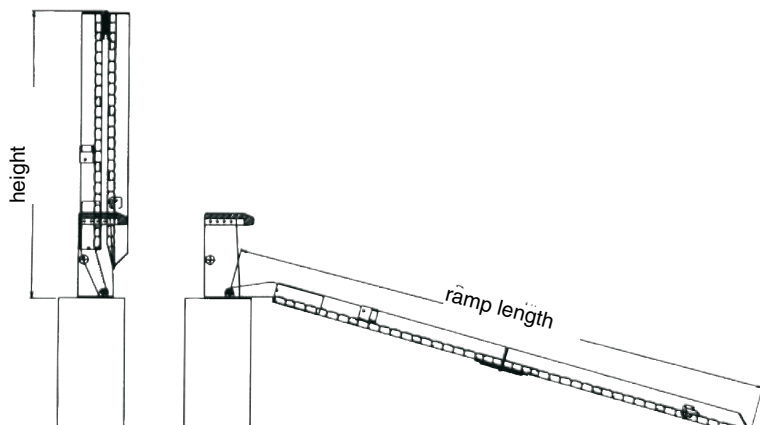
Other dimensions on request.

Important: state seating type when ordering.

## Built-in loading ramps hinged

Thanks to gas struts simple to fold and unfold without any effort. Automatic locking on both sides, extremely non-slip surface, step-free connection to vehicle floor. 93 mm high, optional quick-change attachment to use the ramp in several vehicles (see table).

Construction: ridge on both sides.



| Code no. | Necessary vehicle clearance height | Height of spar | Length  | Inner width | Outer width | Load cap. | Weight | EUR      |
|----------|------------------------------------|----------------|---------|-------------|-------------|-----------|--------|----------|
| 484 007  | 1280 mm                            | 93 mm          | 2200 mm | 800 mm      | 838 mm      | 500 kg    | 40 kg  | 956.00   |
| 484 017  | 1410 mm                            | 93 mm          | 2400 mm | 800 mm      | 838 mm      | 500 kg    | 42 kg  | 972.00   |
| 484 027  | 1570 mm                            | 93 mm          | 2800 mm | 800 mm      | 838 mm      | 400 kg    | 47 kg  | 1,016.00 |
| 484 037  | 1410 mm                            | 93 mm          | 2400 mm | 1000 mm     | 1038 mm     | 500 kg    | 48 kg  | 1,010.00 |
| 484 047  | 1570 mm                            | 93 mm          | 2800 mm | 1000 mm     | 1038 mm     | 400 kg    | 54 kg  | 1,068.00 |

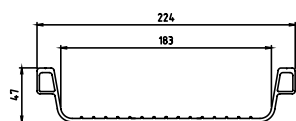
Please contact us for individual sizes.

| Code no. | Description                                  | EUR    |
|----------|--|--------|
| 484 057  | Quick-change system installation kit 800 mm  | 122.00 |
| 484 067  | Quick-change system installation kit 1000 mm | 122.00 |

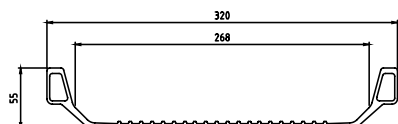
## Aluminium loading ramps type VR for motorcycles, wheelchairs and small machines

### Loading ramps

Light and handy loading ramps. Hinged versions can be stowed very comfortably.

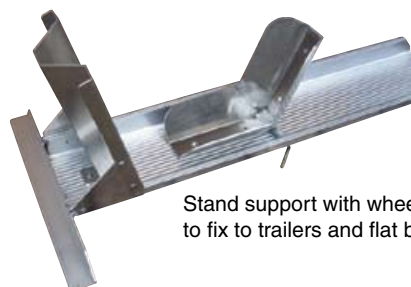


| Code no. | Version | Height | Length  | Inner width | Outer width | Load cap. | Weight apiece | EUR    |
|----------|---------|--------|---------|-------------|-------------|-----------|---------------|--------|
| 483 207  | normal  | 47 mm  | 1500 mm | 164 mm      | 224 mm      | 250 kg    | 4 kg          | 71.00  |
| 483 247  | normal  | 47 mm  | 2000 mm | 164 mm      | 224 mm      | 220 kg    | 5.5 kg        | 87.00  |
| 483 287  | normal  | 47 mm  | 2500 mm | 164 mm      | 224 mm      | 190 kg    | 7.0 kg        | 96.00  |
| 483 307  | hinged  | 47 mm  | 1500 mm | 164 mm      | 224 mm      | 250 kg    | 7 kg          | 138.00 |
| 483 347  | hinged  | 47 mm  | 2000 mm | 164 mm      | 224 mm      | 220 kg    | 8 kg          | 158.00 |
| 483 387  | hinged  | 47 mm  | 2500 mm | 164 mm      | 224 mm      | 190 kg    | 9.5 kg        | 165.00 |



**NEW**

| Code no. | Version | Height | Length  | Inner width | Outer width | Load cap. | Weight apiece | EUR    |
|----------|---------|--------|---------|-------------|-------------|-----------|---------------|--------|
| 483 107  | normal  | 55 mm  | 1500 mm | 235 mm      | 320 mm      | 500 kg    | 8.5 kg        | 129.00 |
| 483 117  | normal  | 55 mm  | 2000 mm | 235 mm      | 320 mm      | 450 kg    | 11 kg         | 152.00 |
| 483 127  | normal  | 55 mm  | 2500 mm | 235 mm      | 320 mm      | 350 kg    | 13.5 kg       | 181.00 |
| 483 137  | hinged  | 55 mm  | 1500 mm | 235 mm      | 320 mm      | 500 kg    | 13.5 kg       | 234.00 |
| 483 147  | hinged  | 55 mm  | 2000 mm | 235 mm      | 320 mm      | 450 kg    | 16 kg         | 256.00 |
| 483 157  | hinged  | 55 mm  | 2500 mm | 235 mm      | 320 mm      | 350 kg    | 18.5 kg       | 285.00 |



Stand support with wheel holder, to fix to trailers and flat beds.

### Stand support

The stand support with holder is especially made for motorcycles and eases the fastening. Please contact us for individual sizes.



| Code no. | Description                     | Length  | Inner width | Outer width | Weight apiece | EUR    |
|----------|---------------------------------|---------|-------------|-------------|---------------|--------|
| 483 477  | Stand support with wheel holder | 1000 mm | 164 mm      | 224 mm      | 6 kg          | 177.00 |
| 483 487  | Stand support with wheel holder | 2000 mm | 164 mm      | 224 mm      | 9 kg          | 198.00 |
| 483 417  | Stand support with wheel holder | 1000 mm | 235 mm      | 320 mm      | 12 kg         | 249.00 |
| 483 427  | Stand support with wheel holder | 2000 mm | 235 mm      | 320 mm      | 18 kg         | 299.00 |

**NEW**



hydraulic-assisted lifting



spring-assisted rear ramp

**Further loading ramps and full rear ramps available upon request!**

## SG-Pick entry tools

This picking tool for vehicle locks has been individually developed for each lock type. Individual locking plate selection possible due to profile shaping. Each picking tool also separately available!

401 855



### PROCEDURE:



Insert tensioner into lock.



Turn to lightly tension



401 865



401 885



Insert picking tool through tensioner into lock



Use picking tool to release and position selected locking plates one after the other until the last one releases the lock.

| Code no. | Description                           | Version         | Year of manufacture | Vehicle type                              | Price EUR |
|----------|---------------------------------------|-----------------|---------------------|---|-----------|
| 401 855  | SG Professional picking kit with case | 24-piece        |                     | Diverse (EC)                              | 799.00    |
| 401 865  | VW pick (1 pair)                      | 2-track (inner) | from 1997           | VW, Audi, Seat, Skoda, Porsche (HU66/HAA) | 109.00    |
| 401 875  | Pick                                  | 4-track (outer) | from 1998           | BMW (HU58)                                | 57.00     |
| 401 885  | Pick                                  | 2-track (outer) | from 1998           | BMW (HU92)                                | 57.00     |
| 401 895  | Pick                                  | 2-track (outer) |                     | Opel (HU43)                               | 57.00     |
| 401 905  | Pick                                  | 2-track (inner) | from 2003           | Opel (HU100)                              | 57.00     |
| 401 915  | Pick                                  | 2-track (outer) | from 2003           | Ford (HU101)                              | 57.00     |
| 401 925  | Pick                                  | 2-track (outer) |                     | Mercedes-Benz (HU64)                      | 57.00     |
| 401 935  | Pick                                  | 2-track (outer) |                     | Saab (YM30)                               | 57.00     |
| 401 945  | Pick                                  | 4-track (outer) |                     | Saab                                      | 57.00     |
| 401 955  | Pick                                  | 2-track (outer) |                     | Kia                                       | 57.00     |
| 401 965  | Pick                                  | 2-track (outer) |                     | Toyota (TOY40)                            | 57.00     |
| 401 975  | Pick                                  | 2-track (outer) |                     | Peugeot, Citroen, MAN (HU83)              | 57.00     |
| 401 985  | Pick                                  | 2-track (outer) |                     | Peugeot, Citroen, Renault (VA2T)          | 57.00     |
| 401 995  | Pick                                  | 2-track (outer) |                     | Volvo, Mitsubishi (HU56)                  | 57.00     |



## Easy-Pick lock picks

These picks are the successors of the SG-Pick entry tools. By means of the engraved scales, a precise location of the wafers and a controlled movement into the open position without overlifting becomes easier than ever. The feedback this pick delivers, and the control it offers is simply second to none. If desired, these picks can also deliver the key code when the lock has been picked to enable a makeup key to be made. The set of 8 picks comes delivered in a practical neoprene hi-vis numbered roll pack with 4 extra pockets for supplementary picks.



View the  
product video:  
[www.towing.de](http://www.towing.de)



**NEW**



### Scope of Delivery:

1 x rollpack  
8 x Easy-Picks (HU66, HU101, HU100, HU92-10V2, HU64, VA2T, NE72, SIP22)

| Code no. | Description | Version         | Year of manufacture | Vehicle type                              | Price EUR |
|----------|-------------|-----------------|---------------------|---|-----------|
| 402 305  | Easy-Pick   | 2 track         | from 1997           | VW, Audi, Seat, Skoda, Porsche (HU66/HAA) | 149.00    |
| 402 315  | Easy-Pick   | 2-track (outer) |                     | Ford (HU 101)                             | 149.00    |
| 402 325  | Easy-Pick   | 2-track (inner) |                     | Opel (HU 100)                             | 149.00    |
| 402 335  | Easy-Pick   | 2-track (outer) |                     | BMW (HU 92+HU 9-10V2)                     | 149.00    |
| 402 345  | Easy-Pick   | 2-track (outer) |                     | MB (HU 64)                                | 149.00    |
| 402 355  | Easy-Pick   | 2-track (outer) |                     | Peugeot/Citroen/Renault (VA2T)            | 149.00    |
| 402 365  | Easy-Pick   |                 |                     | Peugeot/Citroen/Renault/Opel (NE72)       | 149.00    |
| 402 375  | Easy-Pick   |                 |                     | Fiat/Alfa Romeo/Ford Ka (SIP 22)          | 149.00    |

| Code no. | Description                 | Version | Price EUR |
|----------|-----------------------------|---------|-----------|
| 402 395  | Easy-Pick set in a rollpack | 8-piece | 899.00    |

| Code no. | Description | Version         | Vehicle type            | Price EUR |
|----------|-------------|-----------------|-------------------------|-----------|
| 402 405  | Easy-Pick   | 4-track         | BMW (HU 58) from 1998   | 149.00    |
| 402 415  | Easy-Pick   | 2-track (outer) | Peugeot/Citroen (HU 83) | 149.00    |
| 402 425  | Easy-Pick   |                 | BMW (HU 100R) from 2010 | 149.00    |



### Window wedge

As a supplement to other entry tools and for an easier insertion of the Winbag cushion.

| Code no. | Description  | Dimensions      | Price EUR |
|----------|--------------|-----------------|-----------|
| 400 395  | Window wedge | L 240 x W 40 mm | 33.00     |



### Window wedge set

Very useful complementary kit for all common door entry tools. The window wedges make it much easier to insert opening aids and Winbag cushions into vehicles with rubber seals.



| Code no. | Description      | Dimensions     | Price/set EUR |
|----------|------------------|----------------|---------------|
| 400 385  | Window wedge kit | L 82 x W 45 mm | 34.90         |



Bending aid, to correct the shape of opening tools



### Opening wedge Illuminator

This wedge has two different bevels. Between the wedge tips you find halogen bulbs to both sides. The wedge ensures optimal illumination of vehicle doors during door opening.

| Code no. | Description               | Dimensions      | Price EUR |
|----------|---------------------------|-----------------|-----------|
| 400 145  | Opening wedge Illuminator | L 165 x W 50 mm | 17.50     |



### Special opening wedge

This opening wedge is especially made for vehicles with frameless side windows e.g. most convertibles.

| Code no. | Description           | Dimensions       | Price EUR |
|----------|-----------------------|------------------|-----------|
| 400 365  | Special opening wedge | L 150 x W 110 mm | 29.90     |

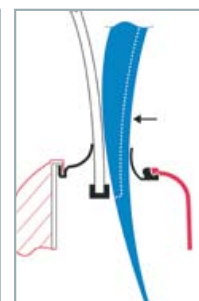


### Opening wedge curved

The curved form of this opening wedge is appropriate for operations at frames of side windows. With this wedge you create space for your opening rod quickly and easily.



| Code no. | Description          | Dimensions      | Price EUR |
|----------|----------------------|-----------------|-----------|
| 400 375  | Opening wedge curved | L 230 x W 35 mm | 19.50     |





## Sesame keys

Set comprising 5 different VW laser-cut jigglers. With the right technique, practise and feeling, you will have a high success rate.

Operating instructions included.

Code no. 401 325 (2-piece) recommended for entry specialists.

Code no. 401 333 (5-piece) recommended for those with less vehicle entry experience.



View the  
product video:  
[www.towing.de](http://www.towing.de)

| Code no. | Description | Version | Vehicle type                                | Price/set EUR |
|----------|-------------|---------|---|---------------|
| 401 325  | Sesame keys | 2-piece | VW, Audi, Seat, Skoda, Porsche, Ford Galaxy | 49.00         |
| 401 333  | Sesame keys | 5-piece | VW, Audi, Seat, Skoda, Porsche, Ford Galaxy | 149.00        |

## Digital inspection scope

Digital videoscope with full colour 2.4" LCD screen and 100cm semi-rigid, but flexible watertight shaft. Objects as close as 1" can be viewed in doors, engines, gearboxes etc. White LED to illuminate the inspection area, with illumination control. Camera head only 8.5mm, this tool is also very helpful when entering vehicles.

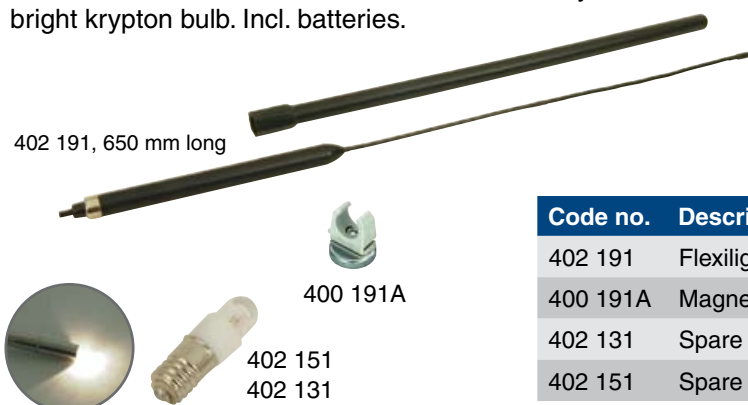
**NEW**



| Code no. | Description | Price/set EUR |
|----------|-------------|---------------|
| 104 695  | Videoscope  | 199.00        |

## Flexilights

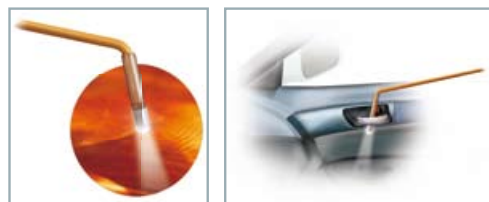
Best choice to illuminate the mechanism of the lock inside the car door. Pliant and formable, with very bright krypton bulb. Incl. batteries.



| Code no. | Description                      | Length | Price EUR |
|----------|----------------------------------|--------|-----------|
| 402 191  | Flexilight                       | 650 mm | 31.50     |
| 400 191A | Magnetic holder                  |        | 8.90      |
| 402 131  | Spare bulb for flexilight 400 mm |        | 8.00      |
| 402 151  | Spare bulb for flexilight 650 mm |        | 9.00      |

## Entry rod with light

This entry rod is equipped with a screw-on LED tip to illuminate the area inside the vehicle where you are working.



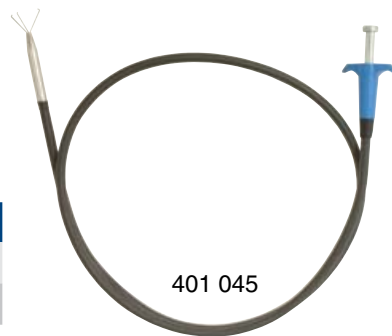
| Code no. | Description                        | Length  | Price EUR |
|----------|------------------------------------|---------|-----------|
| 401 205  | Entry rod with light               | 1220 mm | 49.00     |
| 401 215  | Spare bulb for opening rod 401 205 |         | 19.80     |



**EXTRA LONG****Claw grabber**

Flexible stainless steel claw grabber.  
Maximum grab diameter 25mm.

| Code no. | Description  | Length  | Price EUR |
|----------|--------------|---------|-----------|
| 401 035  | Claw grabber | 700 mm  | 15.00     |
| 401 045  | Claw grabber | 1450 mm | 29.90     |

**Entry steel Flat Max**

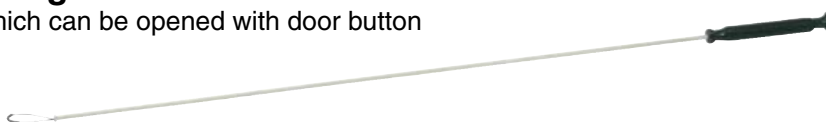
This steel strip is 1220 mm long, very pliant and flat to be inserted into narrow door gaps. The door button, the door knob or the electronic door opening system can be operated due to the additional guide and the specially formed tip.



| Code no. | Description          | Length  | Price EUR |
|----------|----------------------|---------|-----------|
| 401 055  | Entry steel Flat Max | 1220 mm | 38.90     |

**Lasso opening tool**

For vehicles which can be opened with door button



| Code no. | Description        | Length | Price EUR |
|----------|--------------------|--------|-----------|
| 400 975  | Lasso opening tool | 800 mm | 31.90     |

**Lasso opening tool**

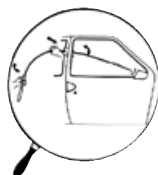
For vehicles which can be opened manually even when locked. Robust and flexible.



| Code no. | Description        | Length  | Price EUR | from 5 pc. EUR | from 10 pc. EUR |
|----------|--------------------|---------|-----------|----------------|-----------------|
| 408 105  | Lasso opening tool | 1600 mm | 44.90     | 39.90          | 34.90           |

**Wire-pulling tool Fishing Pole**

This lasso tool has different attachments and a manoeuvrable tip and is therefore able to open all vehicles which can be opened manually from the inside.



| Code no. | Description        | Length  | Price EUR |
|----------|--------------------|---------|-----------|
| 401 195  | Lasso fishing pole | 2130 mm | 99.00     |



### Winbag cushion professional

An optimal aid in opening vehicles together with other entry tools.

Stabilising inlet for an easier insertion.



With additional inlet, extra diagonal rigidity!

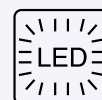
**USEFUL**

| Code no. | Description                 | Price EUR | from 4 pc. EUR |
|----------|-----------------------------|-----------|----------------|
| 400 114  | Winbag cushion professional | 19.90     | 14.90          |

### Vehicle illumination aid "Night Light"

Use both hands for vehicle entry at night and let Night Light illuminate the vehicle interior for you. The Suction pad ensures a stable windscreen mount, and 6 diamond white LEDs offer anti-glare daytime-like brightness.

Requires 3 AAA batteries (included).



| Code no. | Description              | Ø      | Price EUR |
|----------|--------------------------|--------|-----------|
| 401 095  | Vehicle illumination aid | 165 mm | 49.90     |

### Suction pad

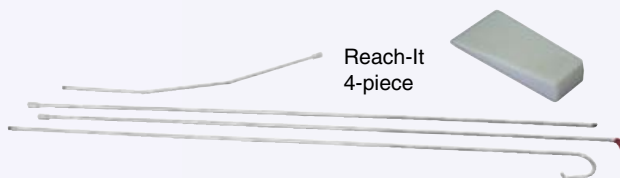
Perfect aid for opening vehicles: Place it on the window, fold up the handles - and it sticks like glue! By pulling you get a gap to enable use of wedges or Winbag cushion. 120 mm Ø, 20 kg pulling power and more attainable.



| Code no. | Description | Ø      | Price EUR | from 5 pc. EUR |
|----------|-------------|--------|-----------|----------------|
| 401 393  | Suction pad | 120 mm | 9.90      | 8.50           |

### Reach-It opening rods

Three versions of these opening rods are available: One-piece, i.e. non-separable, as well as a four-piece kit consisting of four different rods which can be combined with each other. All versions include an opening wedge. The advantage of the one-piece version is its robust lengthwise stability combined with a special field-tested moulding. With the four-piece version on the other hand you are more flexible and can react to several demands (door opening, opening engine bonnet etc.).



Reach-It 4-piece



Reach-It 1-piece

| Code no.  | Description | Version | Length  | Price EUR | from 5 pc. EUR |
|-----------|-------------|---------|---------|-----------|----------------|
| 400 135RI | Reach-It    | 4-piece | 1900 mm | 39.00     | 34.50          |
| 400 136RI | Reach-It    | 1-piece | 1400 mm | 29.00     |                |
| 400 095   | Reach-It    | 1-piece | 1100 mm | 28.00     |                |



Winbag cushion,  
(code-no. 400 114,  
see page 263),  
EUR 19,90

E5-opening rod,  
(code-no. 400 301,  
see page 265),  
EUR 15,50

**ACCESSORY  
RECOMMENDATION**



### Complete entry kit

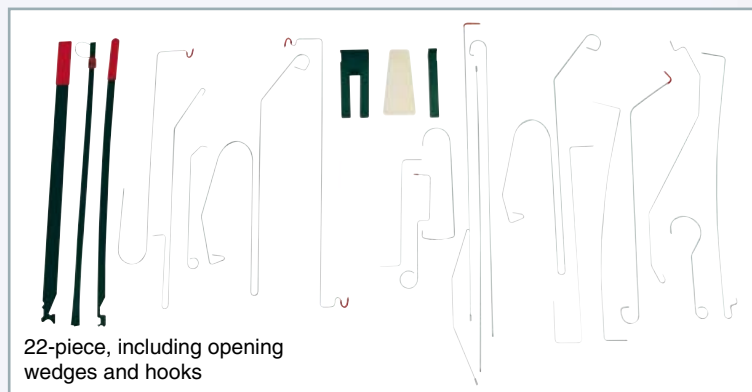
With this complete entry kit you can open roughly 70% of all passenger cars within seconds without causing any damage. Delivery includes operation manual which explains how to handle different types of locks.

| Code no. | Description        | Price EUR | from 5 pc. EUR |
|----------|--------------------|-----------|----------------|
| 400 161  | Complete entry kit | 49.90     | 44.50          |
| 400 231  | Plastic strip      | 9.90      |                |
| 400 241  | Steel strip        | 13.00     |                |



### Professional entry kit

This entry kit comes from the United States and is a complete set from one of the leading producers of entry tools in the US. The tools are made of high-quality materials and the manual is very well illustrated.



22-piece, including opening  
wedges and hooks

| Code no. | Description            | Price EUR |
|----------|------------------------|-----------|
| 400 135  | Professional entry kit | 219.00    |

### Opening steel strip

Extremely flat and flexible, with specially shaped tip. Non-slip plastic handle.



| Code no.   | Description         | Version | Price EUR |
|------------|---------------------|---------|-----------|
| 400 135THI | Opening steel strip | narrow  | 13.90     |
| 400 135WI  | Opening steel strip | wide    | 14.90     |



## Opening rods

For a simple door opening in combination with Winbag or opening wedge.

Locking mechanisms directly at door lock

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 400 311  | Opening rod P1 made of V2A steel | 9.50      |



Horizontal linkage locking mechanisms

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 400 321  | Opening rod P2 made of V2A steel | 11.00     |



Door buttons round

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 400 281  | Opening rod E3 made of V2A steel | 9.50      |



Door buttons angular

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 400 291  | Opening rod E4 made of V2A steel | 11.00     |



Door handle inside

| Code no. | Description                      | Price EUR |
|----------|----------------------------------|-----------|
| 400 301  | Opening rod E5 made of V2A steel | 15.50     |



Create a gap

| Code no. | Description   | Price EUR |
|----------|---------------|-----------|
| 400 335  | Opening wedge | 14.90     |



**USEFUL**





L 500 x W 370 x H 100mm

## 21-piece Pro socket set

Professional socket sets for the garage. High quality tools made of chrome-vanadium. Case included.

The classic with extendable ratchet, 3 extensions (100/200/400 mm), sliding tee bar and various hex sockets.

| Code no. | Description    | Pieces | Connections | Price EUR |
|----------|----------------|--------|-------------|-----------|
| 416 565  | Pro socket set | 21     | 3/4"        | 139.00    |

USEFUL

GRIPS WHEN NOTHING ELSE WORKS!



L 420 x W 350 x H 80mm

## Pro socket set, 150 pieces

Professional socket sets for the garage. High quality tools made of chrome-vanadium. Case included.



SUPER-LOCK - side contact instead of classical corner contact. Especially suitable for worn nuts.

| Code no. | Description                           | Version    | Pieces | Connections        | Price EUR |
|----------|---------------------------------------|------------|--------|--------------------|-----------|
| 416 505  | Pro socket set                        | SUPER-LOCK | 150    | 1/4" - 3/8" - 1/2" | 109.00    |
| 416 515  | Knarre 1/4" aus Werkzeugkoffer 416505 |            |        |                    | 15,50     |

## 101-piece pro socket set

Professional socket sets for the garage. High quality tools made of chrome-vanadium. Case included.



"Multi-Pro" sockets, suitable for hex, 12 point, imperial and E profiles.



L 425 x W 280 x H 95mm

| Code no. | Description    | Version              | Pieces | Connections | Price EUR |
|----------|----------------|----------------------|--------|-------------|-----------|
| 416 535  | Pro socket set | Multi-profile SPLINE | 101    | 1/4" - 1/2" | 99.00     |



## Tool kits

114-piece universal industrial tool kit. Ergocraft industrial ratchet with quick-release mechanism, sockets 4 - 32 mm, sparkplug sockets 16 and 21 mm, combination wrenches 8 - 22 mm, jointed adapters, pliers, hacksaw, hammer, screwdrivers, bits, and much more. Dimensions: W 540 x H 360 x D 120 mm

| Code no. | Description        | Version   | Connections | Price EUR |
|----------|--------------------|-----------|-------------|-----------|
| 417 685  | Universal tool kit | 114-piece | 1/4" + 1/2" | 188.00    |

## Tool kits

64-piece universal industrial tool kit. Ergocraft industrial ratchet with quick-release mechanism, sockets 3.5 - 13 mm, adjustable wrench, pliers, hacksaw, hammer, mains tester, torch, bits and much more. Dimensions: W 400 x H 230 x D 200 mm



| Code no. | Description        | Version  | Connections | Price EUR |
|----------|--------------------|----------|-------------|-----------|
| 417 695  | Universal tool kit | 64-piece | 1/4"        | 88.00     |

## Drive shaft spanners

Straight, extra-long, enable drive shaft bolts to be loosened simply and safely. High strength chrome vanadium steel, high gloss chrome-plated, 4 pieces.



code no. 415765:  
heavy-duty version, thin but very sturdy rings. 30 year guarantee on material.



code no. 415705:  
extremely flat, thin rings



| Code no. | Description          | Version        | Width across flats | Price EUR |
|----------|----------------------|----------------|--------------------|-----------|
| 415 705  | Drive shaft spanners | extremely flat | 13 - 21            | 99.00     |
| 415 765  | Drive shaft spanners | heavy-duty     | 13 - 22            | 174.00    |

415 654

## Crowbar

Rugged alloyed special hardened steel crowbar.



## Telescopic pry bar/tyre lever

This solid pry bar can also be used as a tyre lever due to the adjustable pry head, which can be set and fixed in 8 positions. The pry bar is useful in hard to reach applications and has a ratchet function when prying. Universally adjustable in length up to 750mm, ergonomic handle.



415 636



| Code no. | Description                   | Length       | Ø     | Price EUR |
|----------|-------------------------------|--------------|-------|-----------|
| 415 654  | Crowbar                       | 800 mm       | 18 mm | 15.90     |
| 415 636  | Telescopic pry bar/tyre lever | 450 - 750 mm |       | 59.90     |



## Lock nut remover kit

No more annoyance with wheel locks: Now in no time you can open up to 99% of all wheel locks quickly and safely without damaging the wheels.



1. Hammer on compatible nut socket



2. Turn carefully  
3. Ready!

| Code no. | Description          | Dimensions              | Price EUR |
|----------|----------------------|-------------------------|-----------|
| 410 855  | Lock nut remover kit | L 325 x W 280 x H 55 mm | 198.00    |



410 875

**NEW**



## Twist socket set 1/2", 3-piece

3-piece twist socket set for loosening and unscrewing tight bolts and nuts with rounded heads. Both ends can be used: one has a 6-edged coarse cutting thread and the other a 12-edged finer cutting thread (conical reducing). The square drive is in the middle of the socket and the set is suitable for sizes 17, 19 and 21. Practical case included.

| Code no. | Description           | Version | Price EUR |
|----------|-----------------------|---------|-----------|
| 410 875  | Twist socket set 1/2" | 3-piece | 69.00     |

## Tyre repair kit

This self-vulcanising tyre repair kit is made for steel belt tyres as well as all other tubeless tyres. The self-vulcanising strips consist of special nylon threads which have been impregnated under high pressure and heat to achieve an extremely high tensile strength. This system has been especially developed for a quick repair of tubeless tyres without removal. It doesn't only retain air reliably but also insulates the inside steel belt.

By use in the Federal Republic of Germany please observe the guidelines concerning tyre repairs.

Excerpt:

As a rule every tyre must be dismantled from the wheel....in order to analyse damage....

...appropriate materials according to the manufacturer...to be used....should be compatible to other materials used....

Damaged tyres, which have been temporarily fixed, can not be repaired. Inner tube insertion without damage repair is not permitted.



419 103



419 123

| Code no. | Description                   | Price EUR |
|----------|-------------------------------|-----------|
| 419 103  | Tyre repair kit passenger car | 59.00     |
| 419 123  | Tyre repair kit HGV           | 59.00     |
| 419 143  | Refill kit passenger car      | 29.00     |
| 419 163  | Refill kit HGV                | 29.00     |



## Torque amplifier "Power"

Torque amplifier for unscrewing HGV wheel nuts with ease. Planetary gearing produces an amplification ratio of 1:56! Torque output up to 5200 Nm. Delivered with hand crank and wheelnut sockets 32 mm a/f and 33 mm a/f in a plastic case.



| Code no. | Description           | Pieces | Price EUR |
|----------|-----------------------|--------|-----------|
| 415 903  | Torque amplifier 1:56 | 5      | 139.00    |
| 415 913  | Torque amplifier set  | 9      | 209.00    |

The set consists of a torque amplifier, 3/4" wheel brace, adapter from 3/4" to 1", sockets 24 mm a/f and 27 mm a/f, both 1".

## Special nut socket kits for wheel mounting

3-piece nut socket kit with plastic sheaths. Width across flats: 17, 19 and 21 mm with 1/2 inch drive. 5-piece set with additional sizes 15 and 22mm (Smart, Opel Insignia). Both sets delivered in a plastic box.



410 907



410 945

**NEW**

| Code no. | Description    | Version | Length | Price EUR |
|----------|----------------|---------|--------|-----------|
| 410 907  | Nut socket kit | 3-piece | 85 mm  | 19.90     |
| 410 945  | Nut socket kit | 5-piece | 85 mm  | 29.90     |

## Extendable ratchets

Telescopic extendable ratchet.



| Code no. | Description                   | Version | Length      | Price EUR |
|----------|-------------------------------|---------|-------------|-----------|
| 415 925  | Extendable ratchet drive      | 1/2"    | 450-600 mm  | 31.50     |
| 415 945  | Extendable ratchet 3/4" drive | 3/4"    | 600-1000 mm | 93.50     |



## Powerhand

The solution for tight wheel nuts. Powerhand's ratio of 1:3.5 guarantees that every nut is released with minimal effort. The stable construction prevents you from injuries.

Technical data:

Max. torque more than 650 Nm, 1/2" connection, chrome vanadium, ratchet with 60 teeth.



| Code no. | Description   | Length | Price EUR |
|----------|---------------|--------|-----------|
| 410 803  | Powerhand car | 520 mm | 49.50     |



## Exhaust repair kit

Developed for quick repair of faulty or broken exhaust pipes of cars and vans. Connecting parts made of spring steel, one end flanged, for repair of exhaust pipes broken directly at silencer. Can also be used when exhaust pipe is broken centrally or blows.

Repair kit consists of 8 connecting parts and 8 clamps (in 4 different sizes) incl. sealing paste.



| Code no. | Description        | Price EUR |
|----------|--------------------|-----------|
| 418 305  | Exhaust repair kit | 45.50     |

## Exhaust repair inserts

For a quick and simple repair of broken exhaust pipes. Insert pipe piece at the broken area to both sides into the exhaust pipe. Expand the pipe by turning screw until it is clamped tight inside the exhaust. Can be employed even if exhaust pipe is broken directly at the silencer. Inserts are available in three different diameters for exhaust systems of nearly all passenger cars.

| Code no. | Description                                   | Ø          | Price EUR |
|----------|---|------------|-----------|
| 418 815  | Exhaust repair insert                         | 35 - 45 mm | 3.90      |
| 418 825  | Exhaust repair insert                         | 45 - 55 mm | 4.50      |
| 418 835  | Exhaust repair insert                         | 55 - 65 mm | 4.90      |
| 418 805  | Exhaust repair insert set (2 of each 3 sizes) | 35 - 65 mm | 24.00     |



## Pipe cutter with ratchet function

Pipe cutter with ratchet function for exhaust pipes from Ø 28 - 67 mm.

| Code no. | Description | Suitable for | Price EUR |
|----------|-------------|--------------|-----------|
| 418 895  | Pipe cutter | Ø 28 - 67 mm | 99.00     |



## Diesel fuel line repair kit

For short-term repair of broken injection lines of diesel engines. A copper pipe and different connecting parts allow a temporary, simple repair. Kit of 17 pieces.



| Code no. | Description                 | Dimensions       | Price EUR |
|----------|-----------------------------|------------------|-----------|
| 418 705  | Diesel fuel line repair kit | L 175 x W 140 mm | 26.50     |

## Radiator hose sealing tape

First aid for chafed radiator hoses or in case of marten bites: Cold welding sealing tape for radiator hoses, self-adhesive and stretchy. Extra strong version 0.75 mm, high-temperature and water-resistant. Kit consists of 3 rolls each 9.1 m long, width 25 mm.



| Code no. | Description                                | Width | Length | Price EUR |
|----------|--|-------|--------|-----------|
| 418 555  | Radiator hose sealing tape, set of 3 rolls | 25 mm | 9.1 m  | 22.90     |



## Radiator hoses

These hoses with integrated steel wire rings can be bent into shape without buckling and are therefore ideal for a temporary repair. The hoses are 1075mm long and can be shortened where necessary. Save money by buying the starter set, each hose can also be ordered separately.

| Code no. | Description   | D          | Price EUR |
|----------|---------------|------------|-----------|
| 418 605  | Radiator hose | 13 - 22 mm | 12.90     |
| 418 615  | Radiator hose | 22 - 28 mm | 19.90     |
| 418 625  | Radiator hose | 28 - 32 mm | 21.90     |
| 418 635  | Radiator hose | 32 - 35 mm | 23.90     |
| 418 645  | Radiator hose | 35 - 41 mm | 29.90     |
| 418 655  | Radiator hose | 41 - 48 mm | 32.90     |
| 418 665  | Radiator hose | 50 - 59 mm | 41.90     |

**NEW**



| Code no. | Description              | Pieces | D          | Price/set EUR |
|----------|--------------------------|--------|------------|---------------|
| 418 695  | Radiator hose repair kit | 7      | 13 - 59 mm | 179.00        |

## Radiator hose repair kit for HGVs, 40 pc.

Radiator hose repair kit for Lorries, buses, coaches, construction vehicles and agricultural vehicles. Contains 14 different connectors, 8 hoses (straight and 90°) and hose clamps with 38, 50, 55 and 60 mm internal diameter. Comes complete with instructions and case.



| Code no. | Description                       | Ø       | Pieces | Price EUR |
|----------|-----------------------------------|---------|--------|-----------|
| 418 547  | Radiator hose repair kit for HGVs | 38 - 60 | 40     | 209.00    |

## 56-piece radiator hose repair kit

Radiator hose repair kit for permanent repairs to leaky HGV and passenger car coolant hoses using push-fit fittings. 32 fittings covering nominal diameters 16/20/25 and 32mm, 16 hose clamps and 8 hose pieces in a neatly arranged case.



| Code no. | Description              | Pieces | Ø          | Price EUR |
|----------|--------------------------|--------|------------|-----------|
| 418 535  | Radiator hose repair kit | 56     | 16 - 32 mm | 119.00    |

## 10-piece radiator hose repair kit

For a permanent repair of leaky radiator hoses. Kit consists of 10 high temperature connections with diameters 12, 16, 19, 16/19, 16/25 mm and 20 hose clamps. Should be on board every breakdown van.



| Code no. | Description              | Pieces | Ø          | Price EUR |
|----------|--------------------------|--------|------------|-----------|
| 418 505  | Radiator hose repair kit | 10     | 12 - 25 mm | 19.50     |

### Petrol engine compression tester

For all petrol engines. Quick-connector and four adapters for sparkplug threads. High pressure hose (50cm) and two fixed lines with tapered rubber connecting ends. Storage case included.

| Code no. | Description        | Version | Pressure     | Price EUR |
|----------|--------------------|---------|--------------|-----------|
| 104 953  | Compression tester | 8-piece | up to 20 bar | 39.00     |



### Compression tester for diesel engines

Compression pressure tester for diesel engines. Stable plastic case included.

| Code no. | Description                           | Version  | Pressure     | Price EUR |
|----------|---------------------------------------|----------|--------------|-----------|
| 102 973  | Compression tester for diesel engines | 19-piece | up to 70 bar | 49.00     |



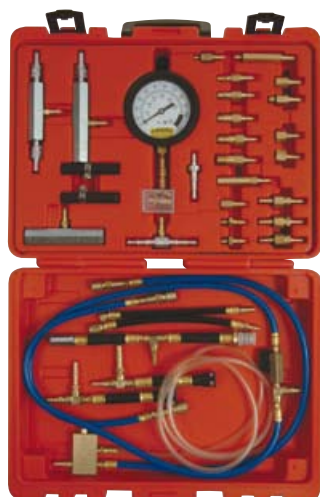
### Compression tester for diesel engines

For HGV and passenger car diesel engines as well as TDI/CDI/TDCI injection. Large selection of threaded adapters for glowplug or injector nozzle threads between M10 x 1 and M24 x 1.5.

| Code no. | Description        | Version  | Pressure     | Price EUR |
|----------|--------------------|----------|--------------|-----------|
| 104 973  | Compression tester | 17-piece | up to 70 bar | 159.00    |



102 993



### Pressure testing kit

For testing pressures in fuel injection systems via various adapters. Suitable for most makes.

| Code no. | Description          | Version  | Pressure     | Price EUR |
|----------|----------------------|----------|--------------|-----------|
| 102 993  | Pressure testing kit | 32-piece | up to 7 bar  | 119.00    |
| 104 793  | Pressure testing kit | 19-piece | up to 10 bar | 79.00     |



104 793

### Pressure tester

Suitable for high pressure and vacuum testing in combustion engines. Fuel pump pressure, manifold pressure, turbocharger pressure and much more can be tested. Large rubber-housed gauge and hook, M14 and M16 connection adapters.

| Code no. | Description                | Version | Pressure      | Low pressure   | Price EUR |
|----------|----------------------------|---------|---------------|----------------|-----------|
| 104 803  | Pressure and vacuum tester | 9-piece | up to 0.7 bar | up to -0.7 bar | 32.90     |



## Oil pressure tester

HGV and passenger car oil pressure tester. Perfect for testing switching pressures of automatic drives. Large gauge for exact metering. 160 cm hose and 11 threaded adapters for all standard engines.

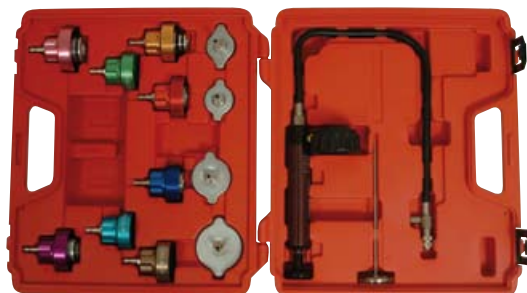
| Code no. | Description         | Version  | Pressure     | Price EUR |
|----------|---------------------|----------|--------------|-----------|
| 104 823  | Oil pressure tester | 12-piece | up to 28 bar | 49.00     |



## Radiator pressure testing kit

For pressure testing of vehicle cooling systems. The 12 adapters enable testing of all standard vehicles.

14 pc. complete kit in carry case including hand pump with pressure gauge and separate thermometer.



| Code no. | Description                   | Version | Price EUR |
|----------|-------------------------------|---------|-----------|
| 102 983  | Radiator pressure testing kit | 14 pc.  | 149.00    |

## Motortester

Digital multimeter for testing engines:

- backlight display with easy to read 15mm digits
- standby mode after 15 minutes non-use
- automatic range selection
- rugged injection-moulded rubber shell

**NEW**



### Technical data:

- up to 10A amperage
- voltage: -/~ from 0.2 V to 600 V
- resistance: 0.2 Ohm to 2000 kOhm
- temperature: -20° C to + 1000° C
- dwell angle: 4/6/8 cylinders switchable
- speed: up to 10000 rpm
- diode test: 1 mV
- continuity test with acoustic signal when less than 50 Ohm

| Code no. | Description | Dimensions             | Weight | Price EUR |
|----------|-------------|------------------------|--------|-----------|
| 104 545  | Motortester | B 73 x H 155 x T 30 mm | 140 g  | 27.90     |

### Scope of Delivery:

test lead, temperature sensor cable, AAA batteries



## Multi-purpose tester

For testing various vehicle functions. Red/green LED indicates polarity. Flow testing and component testing also possible.

| Code no. | Description          | Voltage  | Price EUR |
|----------|----------------------|----------|-----------|
| 102 415  | Multi-purpose tester | 6 - 24 V | 49.90     |

## Glow plug quick tester

Tests glow plugs without the need to remove them. Unscrew power source to glow plug, connect tester and press start. Results within 12 seconds (red LED = faulty, green LED = ok).

| Code no. | Description            | Voltage | Price EUR |
|----------|------------------------|---------|-----------|
| 102 795  | Glow plug quick tester | 12 V    | 89.90     |







### Tester for trailer socket, 12 Volt

Function tester for all 12 volt trailer sockets. 7-pole plug with 3.5 m cable for testing from driver's seat.



**ACCESSORY  
RECOMMENDATION**



Mini-Adapter  
100 625  
page 66

| Code no. | Description                  | Voltage | Price EUR |
|----------|------------------------------|---------|-----------|
| 102 465  | Tester for trailer socket    | 12 V    | 43.00     |
| 100 625  | Mini-adapter 13-pin to 7-pin |         | 6.90      |

### Trailer socket tester, 24 volt

Function tester with integrated display for all 24 volt trailer sockets. Optionally available with 10 m cable for comfortable reading from driver's seat.



101 953  
Integrated display



101 933  
Display and 10 m cable

| Code no. | Description           | Display                        | Connector | Voltage | Price EUR |
|----------|-----------------------|--------------------------------|-----------|---------|-----------|
| 101 913  | Trailer socket tester | integrated                     | 7-pole    | 24 V    | 49.00     |
| 101 933  | Trailer socket tester | with 10 m cable                | 7-pole    | 24 V    | 149.00    |
| 101 953  | Trailer socket tester | integrated                     | 15-pole   | 24 V    | 79.00     |
| 101 973  | Trailer socket tester | with 10 m cable                | 15-pole   | 24 V    | 179.00    |
| 101 943  | Trailer socket tester | with 10 m cable, "Sweden" type | 7-pole    | 24 V    | 139.00    |

### Trailer light testing unit, 12 volt

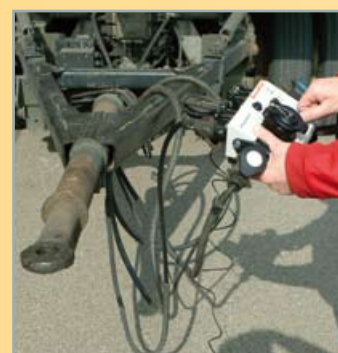
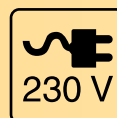
12 V Tester for the trailer plug. Continuity test of wiring and lighting via control switch and LED control light.



| Code no. | Description                | Power supply | Voltage | Price EUR |
|----------|----------------------------|--------------|---------|-----------|
| 102 013  | Trailer lighting test unit | 7-pin        | 12 V    | 59.00     |
| 102 023  | Trailer lighting test unit | 13-pin       | 12 V    | 59.00     |

### 24 volt tester for trailer lighting systems

This unit fits 7-pole N+S, 13-pole and 15-pole ABS/EBS trailer plugs. Continuity test of wiring and rear lighting with a rotary switch for voltage simulation. 230 volt mains adapter included.



| Code no. | Description                    | Voltage | Price EUR |
|----------|--------------------------------|---------|-----------|
| 101 993  | Trailer lighting system tester | 24 V    | 198.00    |

## OBD II / EOBD Scanner

A real allrounder; this ergonomic scan tool will diagnose most OBD II compliant vehicles (1996 and later). Easily determines the cause of the Check Engine Light and retrieves generic and manufacturer specific codes. Turn off Check Engine Light, clear codes and reset monitors. Delivery includes nylon carry case, 1.8m OBD II cable, 9V cell battery, USB cable, users manual and CD software. Large, easy to read display with backlight in a sturdy rubber body.

- read permanent codes
- read maturing codes
- erase permanent codes
- turn off MIL (malfunction indicator light)
- code descriptions as text
- read VIN
- read calibration numbers
- freeze frame function
- read, store and playback live sensor data
- no batteries necessary for diagnose
- battery for offline use included
- USB cable for PC included
- dimensions 200 x 110 x 40mm



| Code no. | Description     | Fits          | languages      | Type   | Voltage | Price EUR |
|----------|-----------------|---------------|----------------|--------|---------|-----------|
| 104 305  | Diagnostic tool | Passenger car | D/EN/FRA/ES/NL | MS 509 | 12 V    | 149.00    |

## Clip removers

Useful set for damage-free removal of covers and panels i.e. OBDII socket panel, trim strips, cladding, switches etc. Robust plastic set suitable for road-side assistance, workshops, garages, saddleries etc. Delivered in a roll pack.



**NEW**



| Code no. | Description      | Pieces | Price/set EUR |
|----------|------------------|--------|---------------|
| 418 995  | Clip removal kit | 12     | 29.90         |

## Battery tester

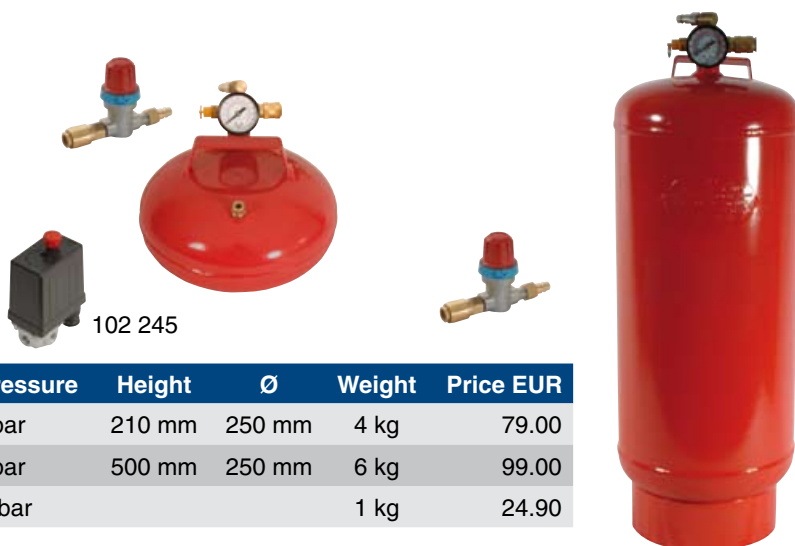
Robust and reliable battery tester for 6 and 12 V batteries, also suitable for capsule and maintenance-free vehicle batteries. Load testing and testing of the generator's charging voltage without the need to remove the battery. High accuracy of +/- 2%, suitable for batteries between 30 - 180 Ah.

| Code no. | Description              | Price EUR |
|----------|--------------------------|-----------|
| 102 915  | Battery tester 6/12 volt | 39.00     |



## Portable air tanks

Powder-coated portable air tank with manometer, handle, plug-in coupling, filling valve and drain valve. Can also be used as a reservoir tank in compressed air systems with electric compressors.



| Code no. | Description       | Contents | Max. pressure | Height | Ø      | Weight | Price EUR |
|----------|-------------------|----------|---------------|--------|--------|--------|-----------|
| 102 225  | Portable air tank | 5,6 L    | 8 bar         | 210 mm | 250 mm | 4 kg   | 79.00     |
| 102 235  | Portable air tank | 14 L     | 8 bar         | 500 mm | 250 mm | 6 kg   | 99.00     |
| 102 245  | Pressure monitor  |          | 12 bar        |        |        | 1 kg   | 24.90     |

## Air compressor with air reservoir

Very compact and light compressed air systems, complete with air tank, switch, pressure gauge and quick-action coupling.



102 166



102 196

| Code no. | Description    | Voltage | Max. pressure | Feature                           | filling time | Price EUR |
|----------|----------------|---------|---------------|-----------------------------------|--------------|-----------|
| 102 166  | Air compressor | 12 V    | 9 bar         | cutout switch, 6 litre air tank   | 1 min        | 299.00    |
| 102 196  | Air compressor | 24 V    | 8 bar         | 8 litre air tank, stainless steel | 4 min        | 295.00    |

## Air compressor technical data comparison

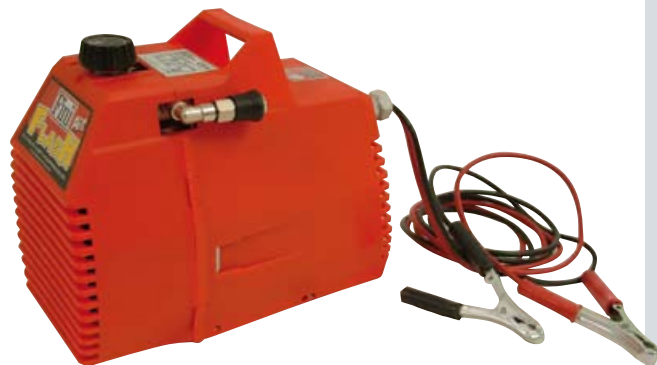
| Code no. | Description               | Voltage | Current consumption | Max. pressure | suction rate | delivery quantity | speed    |
|----------|---------------------------|---------|---------------------|---------------|--------------|-------------------|----------|
| 102 116  | Air compressor            | 12 V    | 50 A                | 8 bar         | 173 l/min    | 45 l/min / 8 bar  | 2660/min |
| 102 126  | Air compressor            | 24 V    | 25 A                | 8 bar         | 191 l/min    | 50 l/min / 8 bar  | 2940/min |
| 102 166  | Air compressor            | 12 V    | 42 A                | 9 bar         | 95 l/min     | 25 l/min / 8 bar  | 3000/min |
| 102 196  | Air compressor            | 24 V    | 8 A                 | 8 bar         | 47 l/min     | 12 l/min / 8 bar  | 4200/min |
| 102 056  | Air compressor            | 12 V    | 8 A                 | 10 bar        | 10 l/min     | 1 l/min / 8 bar   | 3000/min |
| 102 076  | Air compressor Heavy Duty | 12 V    | 17 A                | 10 bar        | 42 l/min     | 22 l/min / 8 bar  | 3000/min |
| 102 086  | Air compressor Heavy Duty | 24 V    | 11 A                | 10 bar        | 50 l/min     | 25 l/min / 8 bar  | 3000/min |
| 102 136  | Air compressor            | 12 V    | 30 A                | 10.3 bar      | 72 l/min     | 20 l/min / 8 bar  | 3500/min |
| 102 146  | Air compressor            | 12 V    | 45 A                | 10.3 bar      | 160 l/min    | 48 l/min / 8 bar  | 3000/min |



## Air compressor 12/24 volt

A handy and compact air compressor with shock-proof plastic housing which is immediately ready for use if you connect it to an existent battery (cable and clamps included in delivery).

The pressure is controllably variable. The device is protected against reverse-poling and overheating.



| Code no. | Description    | Voltage | Max. pressure | Feature       | Price EUR |
|----------|----------------|---------|---------------|---------------|-----------|
| 102 116  | Air compressor | 12 V    | 8 bar         | cutout switch | 349.00    |
| 102 126  | Air compressor | 24 V    | 8 bar         | cutout switch | 359.00    |

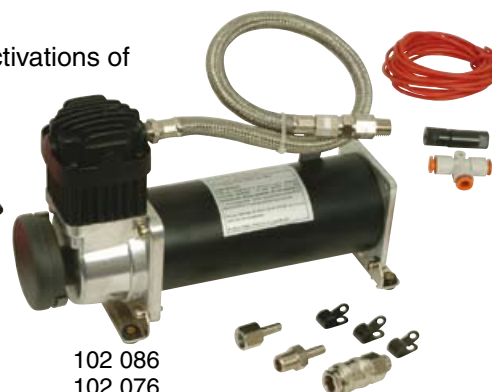
## Air compressor 12/24 volt

For fixed installation, also suitable for provision of electro-pneumatic activations of hydraulic functions on vehicles without compressed air system.

To inflate vehicle tyres etc., incl. air connection line.



102 056



102 086  
102 076

| Code no. | Description               | Voltage | Max. pressure | Feature       | Price EUR |
|----------|---------------------------|---------|---------------|---------------|-----------|
| 102 056  | Air compressor            | 12 V    | 10 bar        |               | 55.00     |
| 102 076  | Air compressor Heavy Duty | 12 V    | 10 bar        | cutout switch | 349.00    |
| 102 086  | Air compressor Heavy Duty | 24 V    | 10 bar        |               | 349.00    |

## High performance 12V air compressors

Compact construction, high air flow, for fixed installation or mobile use. With connecting cable, battery clamps, 5 m spiral hose, tyre valve with pressure gauge, and cutout switch. high performance for a low price!



102 136



102 146

| Code no. | Description    | Voltage | Max. pressure | Feature       | Price EUR |
|----------|----------------|---------|---------------|---------------|-----------|
| 102 136  | Air compressor | 12 V    | 10.3 bar      | cutout switch | 139.00    |
| 102 146  | Air compressor | 12 V    | 10.3 bar      | cutout switch | 189.00    |

| Duty cycle | cylinders | Volume   | Dimensions         | Weight  | Feature                           | filling time | Price EUR |
|------------|-----------|----------|--------------------|---------|-----------------------------------|--------------|-----------|
| 15 min     | 1         | 70 dB(A) | 330 x 190 x 270 mm | 7.0 kg  | cutout switch                     |              | 349.00    |
| 15 min     | 1         | 70 dB(A) | 330 x 190 x 270 mm | 7.0 kg  | cutout switch                     |              | 359.00    |
| 60 min     | 1         | 72 dB(A) | 460 x 420 x 180 mm | 12 kg   | cutout switch, 6 litre air tank   | 1 min        | 299.00    |
| 15 min     | 1         | 74 dB(A) | 355 x 355 x 180 mm | 4,5 kg  | 8 litre air tank, stainless steel | 4 min        | 295.00    |
| 5 min      | 1         | 80 dB(A) | 230 x 140 x 90 mm  | 0.9 kg  |                                   |              | 55.00     |
| 60 min     | 1         | 70 dB(A) | 247 x 100 x 172 mm | 3.8 kg  | cutout switch                     |              | 349.00    |
| 20 min     | 1         | 70 dB(A) | 247 x 100 x 172 mm | 3.8 kg  |                                   |              | 349.00    |
| 30 min     | 1         | 72 dB(A) | 300 x 140 x 200 mm | 5.4 kg  | cutout switch                     |              | 139.00    |
| 20 min     | 1         | 72 dB(A) | 325 x 150 x 220 mm | 10.0 kg | cutout switch                     |              | 189.00    |



### Pneumatic siphon pump

Suitable for siphoning all kinds of fuel, also petrol and biodiesel. Serially equipped with 2 suction tubes, diameter 6.5 mm and 8.5 mm. Flow rate up to 10 l/minute, only 4.5 bar pressure necessary, incl. pressure reducer. Equipped with gas pendular system, if employed according to instructions no release of fuel vapours, therefore also suitable for garages. Very compact construction, weight only 8 kg. Please order barrel (capacity 60 L) and special hose for siphoning at fuel line separately. CE and GS approved.



| Code no. | Description           | Dimensions       | Suction force  | Price EUR |
|----------|-----------------------|------------------|----------------|-----------|
| 102 806  | Pneumatic siphon pump | W 140 x H 260 mm | up to 10 l/min | 719.00    |

| Code no. | Description           | Price EUR |
|----------|-----------------------|-----------|
| 102 826  | Special siphon line   | 89.00     |
| 102 846  | Barrel, capacity 60 L | 55.00     |

### Plastic fluid pump

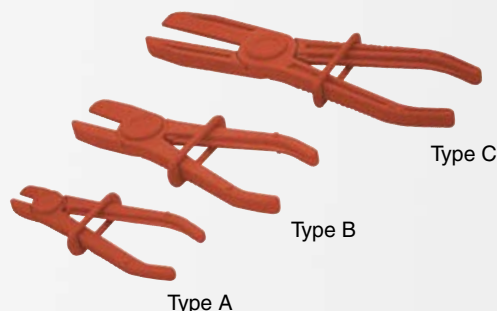
With this very handy and lightweight pump you can empty tanks of all kinds of fluids, without current, in no time, onsite. Handling is very easy: You only have to pump a few times and then let the liquid flow. The solid plastic construction doesn't produce any sparks and cannot corrode. 1.8 m suction hose and 0.9 m outflow hose, flow rate up to 4.5 l/minute.

| Code no. | Description        | Price EUR |
|----------|--------------------|-----------|
| 102 705  | Plastic fluid pump | 37.00     |



### Hose clamps

Clamp hoses between 3 and 80 mm Ø quickly and securely. When replacing e.g. radiators or aggregates in fuel cycle you avoid unwanted leakage of liquids. During roadway service you can reliably close hoses during repair work.



| Code no. | Description                       | Ø             | Price EUR |
|----------|-----------------------------------|---------------|-----------|
| 412 403  | Hose clamps (Kit of all 3 clamps) |               | 32.00     |
| 412 103  | Hose clamp                        | A up to 20 mm | 9.00      |
| 412 203  | Hose clamp                        | B up to 40 mm | 12.00     |
| 412 303  | Hose clamp                        | C up to 80 mm | 15.00     |

**USEFUL****Water/fuel pump**

This electric pump is suitable for pumping water and fuels (authorised for fuels with a flash point above 38° C). Flow rate approx. 10 l/minute.

The corresponding hose kit consists of a siphon hose and a pressure hose (each 3 m), ball cock, suction probe 8 x 1300 mm and staged adapter.



102 515



The connector system allows simple change between step adapter and exhaust tube.



102 527

Siphon tube with steel inlay for easier insertion.

With this step adapter via fuel line a nearly complete draining of the vehicle can be assured.



| Code no. | Description     | Dimensions               | Voltage | Price EUR |
|----------|-----------------|--------------------------|---------|-----------|
| 102 515  | Water/fuel pump | L 200 x H 130 x W 110 mm | 12 V    | 229.00    |
| 102 527  | Hose kit        |                          |         | 104.00    |

**Vacuum pump**

This manually operated vacuum pump is simple to handle and can siphon liquids as e.g. motor oil, brake fluid, gear lubricants, water etc. It has a volume of 6.5 ltr., is 650 mm high and heat-resistant.

Delivery includes 3 tubes.



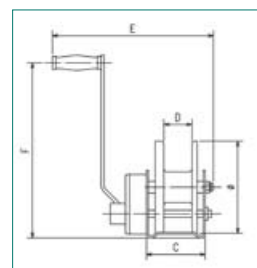
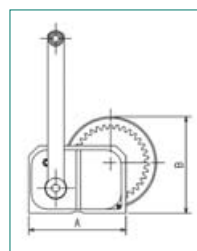
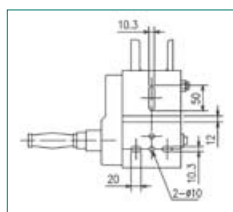
| Code no. | Description | Dimensions       | Filling quantity | Price EUR |
|----------|-------------|------------------|------------------|-----------|
| 102 735  | Vacuum pump | H 650 x Ø 150 mm | 6.5 L            | 99.00     |





### Hand winch

With automatic load control brake and disengage. The housing is completely zinc-plated and equipped with a gear cover. Gear ratio 3.5:1. Delivery without cable.

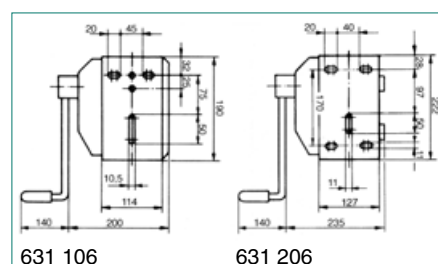
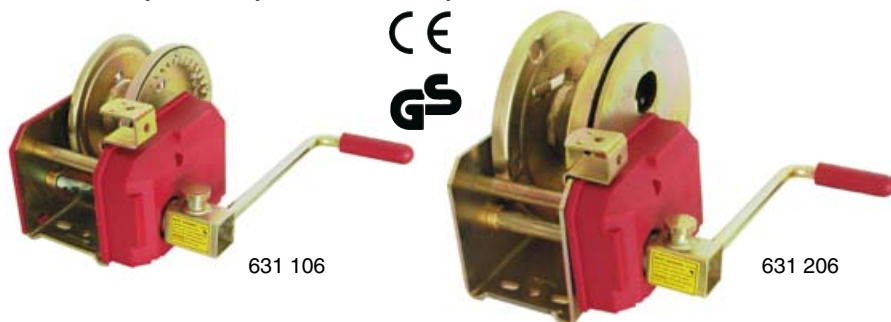


| A      | B      | C      | D     | E      | F      | Ø      |
|--------|--------|--------|-------|--------|--------|--------|
| 190 mm | 189 mm | 115 mm | 55 mm | 315 mm | 342 mm | 180 mm |

| Code no. | Description | Ø cable | Traction force | EUR    |
|----------|-------------|---------|----------------|--------|
| 631 604  | Hand winch  | 6 mm    | 900 kg         | 133.00 |

### Hand winches

With automatic load control brake and reversal protection. Drive shaft and pinions are surface-hardened. The reduction gear is sealed against dirt. Automatic unwind by removing the crank handle. User-friendly and very robust. Delivery without cable.



| Code no. | Description               | Ø cable | Traction force | EUR    |
|----------|---------------------------|---------|----------------|--------|
| 631 106  | Hand winch with freewheel | 6 mm    | 900 kg         | 188.00 |
| 631 206  | Hand winch with freewheel | 7 mm    | 1250 kg        | 356.00 |



### Winch cable

| Code no. | Length | Ø    | recommended maximum winch capacity | minimum breaking load (EN 12385-4) | EUR   |
|----------|--------|------|------------------------------------|------------------------------------|-------|
| 706 105  | 10 m   | 6 mm | 1,5 t                              | 2550 kg                            | 29.00 |
| 706 205  | 20 m   | 6 mm | 1,5 t                              | 2550 kg                            | 40.00 |
| 707 105  | 10 m   | 7 mm | 2 t                                | 3480 kg                            | 32.00 |
| 707 205  | 20 m   | 7 mm | 2 t                                | 3480 kg                            | 42.00 |



Delivery without winch

### Strap for hand winch

Strap instead of wire cable. The webbing is light, comfortable to touch, doesn't twist and tangle.

The strap is delivered complete with fastening kit.

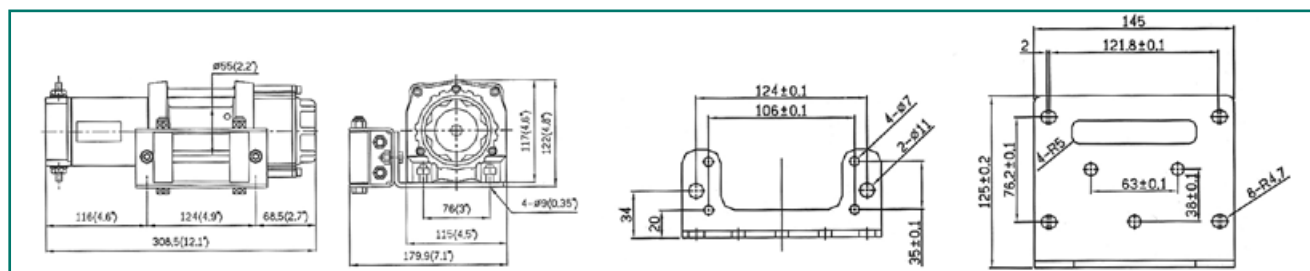
| Code no. | Description             | Length | EUR   |
|----------|-------------------------|--------|-------|
| 631 306  | Strap for winch 631 106 | 6 m    | 27.50 |
| 631 406  | Strap for winch 631 206 | 9 m    | 38.00 |

## Electric winch Come Up for low loads

Electric winch for towing of low loads. Outstanding alternative to a hand winch.

### Scope of Delivery:

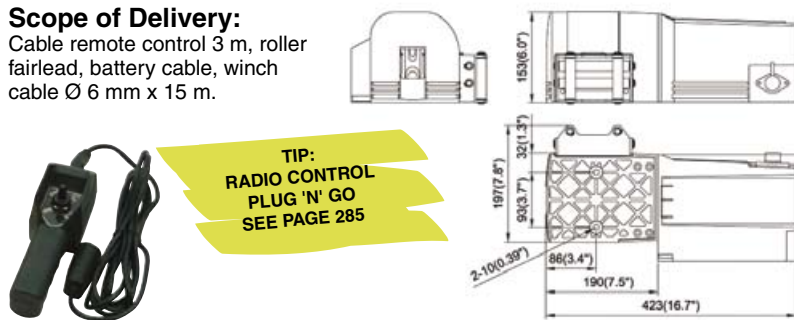
switch, roller fairlead, battery cable, wire rope  $\varnothing$  4.8 mm x 15 m, freewheel, mounting bracket



| Code no. | Description  | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|--------------|-----------------|----------------|---------|--------|--------|
| 634 705  | ComeUp CUB 3 | 6.3 - 2.5 m/min | max. 1 t       | 12 V    | 8 kg   | 330.00 |

### Scope of Delivery:

Cable remote control 3 m, roller fairlead, battery cable, winch cable  $\varnothing$  6 mm x 15 m.



| Code no. | Description     | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|-----------------|-----------------|----------------|---------|--------|--------|
| 634 205  | ComeUp DV 4500i | 3.6 - 1.4 m/min | max. 1.5 t     | 12 V    | 19 kg  | 419.00 |
| 634 305  | ComeUp DV 4500i | 3.6 - 1.4 m/min | max. 1.5 t     | 24 V    | 19 kg  | 449.00 |

## Cover

The waterproof neoprene material protects your winch from wind and rain.

| Code no. | Description | EUR   |
|----------|-------------|-------|
| 634 914  | Cover       | 69.00 |



Suitable for  
ATV 3000,  
CUB 3, DV  
4500i

## Cut-off relays

Battery cut-off relay for turning off high power energy consumers such as electric winches etc. via remote control. Also suitable as emergency stop button for electric winches with various radio remote controls. Permanently loadable up to 250 A.

| Code no. | Description                | Max. charge   | Voltage | EUR   |
|----------|----------------------------|---------------|---------|-------|
| 125 365  | Cut-off relay up to 2400 A | 2400 A / 10 s | 12 V    | 98.00 |
| 125 375  | Cut-off relay up to 2400 A | 2400 A / 10 s | 24 V    | 98.00 |

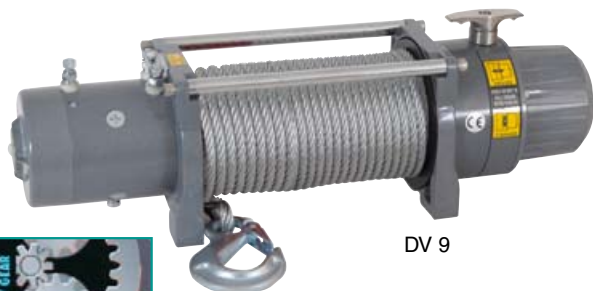


## Elektro-Winden ComeUp DV 9/9i

Our value for money electric winches. Robust, good pulling qualities and long life. For loading vehicles onto trailers or for light tow trucks.

- improved coating
- new high quality solenoid

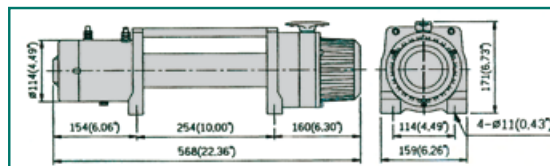
Order mounting  
plate too!



DV 9



incl. relay



Planetary gear

### Scope of Delivery:

DV 9 - cable remote control 5 m, roller fairlead, battery cable, winch cable Ø 8 mm x 35 m.



incl. cable remote control 5 m



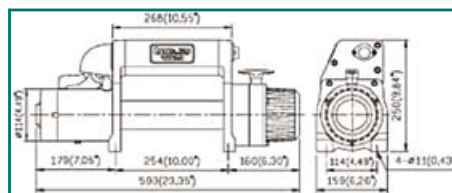
incl. roller fairlead

| Code no. | Description | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|-------------|-----------------|----------------|---------|--------|--------|
| 634 655  | ComeUp DV 9 | 4.6 - 2.0 m/min | max. 4 t       | 12 V    | 46 kg  | 719.00 |
| 634 675  | ComeUp DV 9 | 4.6 - 2.0 m/min | max. 4 t       | 24 V    | 46 kg  | 795.00 |

TIP:  
RADIO CONTROL  
PLUG 'N' GO  
SEE PAGE 285



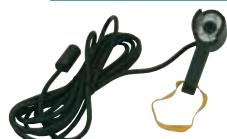
DV 9i  
in-built relay



Planetary gear

### Scope of Delivery:

DV 9i - cable remote control 5 m, roller fairlead, battery cable, winch cable Ø 8 mm x 35 m.



incl. cable remote control 5 m



incl. roller fairlead

| Code no. | Description  | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|--------------|-----------------|----------------|---------|--------|--------|
| 634 685  | ComeUp DV 9i | 4.6 - 2.0 m/min | max. 4 t       | 12 V    | 46 kg  | 719.00 |
| 634 695  | ComeUp DV 9i | 4.6 - 2.0 m/min | max. 4 t       | 24 V    | 46 kg  | 795.00 |

TIP:  
RADIO CONTROL  
PLUG 'N' GO  
SEE PAGE 285



634 165

Mounting plate (stainless steel), necessary for fixing roller fairleads



634 924  
634 934



119 636



125 365  
125 375



634 795

| Code no. | Description   | Tensione  | EUR    |
|----------|---|-----------|--------|
| 634 165  | Mounting plate for DV 9/9i, DS 9.5/9.5i, Ramsey REP 8000/Profile 8000         |           | 82.00  |
| 634 924  | Cover for DV 9, DS 9.5, REP 5000 and REP 8000                                 |           | 69.00  |
| 634 934  | Cover for DV 9i, DS 9.5i  |           | 69.00  |
| 119 636  | Industry radio control kit Plug 'n' go for electric winches                   | 9-30 Volt | 319.00 |
| 634 795  | Cable remote control special length 10 m for ComeUp DV 9/9i/12/15 and DS 9/9i |           | 85.00  |
| 125 365  | Cut-off relay up to 2400 A  | 12 Volt   | 98.00  |
| 125 375  | Cut-off relay up to 2400 A  | 24 Volt   | 98.00  |

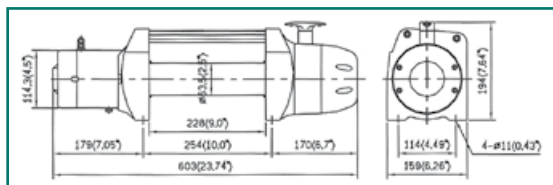


## Electric winches ComeUp DS 9.5 / DS 9.5i

Our approved Come Up winches now in modern design and with innovative technology:

- increased towing capacity
- high grade sealed and therefore waterproof relay
- protective heat sensor inside the winch with LED display on the remote control
- improved coating

Order mounting plate too!



incl. relay box



DS 9.5

### Scope of Delivery:

DS 9.5 - cable remote control 5 m, roller fairlead, battery cable, cable Ø 8 mm x 30 m



incl. roller fairlead



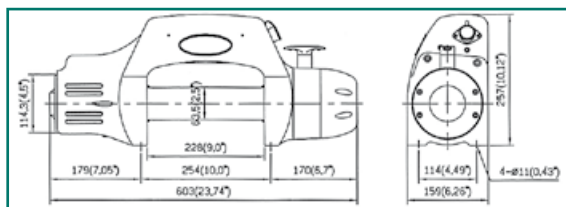
incl. cable remote control 5 m

TIP:  
RADIO CONTROL  
PLUG 'N' GO  
SEE PAGE 285



Planetary gear

| Code no. | Description   | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|---------------|-----------------|----------------|---------|--------|--------|
| 634 745  | ComeUp DS 9.5 | 4.7 - 2.1 m/min | max. 4.3 t     | 12 V    | 48 kg  | 769.00 |



### Scope of Delivery:

DS 9.5i - cable remote control 5 m, roller fairlead, battery cable, cable Ø 8 mm x 30 m



incl. roller fairlead



incl. cable remote control 5 m

TIP:  
RADIO CONTROL  
PLUG 'N' GO  
SEE PAGE 285



DS 9.5i  
in-built relay



Planetary gear

| Code no. | Description    | Rope speed      | Traction force | Voltage | Weight | EUR    |
|----------|----------------|-----------------|----------------|---------|--------|--------|
| 634 765  | ComeUp DS 9.5i | 4.7 - 2.1 m/min | max. 4.3 t     | 12 V    | 48 kg  | 769.00 |



634 165

Mounting plate (stainless steel), necessary for fixing roller fairleads



634 924  
634 934



119 636

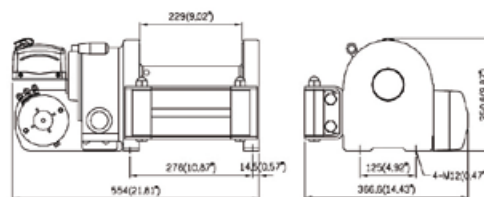
634 795

125 365  
125 375

| Code no. | Description   | Tensione  | EUR    |
|----------|---|-----------|--------|
| 634 165  | Mounting plate for DV 9/9i, DS 9.5/9.5i, Ramsey REP 8000/Profile 8000         |           | 82.00  |
| 634 924  | Cover for DV 9, DS 9.5, REP 5000 and REP 8000                                 |           | 69.00  |
| 634 934  | Cover for DV 9i, DS 9.5i  |           | 69.00  |
| 119 636  | Industry radio control kit Plug 'n' go for electric winches                   | 9-30 Volt | 319.00 |
| 634 795  | Cable remote control special length 10 m for ComeUp DV 9/9i/12/15 and DS 9/9i |           | 85.00  |
| 125 365  | Cut-off relay up to 2400 A  | 12 Volt   | 98.00  |
| 125 375  | Cut-off relay up to 2400 A  | 24 Volt   | 98.00  |

## ComeUp electric winch "Wolf"

Extremely robust electric winch due to the worm gear. Water-tight long-life switching relay, self-locking brake and manual unlocking. Exceedingly compact construction.



### Scope of Delivery:

Wolf 8.5 - cable remote control 5 m, roller fairlead, battery cable, rope Ø 8 mm x 45 m

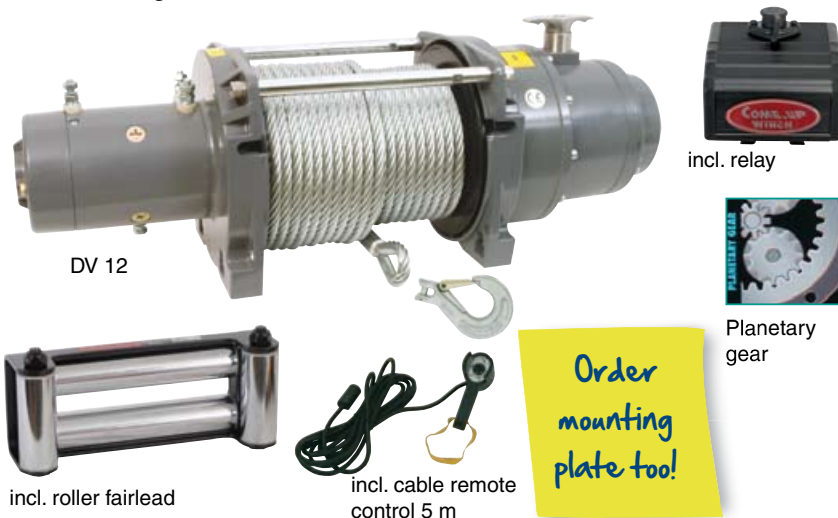
### Scope of Delivery:

Wolf 12.0 - cable remote control 5 m, roller fairlead, battery cable, rope Ø 9.5 mm x 30 m

| Code no. | Description       | Rope speed       | Traction force | Voltage | Weight | EUR      |
|----------|-------------------|------------------|----------------|---------|--------|----------|
| 634 505  | Come Up Wolf 8.5  | 10.6 - 1.8 m/min | max. 3.8 t     | 12 V    | 51 kg  | 1,190.00 |
| 634 515  | Come Up Wolf 8.5  | 10.6 - 1.8 m/min | max. 3.8 t     | 24 V    | 51 kg  | 1,190.00 |
| 634 525  | Come Up Wolf 12.0 | 6.2 - 1.0 m/min  | max. 5.4 t     | 12 V    | 51 kg  | 1,290.00 |
| 634 535  | Come Up Wolf 12.0 | 6.2 - 1.0 m/min  | max. 5.4 t     | 24 V    | 51 kg  | 1,290.00 |

## Electric winches ComeUp DV 12/15

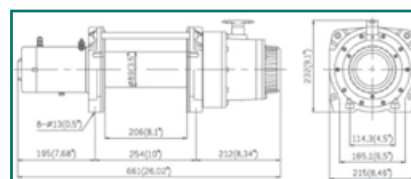
Our value for money electric winches. Robust, good pulling qualities and long life. For loading vehicles onto trailers or for light tow trucks.



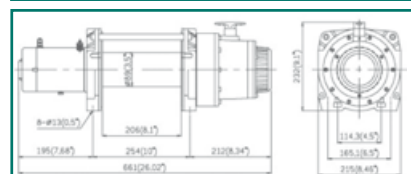
incl. relay



Planetary gear



DV 12



DV 15

### Scope of Delivery:

DV 12 - cable remote control 5 m, roller fairlead, battery cable, winch cable 9.5 mm x 38 m.

### Scope of Delivery:

DV 15 - cable remote control 5 m, roller fairlead, battery cable, winch cable Ø 11 mm x 27 m.

| Code no. | Description  | Rope speed      | Traction force | Voltage | Weight | EUR      |
|----------|--------------|-----------------|----------------|---------|--------|----------|
| 634 565  | ComeUp DV 12 | 2.6 - 1.2 m/min | max. 5.4 t     | 12 V    | 70 kg  | 1,049.00 |
| 634 575  | ComeUp DV 12 | 2.6 - 1.2 m/min | max. 5.4 t     | 24 V    | 70 kg  | 1,049.00 |
| 634 585  | ComeUp DV 15 | 1.6 - 0.8 m/min | max. 6.8 t     | 12 V    | 70 kg  | 1,099.00 |
| 634 595  | ComeUp DV 15 | 1.6 - 0.8 m/min | max. 6.8 t     | 24 V    | 70 kg  | 1,099.00 |



634 255

Mounting plate (stainless steel), necessary for fixing of roller fairleads



Cable remote control

125 365  
125 375



| Code no. | Description   | Tensione | EUR   |
|----------|---|----------|-------|
| 634 255  | Mounting plate for DV 12 + DV 15  |          | 82.00 |
| 634 145  | Cable remote control special length 10 m for ComeUp DV and Wolf winches       |          | 85.00 |
| 634 795  | Cable remote control special length 10 m for ComeUp DV 9/9i/12/15 and DS 9/9i |          | 85.00 |
| 125 365  | Cut-off relay up to 2400 A  | 12 Volt  | 98.00 |
| 125 375  | Cut-off relay up to 2400 A  | 24 Volt  | 98.00 |

# EASY TO RETROFIT RADIO CONTROL

## Radio control for "Plug 'n' go" winches

Very quick to install industry radio remote control with 2 functions for electric winches. Simplest handling: Secure receiver, connect earth cable, plug into cable remote control, ready! No prior knowledge necessary, ready in seconds!



incl. remote control

- Ready to use, with connector for existent winch
- 2 functions, transmitter with manual cutout
- 12/24 volt power supply, 3 m cable
- range 150m, housing waterproof IP 67
- transmitter battery life 2500 hours
- preassembled plug compatible with several winch brands

Freedom of movement when loading!

Connection 3-pin plug  
e.g. for ComeUp winches  
DV 9000 – 15000



Connection 4-pin plug  
e.g. for Ramsey, Vime,  
Superwinch and Warn



Connection 6-pin  
for ComeUp winches DV  
9/i – DV 15, DS 9/i

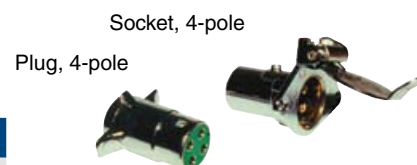


| Code no. | Description   | Version         | Voltage | EUR    |
|----------|---|-----------------|---------|--------|
| 119 616  | Industry radio control kit Plug 'n' go for electric winches | 3-pin connector | 9-30 V  | 319.00 |
| 119 626  | Industry radio control kit Plug 'n' go for electric winches | 4-pin connector | 9-30 V  | 319.00 |
| 119 636  | Industry radio control kit Plug 'n' go for electric winches | 6-pin connector | 9-30 V  | 319.00 |

## Plugs/sockets for cable remote control

Stable, 4-pole versions made of zinc-plated metal, suitable for electric winches and the corresponding cable remote controls.

| Code no. | Description                                   | Version  | EUR   |
|----------|---|----------|-------|
| 630 826  | Socket for winch                              | 4 - pole | 11.00 |
| 630 846  | Plug for cable remote control / winch control | 4 - pole | 11.00 |



## Winch solenoid

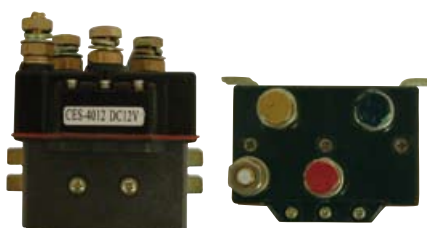
Solenoid for Come Up electric winches, suitable for all other makes.

winch type: DV 4500i/9000/9000i/1200  
0/15000  
(not DV 12000ES/15000ES)

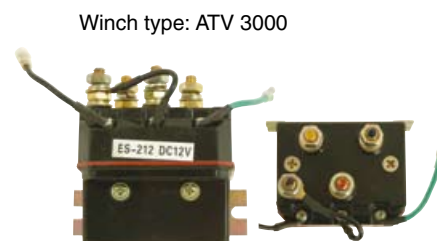
Winch type: DV 9/9i/  
DS9,5/9,5i/12000ES/15000ES/Wolf



634 803 / 634 813



634 853 / 634 863



634823

| Code no. | Description | Suitable for          | Voltage | EUR    |
|----------|-------------|-----------------------|---------|--------|
| 634 803  | Solenoid    | Come Up (Ramsey, JEM) | 12 V    | 32.90  |
| 634 813  | Solenoid    | Come Up (Ramsey, JEM) | 24 V    | 39.90  |
| 634 853  | Solenoid    | Come Up               | 12 V    | 131.40 |
| 634 863  | Solenoid    | Come Up               | 24 V    | 144.60 |
| 634 823  | Solenoid    | Come Up               | 12 V    | 68.90  |



## Ramsey electric winches REP 5000/8000 and Profile 8000

Electric winches with planetary gear for loading of passenger cars and cross-country vehicles on car trailers or light-duty recovery trucks. With permanent magnet motor for less power consumption.

### Scope of Delivery:

REP 5000:

Cable remote control 3 m, roller fairlead, 1.5 m battery cable, winch cable Ø 7 mm x 20 m

### Scope of Delivery:

REP 8000:

Cable remote control 3 m, roller fairlead, 1.5 m battery cable, Winch cable 8 mm x 20 m.

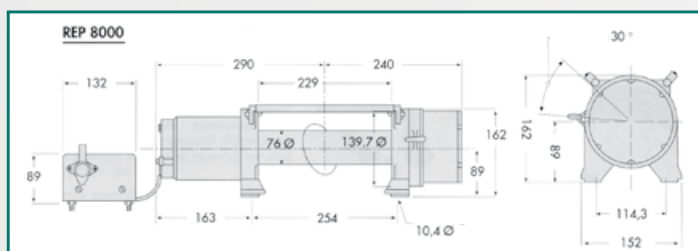
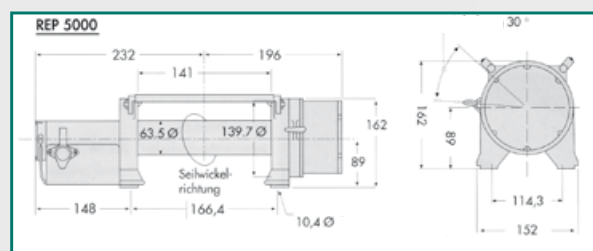


# RAMSEY WINCH



REP 8000R

CE



| Code no. | Description           | Rope speed      | Traction force | Voltage | EUR          |
|----------|-----------------------|-----------------|----------------|---------|--------------|
| 639 704  | Ramsey REP 5000-R     | 4.5 - 2.3 m/min | max. 2.2 t     | 12 V    | 27 kg 795.00 |
| 639 724  | Ramsey REP 5000-R     | 6.3 - 3.5 m/min | max. 2.2 t     | 24 V    | 27 kg 875.00 |
| 639 744  | Ramsey REP 8000-R     | 5 - 3.2 m/min   | max. 3.6 t     | 12 V    | 35 kg 945.00 |
| 639 754  | Ramsey Profile 8000-R | 9.1 - 3.1 m/min | max. 3.6 t     | 24 V    | 34 kg 979.00 |

Order  
mounting  
plate too!

| Code no. | Description   | Voltage | EUR   |
|----------|---|---------|-------|
| 634 135  | Stainless steel mounting plate suitable for Ramsey REP 5000           |         | 82.00 |
| 634 165  | Mounting plate for DV 9/9i, DS 9.5/9.5i, Ramsey REP 8000/Profile 8000 |         | 82.00 |
| 634 924  | Cover for DV 9, DS 9.5, REP 5000 and REP 8000                         |         | 69.00 |
| 125 365  | Cut-off relay up to 2400 A  | 12 V    | 98.00 |
| 125 375  | Cut-off relay up to 2400 A  | 24 V    | 98.00 |

634 135



634 165

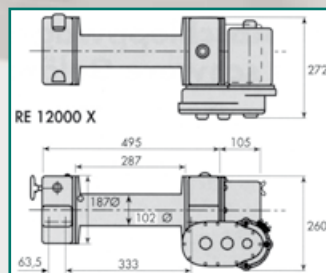
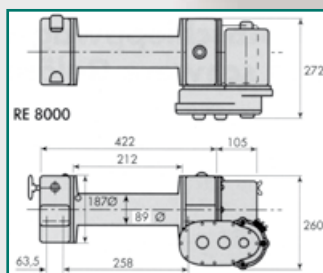
Mounting plate (stainless steel), necessary for fixing roller fairleads



634 924

## Ramsey electric winches RE 8000 and RE 12000 RX

Electric winches with worm gear for loading and recovery of passenger cars and cross-country vehicles. Suitable for mounting on car transporters or recovery trucks. The powerful "classic".



RE 12000 RX

CE

**TOUGH +  
POWERFUL**

### Scope of Delivery:

RE 8000 – Cable remote control 3 m, roller fairlead, battery cable, cable Ø 9 mm x 20 m.

### Scope of Delivery:

RE 12000 RX – Cable remote control 3 m, roller fairlead, battery cable, rope Ø 11 mm x 20 m

| Code no. | Description        | Rope speed      | Traction force | Voltage | Weight | EUR      |
|----------|--------------------|-----------------|----------------|---------|--------|----------|
| 639 784  | Ramsey RE 8000     | 6.1 - 2.1 m/min | max. 3.6 t     | 12 V    | 59 kg  | 1,269.00 |
| 639 794  | Ramsey RE 8000     | 4.5 - 1.6 m/min | max. 3.6 t     | 24 V    | 59 kg  | 1,349.00 |
| 639 824  | Ramsey RE 12000 RX | 4.9 - 2.0 m/min | max. 5.4 t     | 12 V    | 61 kg  | 1,449.00 |
| 639 844  | Ramsey RE 12000 RX | 4.2 - 1.5 m/min | max. 5.4 t     | 24 V    | 61 kg  | 1,599.00 |

## Electric winch RE 34.9

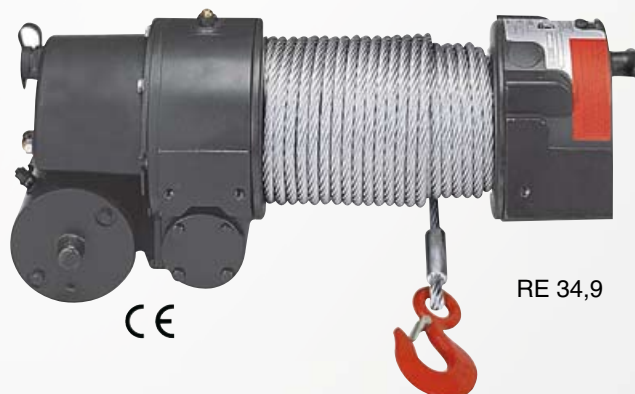
Electric winches with worm gear for loading and recovery of passenger cars and offroaders. Suitable for mounting on car transporters or recovery trucks. The powerful "classic", compliant with EN14492-1.

**ACCORDING TO  
EN 14492-1**



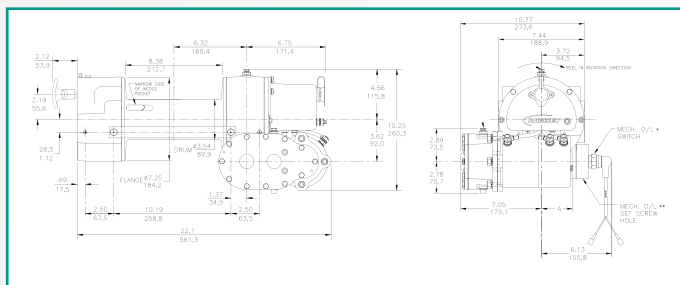
### Scope of Delivery:

RE 34.9: cable remote control 3m, roller fairlead, battery cable, overload device, emergency stop



RE 34,9

CE



| Code no. | Description    | Rope speed      | Traction force | Voltage | Weight | EUR      |
|----------|----------------|-----------------|----------------|---------|--------|----------|
| 639 764  | Ramsey RE 34,9 | 6,1 - 2,1 m/min | 3,49 t         | 12 V    | 59 kg  | 1,490.00 |
| 639 774  | Ramsey RE 34,9 | 4,5 - 1,6 m/min | 3,49 t         | 24 V    | 59 kg  | 1,580.00 |

| Code no. | Description | Length | Ø     | minimum breaking load (EN 12385-4) | EUR   |
|----------|-------------|--------|-------|------------------------------------|-------|
| 710 205  | Winch cable | 20 m   | 10 mm | 7100 kg                            | 61.00 |

## Mounting console

The mounting consoles are ideal to mount the winches RE 8000, RE 12000, RE 34,9 and DC 34,9 on a trailer or vehicle where a countersunk mounting is not possible.



### Advantage:

The winch can easily be screwed onto a flat surface!



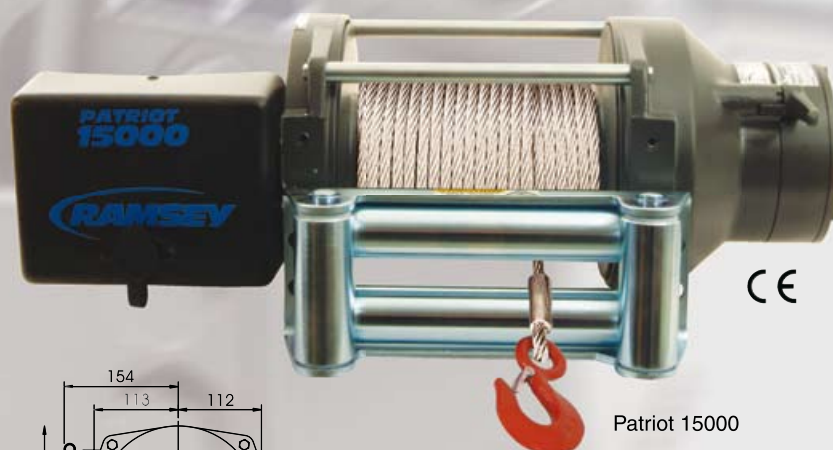
| Code no. | Description                               | EUR    |
|----------|---|--------|
| 630 457  | Mounting console for RE 8000, RE34,9      | 164.00 |
| 630 477  | Mounting console for RE 12000 RX, DC 34,9 | 164.00 |

## Ramsey electric winches Patriot 15000

Electric winches with planetary gearing for loading passenger cars, ATVs and vans onto tow trucks. Permanent magnetic motor for low power consumption.

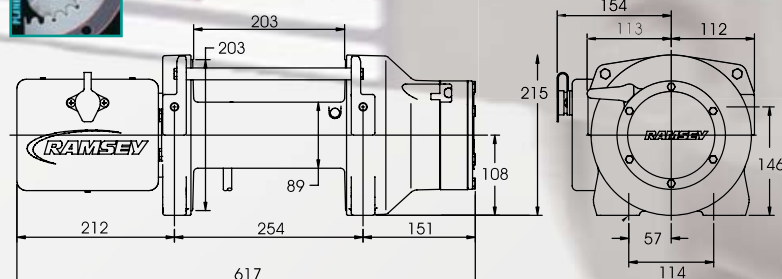


Planetary gear



CE

Patriot 15000



### Scope of Delivery:

Cable remote control 3 m, roller fairlead, battery cable, steel cable Ø 11 mm x 25 m.

| Code no. | Description   | Rope speed      | Traction force | Voltage | Weight | EUR      |
|----------|---------------|-----------------|----------------|---------|--------|----------|
| 639 854  | Patriot 15000 | 7.6 - 1.2 m/min | 6.8 t          | 12 V    | 54 kg  | 1,580.00 |
| 639 864  | Patriot 15000 | 7.6 - 1.2 m/min | 6.8 t          | 24 V    | 54 kg  | 1,680.00 |

ACCORDING TO  
EN 14492-1



DC 34,9

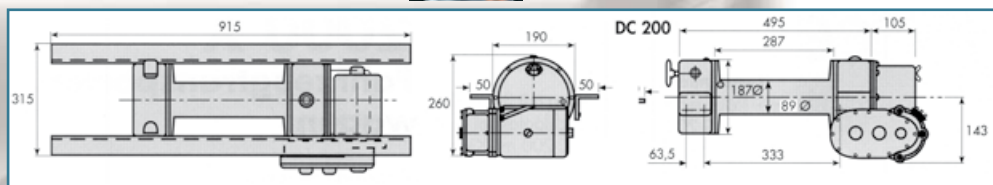
## Electric winch DC 34,9

Winches with worm gear for loading and recovery of passenger cars and cross-country vehicles. Suitable for mounting on car transporters or recovery trucks, very powerful and robust.



### Scope of Delivery:

Mounting frame, cable  
remote control 3 m



| Code no. | Description            | Rope speed      | Traction force | Voltage | Weight | EUR      |
|----------|------------------------|-----------------|----------------|---------|--------|----------|
| 639 804  | Electric winch DC 34,9 | 4,3 - 1,1 m/min | 3,49 t         | 12 V    | 53 kg  | 1,390.00 |
| 639 814  | Electric winch DC 34,9 | 4,3 - 1,1 m/min | 3,49 t         | 24 V    | 53 kg  | 1,480.00 |

| Code no. | Description                               | Length | Ø     | minimum breaking load (EN 12385-4) | EUR    |
|----------|---|--------|-------|------------------------------------|--------|
| 710 305  | Winch cable                               | 30 m   | 10 mm | 7100 kg                            | 75.00  |
| 639 623  | Roller fairlead                           |        |       |                                    | 215.00 |
| 630 477  | Mounting console for RE 12000 RX, DC 34,9 |        |       |                                    | 164.00 |

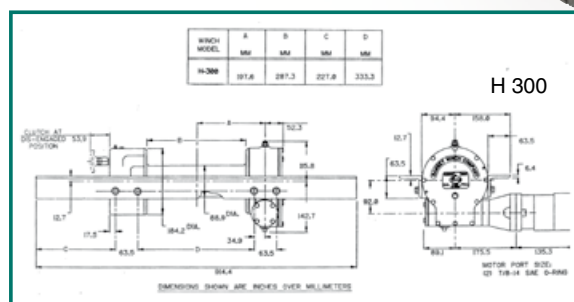


## Hydraulic winches Ramsey H-300 and H-800

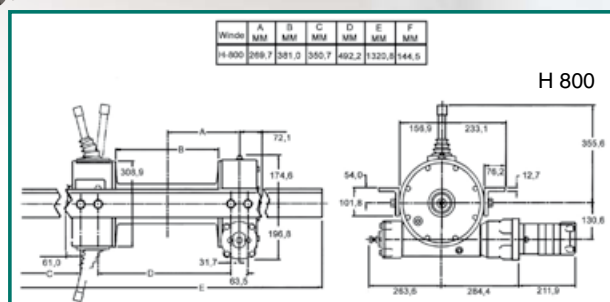
Hydraulic winches with worm gear for towing and recovery vehicles. Robust construction, adjustable oil-cooled disc brake. Drum can be disengaged to unwind the rope.



H 300



H 300



H 800

| Code no. | Description  | Rope speed | Traction force | Pressure | Weight | EUR      |
|----------|--------------|------------|----------------|----------|--------|----------|
| 639 613  | Ramsey H-300 | 6.0 m/min  | 4 t            | 120 bar  | 50 kg  | 1,130.00 |
| 639 643  | Ramsey H-800 | 5.4 m/min  | 9 t            | 145 bar  | 155 kg | 3,590.00 |



| Code no. | Description          | Length | Ø     | EUR    |
|----------|----------------------|--------|-------|--------|
| 711 355  | Winch rope for H-300 | 35 m   | 11 mm | 105.00 |
| 716 505  | Winch rope for H-800 | 50 m   | 16 mm | 242.00 |



## Roller fairlead for hydraulic winches H-300 and H-800

| Code no. | Description     | Fits                    | Drum width | EUR    |
|----------|-----------------|-------------------------|------------|--------|
| 639 623  | Roller fairlead | H-300/DC 200            | 287 mm     | 215.00 |
| 639 473  | Roller fairlead | H-800 / RPH 20000/25000 | 381 mm     | 199.00 |



## ComeUp hydraulic winch Yak

Extremely robust and compact winch with 1-stage worm gear and powerful hydraulic motor. According to the European standard EN14492-1.

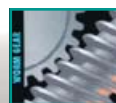
**ACCORDING TO  
EN 14492-1**

### Technical data:

Yak 5 max. 45l/min.  
Yak 7 max. 60l/min

### Scope of Delivery:

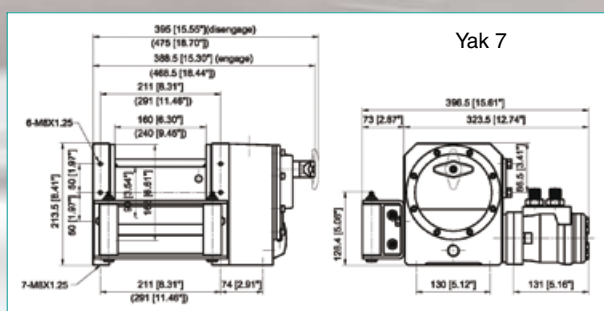
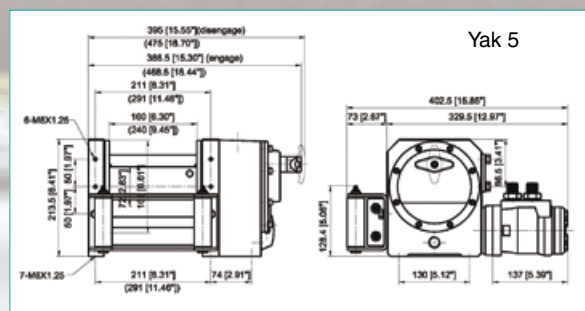
incl. roller fairlead



CE

**NEW**

Fulfills SAE  
J706 and  
REMSA  
standards



| Code no. | Description   | Disengage | Rope speed | Traction force | Pressure | EUR    |
|----------|---------------|-----------|------------|----------------|----------|--------|
| 643 303  | ComeUp Yak 5K | manual    | 4,4 m/min  | 2,2 t          | 60 bar   | 760.00 |
| 643 323  | ComeUp Yak 5L | manual    | 4,4 m/min  | 2,2 t          | 60 bar   | 770.00 |
| 643 343  | ComeUp Yak 7K | manual    | 7,8 m/min  | 3,2 t          | 110 bar  | 820.00 |
| 643 363  | ComeUp Yak 7L | manual    | 7,8 m/min  | 3,2 t          | 110 bar  | 840.00 |

### Rope tensioner for Yak5L / Yak7L



| Code no. | Description                      | Fits              | Length | Ø     | minimum breaking load<br>(EN 12385-4) | EUR    |
|----------|----------------------------------|-------------------|--------|-------|---------------------------------------|--------|
| 643 153  | Rope tensioner for Yak5K / Yak7K |                   |        |       |                                       | 72.00  |
| 643 163  | Rope tensioner for Yak5L / Yak7L |                   |        |       |                                       | 72.00  |
| 708 405  | Winch cable                      | Yak5K             | 40 m   | 8 mm  | 4550 kg                               | 78.00  |
| 708 605  | Winch cable                      | Yak5L             | 60 m   | 8 mm  | 4550 kg                               | 115.00 |
| 710 205  | Winch cable                      | Yak7K, HD-P 8000Y | 20 m   | 10 mm | 7100 kg                               | 61.00  |
| 710 305  | Winch cable                      | HD-P 8000S, Yak7L | 30 m   | 10 mm | 7100 kg                               | 75.00  |

## Hydraulic winches Ramsey

### HD-P 8000/10000

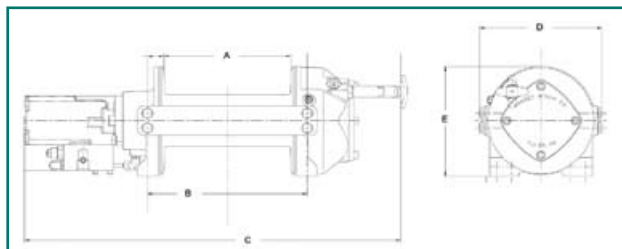
The further development of the approved RPH series is now equipped with a nearly abrasion-free and silent hydraulic brake. Dependability, low own weight, hydraulic motor with high torque and a very robust planetary gear are only some of the advantages of this industry winch series for professional employment on towing and recovery vehicles.



HD-P 8000S



Picture shows winch incl. roller fairlead and rope tensioner (to be ordered separately!).



| Code no. | Description | Disengage | Traction force | Pressure | A      | B      | C      | D      | E      | EUR      |
|----------|-------------|-----------|----------------|----------|--------|--------|--------|--------|--------|----------|
| 639 103  | HD-P 8000Y  | manual    | 3.6 t          | 175 bar  | 165 mm | 228 mm | 626 mm | 237 mm | 213 mm | 1,020.00 |
| 639 113  | HD-P 8000Y  | pneumatic | 3.6 t          | 175 bar  | 165 mm | 228 mm | 611 mm | 237 mm | 213 mm | 1,120.00 |
| 639 123  | HD-P 8000S  | manual    | 3.6 t          | 175 bar  | 247 mm | 311 mm | 708 mm | 237 mm | 213 mm | 1,080.00 |
| 639 133  | HD-P 8000S  | pneumatic | 3.6 t          | 175 bar  | 247 mm | 311 mm | 694 mm | 237 mm | 213 mm | 1,180.00 |
| 639 163  | HD-P 10000Y | manual    | 4.5 t          | 130 bar  | 165 mm | 228 mm | 650 mm | 237 mm | 213 mm | 1,280.00 |
| 639 173  | HD-P 10000Y | pneumatic | 4.5 t          | 130 bar  | 165 mm | 228 mm | 635 mm | 237 mm | 213 mm | 1,380.00 |
| 639 143  | HD-P 10000  | manual    | 4.5 t          | 130 bar  | 247 mm | 311 mm | 689 mm | 237 mm | 213 mm | 1,280.00 |
| 639 153  | HD-P 10000  | pneumatic | 4.5 t          | 130 bar  | 247 mm | 311 mm | 689 mm | 237 mm | 213 mm | 1,380.00 |



### Roller fairleads and rope tensioners for HD-P 8000/10000

Zinc-plated, greaseable, can be screwed directly onto winch.

| Code no. | Description     | Fits                                    | EUR    |
|----------|-----------------|---|--------|
| 642 243  | Roller fairlead | HD-P 8000Y/10000Y, HD-P 34,9Y           | 139.00 |
| 642 223  | Roller fairlead | HD-P 8000S/10000S, RPH 12000, HDP-34,9S | 139.00 |

| Code no. | Description    | Fits   | EUR   |
|----------|----------------|--|-------|
| 642 343  | Rope tensioner | Ramsey HD-P 8000Y/10000Y, HD-P 34,9Y                   | 59.00 |
| 642 443  | Rope tensioner | Ramsey HD-P 8000S/10000S + RPH 8000S-12000, HD-P 34,9S | 69.00 |

### Winch cable

- flexible, zinc-plated, steel core top quality winch ropes approved to EN 12385-4
- complete with compact, high-strength sling hook with latch and tapered, welded end
- regular maintenance with our rope grease (see page 293) increases the lifetime
- special lengths available on request

| Code no. | Description | Fits              | Length | Ø     | EUR   |
|----------|-------------|-------------------|--------|-------|-------|
| 710 205  | Winch cable | Yak7K, HD-P 8000Y | 20 m   | 10 mm | 61.00 |
| 710 305  | Winch cable | HD-P 8000S, Yak7L | 30 m   | 10 mm | 75.00 |
| 712 205  | Winch cable | HD-P 10000Y/S     | 20 m   | 12 mm | 84.00 |
| 712 255  | Winch cable | HD-P 10000Y/S     | 25 m   | 12 mm | 99.00 |



## Hydraulic winches Ramsey HD-P 34,9

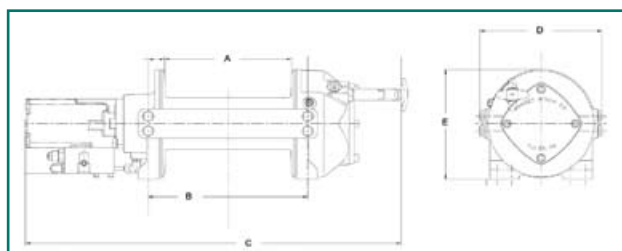
Hydraulic winch with a practically wear-free low-noise hydraulic brake. Reliability, low weight, a hydraulic motor with high torque and an extremely robust planetary gearing are just some the attributes that make this industrial winch ideal for professional use on recovery and tow trucks. Compliant with the European standard EN14492-1



**ACCORDING TO  
EN 14492-1**

**NEW**

Pictured: optional roller fairlead and rope tensioner



HD-P 34,9



| Code no. | Description | Disengage | Traction force | Pressure | A      | B      | C      | D      | E      | EUR      |
|----------|-------------|-----------|----------------|----------|--------|--------|--------|--------|--------|----------|
| 639 253  | HD-P 34,9Y  | manual    | 3,49 t         | 175 bar  | 165 mm | 228 mm | 626 mm | 237 mm | 213 mm | 1,190.00 |
| 639 263  | HD-P 34,9Y  | pneumatic | 3,49 t         | 175 bar  | 165 mm | 228 mm | 611 mm | 237 mm | 213 mm | 1,280.00 |
| 639 273  | HD-P 34,9S  | manual    | 3,49 t         | 175 bar  | 247 mm | 311 mm | 708 mm | 237 mm | 213 mm | 1,240.00 |
| 639 283  | HD-P 34,9S  | pneumatic | 3,49 t         | 175 bar  | 247 mm | 311 mm | 694 mm | 237 mm | 213 mm | 1,340.00 |

### Roller fairlead and rope tensioner for HD-P 34.9

Zinc-plated, greaseable, can be screwed directly onto winch.



| Code no. | Description     | Fits                                    | EUR    |
|----------|-----------------|---|--------|
| 642 243  | Roller fairlead | HD-P 8000Y/10000Y, HD-P 34,9Y           | 139.00 |
| 642 223  | Roller fairlead | HD-P 8000S/10000S, RPH 12000, HDP-34,9S | 139.00 |

| Code no. | Description    | Fits   | EUR   |
|----------|----------------|--|-------|
| 642 343  | Rope tensioner | Ramsey HD-P 8000Y/10000Y, HD-P 34,9Y                   | 59.00 |
| 642 443  | Rope tensioner | Ramsey HD-P 8000S/10000S + RPH 8000S-12000, HD-P 34,9S | 69.00 |

### Winch cable

- flexible, zinc-plated, steel core top quality winch ropes approved to EN 12385-4
- complete with compact, high-strength sling hook with latch and tapered, welded end
- regular maintenance with our rope grease (see page 293) increases the lifetime
- special lengths available on request

| Code no. | Description | Suitable for | Length | Ø     | minimum breaking load (EN 12385-4) | EUR   |
|----------|-------------|--------------|--------|-------|------------------------------------|-------|
| 710 205  | Winch cable | HD-P 34,9Y   | 20 m   | 10 mm | 7100 kg                            | 61.00 |
| 710 305  | Winch cable | HD-P 34,9S   | 30 m   | 10 mm | 7100 kg                            | 75.00 |







## Hydraulic winches RPH series 12000-25000

Industry winches with planetary gear for vehicle transporters, recovery and towing vehicles. Simple, robust construction and very high rope speed are only some of several advantages of these winches.



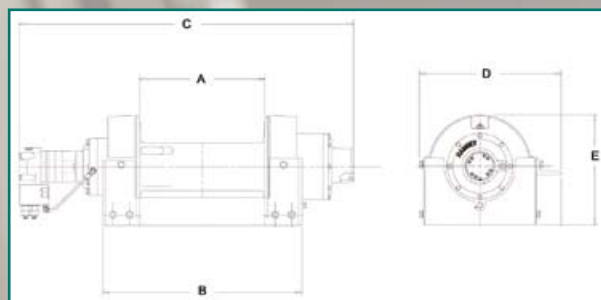
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RPH 12000



CE

RPH 25000



| Code no. | Description | Disengage | Traction force | Pressure | A      | B      | C       | D      | E      | EUR      |
|----------|-------------|-----------|----------------|----------|--------|--------|---------|--------|--------|----------|
| 639 303  | RPH 12000   | manual    | 5.4 t          | 180 bar  | 247 mm | 311 mm | 740 mm  | 256 mm | 231 mm | 1,580.00 |
| 639 313  | RPH 12000   | pneumatic | 5.4 t          | 180 bar  | 247 mm | 311 mm | 751 mm  | 256 mm | 231 mm | 1,680.00 |
| 639 353  | RPH 15000   | manual    | 6.8 t          | 165 bar  | 358 mm | 474 mm | 918 mm  | 321 mm | 289 mm | 2,350.00 |
| 639 363  | RPH 15000   | pneumatic | 6.8 t          | 165 bar  | 358 mm | 474 mm | 918 mm  | 320 mm | 289 mm | 2,450.00 |
| 639 403  | RPH 20000   | pneumatic | 9 t            | 165 bar  | 381 mm | 605 mm | 1018 mm | 432 mm | 333 mm | 4,600.00 |
| 639 453  | RPH 25000   | pneumatic | 11.3 t         | 165 bar  | 381 mm | 605 mm | 1018 mm | 432 mm | 333 mm | 4,999.00 |

| Code no. | Description              | Fits   | EUR    |
|----------|--------------------------|--|--------|
| 642 223  | Roller fairlead          | HD-P 8000S/10000S, RPH 12000, HDP-34,9S                | 139.00 |
| 639 393  | Roller fairlead          | RPH 15000  | 169.00 |
| 639 473  | Roller fairlead          | H-800 / RPH 20000/25000                                | 199.00 |
| 642 443  | Rope tensioner           | Ramsey HD-P 8000S/10000S + RPH 8000S-12000, HD-P 34,9S | 69.00  |
| 639 483  | Rope tensioner           | RPH 15000  | 159.00 |
| 639 433  | Pneumatic rope tensioner | RPH 20000/25000  | 419.00 |

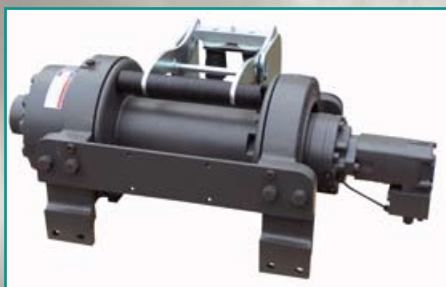


| Code no. | Description | Fits            | Length | Ø     | EUR    |
|----------|-------------|-----------------|--------|-------|--------|
| 712 255  | Winch cable | HD-P 10000Y/S   | 25 m   | 12 mm | 99.00  |
| 714 305  | Winch cable | RPH 15000       | 30 m   | 14 mm | 166.00 |
| 718 305  | Winch cable | RPH 20000       | 30 m   | 18 mm | 242.00 |
| 720 305  | Winch cable | RPH 25000/30000 | 30 m   | 20 mm | 318.00 |

## Hydraulic winches RPH series 30000-50000

Industry winches with planetary gear for recoveries which require strong power. Proven, robust construction and high rope speed are only some of several advantages of these winches.

Included: Pneumatic freewheel.

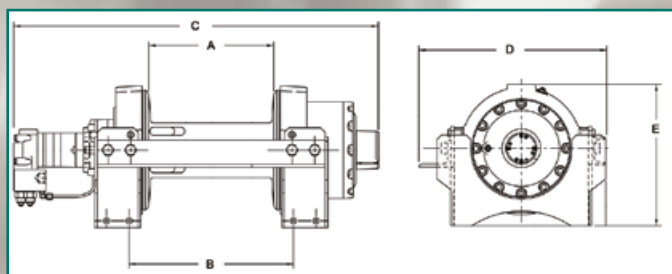


picture shows RPH 30000 with optional rope tensioner.



RPH 45000

CE



| Code no. | Description | Traction force | Pressure | A      | B      | C       | D      | E      | Weight | EUR      |
|----------|-------------|----------------|----------|--------|--------|---------|--------|--------|--------|----------|
| 639 493  | RPH 30000   | 13.6 t         | 207 bar  | 349 mm | 458 mm | 1019 mm | 522 mm | 512 mm | 220 kg | 5,900.00 |
| 639 553  | RPH 45000   | 20 t           | 193 bar  | 368 mm | 523 mm | 1086 mm | 528 mm | 512 mm | 313 kg | 7,999.00 |
| 639 583  | RPH 50000   | 22.6 t         | 207 bar  | 368 mm | 523 mm | 1092 mm | 528 mm | 512 mm | 362 kg | 8,600.00 |

## Pneumatic rope tensioners for RPH 30000-50000



| Code no. | Description              | Fits            | EUR    |
|----------|--------------------------|-----------------|--------|
| 639 513  | Pneumatic rope tensioner | RPH 30000/35000 | 629.00 |
| 639 563  | Pneumatic rope tensioner | RPH 45000/50000 | 539.00 |

| Code no. | Description | Fits            | Length | Ø     | EUR    |
|----------|-------------|-----------------|--------|-------|--------|
| 720 305  | Winch cable | RPH 25000/30000 | 30 m   | 20 mm | 318.00 |
| 722 405  | Winch cable | RPH 45000       | 40 m   | 22 mm | 442.00 |
| 724 405  | Winch cable | RPH 50000       | 40 m   | 24 mm | 545.00 |



## Winch ropes made of high-strength synthetic fibre

The latest generation of winch ropes: Thanks to the high-strength synthetic fibre Dyneema these ropes have a comparable resistance to steel cables but with a lot of obvious advantages:

- unbeatable flexibility, ideal for towing winches
- no risk of injury due to loose cable strands
- optimal winding on drum
- special surface finishing against abrasion and weather
- resistant to UV-light, acid, leach, fuel and oil
- eight times lighter
- no more laborious greasing necessary
- in safety colour fluorescent yellow
- delivery complete with high-strength sling hook with safety latch, immediately ready for use
- NEW: metal-reinforced hook loop, reduces rope wear on the eye

**HIGH-TECH  
WINCH ROPES**

**METAL-PROTECTED  
LOOP!**



metal thimble (ropes up to 14mm Ø)



**SUPER  
WINDABLE**



Also available in other diameters and lengths - please contact us, phone +49 7304/9695100



### Technical data:

Product features:

- material: high module polyethylene
- strength: 38g/den  
(4 times higher than normal polyester)
- elongation at rupture 3.80%
- melting point 140°C
- leach resistance: very good
- acid resistance: very good
- fuel/oil resistance: very good
- UV resistance: very good
- strength loss due to knots: 50%

| Code no.   | Description                        | Length | Ø     | Breaking load  | EUR    |
|------------|------------------------------------|--------|-------|----------------|--------|
| 708 156DYN | Synthetic winch rope high-strength | 15 m   | 8 mm  | up to 5000 kg  | 81.00  |
| 708 206DYN | Synthetic winch rope high-strength | 20 m   | 8 mm  | up to 5000 kg  | 99.00  |
| 708 256DYN | Synthetic winch rope high-strength | 25 m   | 8 mm  | up to 5000 kg  | 116.00 |
| 710 206DYN | Synthetic winch rope high-strength | 20 m   | 10 mm | up to 8500 kg  | 144.00 |
| 710 256DYN | Synthetic winch rope high-strength | 25 m   | 10 mm | up to 8500 kg  | 174.00 |
| 710 306DYN | Synthetic winch rope high-strength | 30 m   | 10 mm | up to 8500 kg  | 205.00 |
| 712 206DYN | Synthetic winch rope high-strength | 20 m   | 12 mm | up to 11500 kg | 215.00 |
| 712 256DYN | Synthetic winch rope high-strength | 25 m   | 12 mm | up to 11500 kg | 255.00 |
| 712 306DYN | Synthetic winch rope high-strength | 30 m   | 12 mm | up to 11500 kg | 295.00 |
| 714 206DYN | Synthetic winch rope high-strength | 20 m   | 14 mm | up to 14200 kg | 313.00 |
| 714 306DYN | Synthetic winch rope high-strength | 30 m   | 14 mm | up to 14200 kg | 415.00 |
| 716 206DYN | Synthetic winch rope high-strength | 20 m   | 16 mm | up to 17000 kg | 379.00 |
| 716 306DYN | Synthetic winch rope high-strength | 30 m   | 16 mm | up to 17000 kg | 499.00 |
| 718 306DYN | Synthetic winch rope high-strength | 30 m   | 18 mm | up to 22000 kg | 655.00 |
| 718 406DYN | Synthetic winch rope high-strength | 40 m   | 18 mm | up to 22000 kg | 825.00 |



## Synthetic winch rope with connecting links (no hooks)



**OPTIMAL WINDING  
ATTRIBUTES!**



553 165

**ACCESSORY  
RECOMMENDATION**



Sling hook with safety  
latch (code-no. 553 165,  
see page 206)

| Code no. | Description    | Length | Ø     | Breaking load  | EUR    |
|----------|----------------|--------|-------|----------------|--------|
| 610 256  | Synthetic rope | 25 m   | 10 mm | up to 8500 kg  | 159.00 |
| 612 256  | Synthetic rope | 25 m   | 12 mm | up to 11500 kg | 229.00 |

## Strong synthetic extension ropes

Two looped ends, the ideal extension for recovery service. Very supple, minimal space requirement in your tool box, simple handling and light. No more winding frustration: stored in seconds! Ready to hand in seconds!



**ACCESSORY  
RECOMMENDATION**



Anchor shackle high-  
strength (code-no.  
551 145, see page  
207)



Sling hook with safety latch  
(code-no. 553 165, see page 206)

| Code no. | Description              | Length | Ø     | Breaking load  | EUR    |
|----------|--------------------------|--------|-------|----------------|--------|
| 810 056  | Synthetic extension rope | 5 m    | 10 mm | up to 8500 kg  | 67.00  |
| 810 106  | Synthetic extension rope | 10 m   | 10 mm | up to 8500 kg  | 87.00  |
| 810 206  | Synthetic extension rope | 20 m   | 10 mm | up to 8500 kg  | 135.00 |
| 812 056  | Synthetic extension rope | 5 m    | 12 mm | up to 11500 kg | 83.00  |
| 812 106  | Synthetic extension rope | 10 m   | 12 mm | up to 11500 kg | 123.00 |
| 812 206  | Synthetic extension rope | 20 m   | 12 mm | up to 11500 kg | 199.00 |

## Steel winch cable zinc-plated

- flexible, zinc-plated, steel core top quality winch ropes approved to EN 12385-4
- complete with compact, high-strength sling hook with latch and tapered, welded end
- regular maintenance with our rope grease (see page 293) increases the lifetime
- special lengths available on request



**TOP SELLING WINCH CABLES**

code no. 751 805  
winch cable Ø 8 mm,  
22 m, EUR 39,90  
code no. 751 825

winch cable Ø 10 mm,  
24 m, EUR 54,90



| Code no. | Length | Ø     | minimum breaking load<br>(EN 12385-4) | EUR    |
|----------|--------|-------|---------------------------------------|--------|
| 706 205  | 20 m   | 6 mm  | 2550 kg                               | 40.00  |
| 707 205  | 20 m   | 7 mm  | 3480 kg                               | 42.00  |
| 707 255  | 25 m   | 7 mm  | 3480 kg                               | 51.00  |
| 708 205  | 20 m   | 8 mm  | 4550 kg                               | 45.50  |
| 751 805  | 22 m   | 8 mm  | 4110 kg                               | 39.90  |
| 708 255  | 25 m   | 8 mm  | 4550 kg                               | 56.00  |
| 708 305  | 30 m   | 8 mm  | 4550 kg                               | 66.00  |
| 709 205  | 20 m   | 9 mm  | 5750 kg                               | 56.00  |
| 709 255  | 25 m   | 9 mm  | 5750 kg                               | 62.00  |
| 709 305  | 30 m   | 9 mm  | 5750 kg                               | 68.00  |
| 710 205  | 20 m   | 10 mm | 7100 kg                               | 61.00  |
| 751 825  | 24 m   | 10 mm | 6430 kg                               | 54.90  |
| 710 255  | 25 m   | 10 mm | 7100 kg                               | 68.00  |
| 710 305  | 30 m   | 10 mm | 7100 kg                               | 75.00  |
| 711 205  | 20 m   | 11 mm | 8600 kg                               | 74.00  |
| 711 255  | 25 m   | 11 mm | 8600 kg                               | 87.00  |
| 711 305  | 30 m   | 11 mm | 8600 kg                               | 101.00 |

## Winch cable zinc-plated

- extremely flexible, zinc-plated, heavy load top quality winch ropes approved to EN 12385-4
- complete with compact, high-strength sling hook with latch and tapered, welded end
- steel core for the highest demands on strength
- regular maintenance with our rope grease (see page 293) increases the lifetime
- special lengths available on request

| Code no. | Length | Ø     | minimum breaking load<br>(EN 12385-4) | EUR    |
|----------|--------|-------|---------------------------------------|--------|
| 712 205  | 20 m   | 12 mm | 10000 kg                              | 84.00  |
| 712 255  | 25 m   | 12 mm | 10000 kg                              | 99.00  |
| 712 305  | 30 m   | 12 mm | 10000 kg                              | 124.00 |
| 714 205  | 20 m   | 14 mm | 13900 kg                              | 133.00 |
| 714 305  | 30 m   | 14 mm | 13900 kg                              | 166.00 |
| 716 205  | 20 m   | 16 mm | 18200 kg                              | 137.00 |
| 716 305  | 30 m   | 16 mm | 18200 kg                              | 174.00 |
| 718 205  | 20 m   | 18 mm | 23000 kg                              | 170.00 |
| 718 305  | 30 m   | 18 mm | 23000 kg                              | 242.00 |
| 718 405  | 40 m   | 18 mm | 23000 kg                              | 324.00 |
| 720 205  | 20 m   | 20 mm | 28400 kg                              | 225.00 |
| 720 305  | 30 m   | 20 mm | 28400 kg                              | 318.00 |
| 720 405  | 40 m   | 20 mm | 28400 kg                              | 379.00 |
| 722 205  | 20 m   | 22 mm | 34400 kg                              | 297.00 |
| 722 305  | 30 m   | 22 mm | 34400 kg                              | 389.00 |
| 722 405  | 40 m   | 22 mm | 34400 kg                              | 442.00 |
| 724 205  | 20 m   | 24 mm | 40900 kg                              | 349.00 |
| 724 305  | 30 m   | 24 mm | 40900 kg                              | 442.00 |
| 724 405  | 40 m   | 24 mm | 40900 kg                              | 545.00 |

## Steel winch cable DIN 3059 with swivelling hooks

- flexible, zinc-plated, steel core top quality winch ropes approved to EN 12385-4
- complete with swivel hook (avoids rope twisting) and tapered, welded end
- regular maintenance with our rope grease (see below) increases the lifetime
- special lengths available on request



| Code no.  | Length | Ø     | minimum breaking load<br>(EN 12385-4) | EUR    |
|-----------|--------|-------|---------------------------------------|--------|
| 708 205W5 | 20 m   | 8 mm  | 4550 kg                               | 61.00  |
| 708 255W5 | 25 m   | 8 mm  | 4550 kg                               | 69.00  |
| 708 305W5 | 30 m   | 8 mm  | 4550 kg                               | 77.00  |
| 710 205W5 | 20 m   | 10 mm | 7100 kg                               | 75.00  |
| 710 255W5 | 25 m   | 10 mm | 7100 kg                               | 83.00  |
| 710 305W5 | 30 m   | 10 mm | 7100 kg                               | 92.00  |
| 712 205W5 | 20 m   | 12 mm | 10000 kg                              | 98.00  |
| 712 305W5 | 30 m   | 12 mm | 10000 kg                              | 137.00 |

## Hook adapters

If the existent hook doesn't fit into the towing lug. Loading capacity 1250 kg, 4-fold safety factor.

Model A: With robust strap and high-strength sling hook with safety latch.

Model B: 100% high-strength steel, rust-protected.

Model C: Extra short construction, high-strength steel, rust-protected.



| Code no. | Description  | Version        | Type | Length | EUR   |
|----------|--------------|----------------|------|--------|-------|
| 553 095  | Hook adapter | with strap     | A    | 330 mm | 15.80 |
| 553 005  | Hook adapter | with steel eye | B    | 290 mm | 26.00 |
| 553 285  | Hook adapter | extra short    | C    | 170 mm | 28.00 |

## Special grease for cables and chains

A special grease for cables and chains from the American market leader Schaeffer Oil. Keeps your cable flexible (winds up on drum much smoother) and additionally protects against abrasion and corrosion. The spray is especially suitable for winch cables. First choice for many.



| Code no. | Description                               | Contents | EUR    |
|----------|---|----------|--------|
| 749 065  | Special grease for cables and chains      | 0.5 kg   | 14.50  |
| 749 075  | Special grease for cables and chains      | 1.0 kg   | 27.00  |
| 749 085  | Special cable and chain grease, spray-can | 0.4 kg   | 18.10  |
| 749 045  | Special grease for cables and chains      | 18 kg    | 284.00 |







## Cable extensions

When vehicles to recover are out of normal reach. One end with pressed loop, other end with strengthened eye and sling hook with safety latch.



| Code no. | Description     | Length | Ø     | minimum breaking load<br>(EN 12385-4) | EUR   |
|----------|-----------------|--------|-------|---------------------------------------|-------|
| 750 805  | Cable extension | 10 m   | 10 mm | up to 5800 kg                         | 41.00 |
| 750 815  | Cable extension | 20 m   | 10 mm | up to 5800 kg                         | 59.00 |
| 750 825  | Cable extension | 10 m   | 12 mm | up to 8400 kg                         | 49.00 |
| 750 835  | Cable extension | 20 m   | 12 mm | up to 8400 kg                         | 71.00 |
| 750 845  | Cable extension | 10 m   | 14 mm | up to 11400 kg                        | 61.00 |
| 750 865  | Cable extension | 20 m   | 14 mm | up to 11400 kg                        | 97.00 |

## USEFUL

## Cable brake

Cable stopper ideal for winch cables up to 12 mm and roller fairlead openings up to 40 mm height. Avoid damage to your winch by using the Flex-buffer stop.



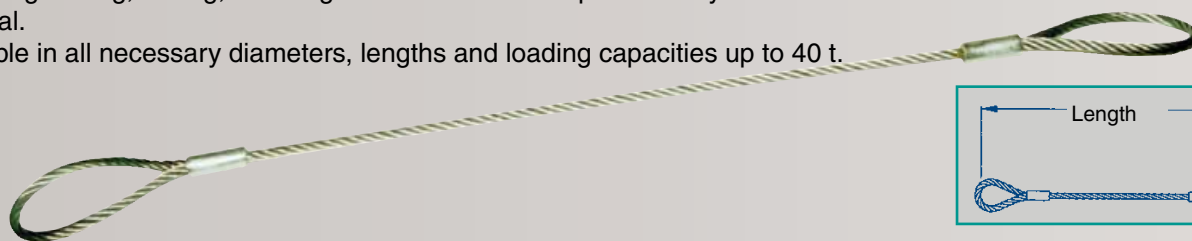
| Code no. | Description                              | Dimensions     | EUR   |
|----------|--|----------------|-------|
| 750 995  | Rope stopper for winch ropes up to 12 mm | H 47 x Ø 75 mm | 15.90 |

## Double-looped cables

Universal lifting and towing tool according to EN 13414T1, zinc-plated.

High loading capacity with low own weight, attractive price performance ratio. For lifting, wrapping, lengthening, towing, securing - for all work that requires handy dimensions and robust material.

Available in all necessary diameters, lengths and loading capacities up to 40 t.



| Code no. | Description  | Length | Ø     | Loop length | Load cap. simple | Load cap. U-form | EUR   |
|----------|--------------|--------|-------|-------------|------------------|------------------|-------|
| 752 004  | Looped cable | 0.5 m  | 8 mm  | 150 mm      | 700 kg           | 1400 kg          | 7.50  |
| 752 014  | Looped cable | 1.0 m  | 8 mm  | 150 mm      | 700 kg           | 1400 kg          | 8.00  |
| 752 024  | Looped cable | 2.0 m  | 8 mm  | 150 mm      | 700 kg           | 1400 kg          | 9.00  |
| 752 044  | Looped cable | 1.0 m  | 10 mm | 200 mm      | 1000 kg          | 2000 kg          | 9.50  |
| 752 054  | Looped cable | 2.0 m  | 10 mm | 200 mm      | 1000 kg          | 2000 kg          | 11.20 |
| 752 074  | Looped cable | 1.0 m  | 12 mm | 250 mm      | 1500 kg          | 3000 kg          | 11.90 |
| 752 084  | Looped cable | 2.0 m  | 12 mm | 250 mm      | 1500 kg          | 3000 kg          | 14.00 |
| 752 104  | Looped cable | 1.0 m  | 14 mm | 250 mm      | 2000 kg          | 4000 kg          | 14.00 |
| 752 114  | Looped cable | 2.0 m  | 14 mm | 250 mm      | 2000 kg          | 4000 kg          | 16.70 |

| Code no. | Description                  | EUR  |
|----------|------------------------------|------|
| 752 034  | Additional metre for Ø 8 mm  | 1.00 |
| 752 064  | Additional metre for Ø 10 mm | 1.70 |
| 752 094  | Additional metre for Ø 12 mm | 2.10 |
| 752 124  | Additional metre for Ø 14 mm | 2.70 |

## Roller fairleads

Roller fairleads in extremely robust construction, made of premium steel, zinc-plated. Excellent assembly options.

Type a) greaseable  
Type f) upper roll spring-loaded  
Type m) possibility to mount rope tensioner

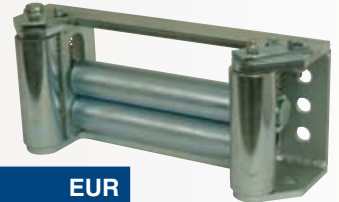


### Universal roller fairlead, greaseable

| Code no. | Suitable for | Type | Aperture    | Hole picture   | Drum length | EUR    |
|----------|--------------|------|-------------|----------------|-------------|--------|
| 650 003  | universal    | a    | 200 x 60 mm | 282 x 30/60 mm | 210 mm      | 102.00 |
| 650 103  | universal    | a    | 280 x 60 mm | 362 x 30/60 mm | 290 mm      | 109.00 |
| 650 343  | universal    | a    | 232 x 60 mm | 312 x 30/60 mm | 247 mm      | 139.00 |

### Universal roller fairlead, spring-loaded and greaseable

| Code no. | Suitable for | Type | Aperture         | Hole picture   | Drum length | EUR    |
|----------|--------------|------|------------------|----------------|-------------|--------|
| 650 203  | universal    | a,f  | 200 x max.25 mm  | 282 x 30/60 mm | 210 mm      | 118.00 |
| 650 303  | universal    | a,f  | 280 x max. 25 mm | 362 x 30/60 mm | 290 mm      | 128.00 |
| 650 323  | universal    | a,f  | 230x max.25 mm   | 321x30/60 mm   | 247 mm      | 147.00 |



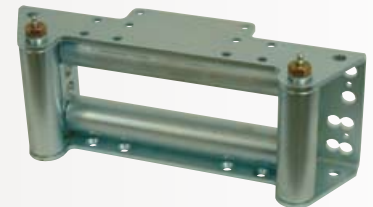
### Roller fairlead for Come Up 9000 and Ramsey REP 8000/Profile 8000

| Code no.  | Suitable for   | Aperture    | Hole picture | Drum length | EUR   |
|-----------|--|-------------|--------------|-------------|-------|
| 634 155RF | Come Up DV 9000/9000i<br>Ramsey REP 8000, Profile 8000 | 210 x 20 mm | 253 mm       | 229 mm      | 69.00 |



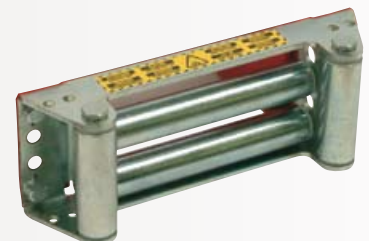
### Greaseable roller fairlead with possibility to attach rope tensioner

| Code no. | Suitable for  | Type | Aperture       | Hole picture | Drum length | EUR    |
|----------|---|------|----------------|--------------|-------------|--------|
| 642 223  | Ramsey HD-P8000S/10000S,<br>Ramsey RPH 8000S/12000,<br>RAP 3600/4600/5600 | a,m  | 232 x 15/40 mm | 312 x 30 mm  | 247 mm      | 139.00 |
| 642 243  | Ramsey HD-P 8000Y/10000Y  | a,m  | 150x15/50 mm   | 229 x 30 mm  | 165 mm      | 139.00 |



### Roller fairlead for VIME/SUPERWINCH

| Code no. | Suitable for   | Type | Aperture       | Hole picture    | Drum length    | EUR    |
|----------|--|------|----------------|-----------------|----------------|--------|
| 642 323  | RAP 3600C  | -    | 110x15/40 mm   | 220x30/60/90 mm | 120 mm         | 129.00 |
| 633 205  | VIME EPH 3600/4500   | m    | 192 x 25 mm    | 280 x 30 mm     | 200 mm         | 159.00 |
| 644 323  | Superwinch H8G/H8P; VIME EPH<br>3600L/4600L/5200; Brevini BWT<br>2500L/3600L/4600/6000K; ComeUp<br>HV8L/HV10/HV12/HV15 | a,m  | 242 x 15/40 mm | 315-367 mm      | 250-<br>255 mm | 159.00 |





760 205

760 305

760 405

### Steel cable snatch blocks

High-strength cable snatch blocks, extreme compact construction, with swivel hook. Side panel can be opened for cable insertion. Permanently lubricated pin support for smooth running and a long life.



| Code no. | Description  | Constr. length | Ø roll | Ø cable     | Load cap. | Weight  | EUR      |
|----------|--------------|----------------|--------|-------------|-----------|---------|----------|
| 760 205  | Snatch block | 26 cm          | 80 mm  | up to 10 mm | 2000 kg   | 1.95 kg | 144.00   |
| 760 305  | Snatch block | 36 cm          | 120 mm | up to 13 mm | 4000 kg   | 5 kg    | 244.00   |
| 760 405  | Snatch block | 48 cm          | 150 mm | up to 19 mm | 8000 kg   | 12 kg   | 599.00   |
| 760 505  | Snatch block | 60 cm          | 150 mm | up to 19 mm | 12000 kg  | 18 kg   | 699.00   |
| 760 655  | Snatch block | 65 cm          | 250 mm | up to 22 mm | 15000 kg  | 30 kg   | 949.00   |
| 760 706  | Snatch block | 64 cm          | 200 mm | up to 26 mm | 20000 kg  | 34 kg   | 1,250.00 |



760 571

760 591

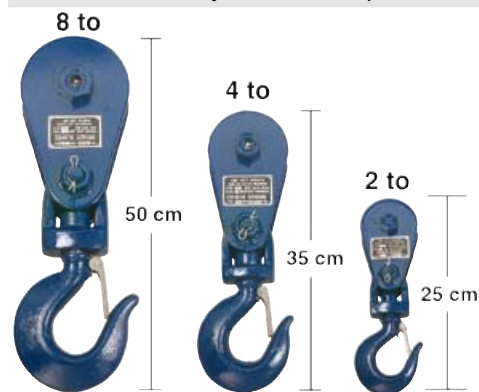
### Pulley with swivel hook

These pulleys can be opened (except 760 561) and are characterised by their compact construction. The pulley and its components are galvanic zinc-plated. Not suitable for use with synthetic ropes!



760 561

| Code no. | Description | Version      | Constr. length | Ø roll | Ø cable     | Load cap. | Weight | EUR   |
|----------|-------------|--------------|----------------|--------|-------------|-----------|--------|-------|
| 760 561  | Pulley      | non-openable | 24 cm          | 50 mm  | up to 10 mm | 2000 kg   | 1.3 kg | 45.00 |
| 760 571  | Pulley      | openable     | 24 cm          | 50 mm  | up to 10 mm | 2000 kg   | 1.4 kg | 55.00 |
| 760 591  | Pulley      | openable     | 36 cm          | 100 mm | up to 12 mm | 4000 kg   | 4.4 kg | 95.00 |



762 403

762 303

762 203

### Eco snatch blocks

High-strength snatch blocks to a very reasonable price. With swivel hook incl. latch, bronze bushing, slideable side plate.



| Code no. | Description      | Constr. length | Ø roll | Ø cable     | Load cap. | Weight  | EUR    |
|----------|------------------|----------------|--------|-------------|-----------|---------|--------|
| 762 203  | Eco snatch block | 25 cm          | 80 mm  | up to 10 mm | 2000 kg   | 2.7 kg  | 59.00  |
| 762 303  | Eco snatch block | 35 cm          | 100 mm | up to 12 mm | 4000 kg   | 5.9 kg  | 99.00  |
| 762 403  | Eco snatch block | 50 cm          | 150 mm | up to 19 mm | 8000 kg   | 12.6 kg | 169.00 |
| 762 503  | Eco snatch block | 58 cm          | 200 mm | up to 22 mm | 15000 kg  | 26.1 kg | 259.00 |

762 626

762 616

762 606

762 626

### Heavy duty pulleys

Especially light and compact due to high-strength aluminium sides. Pulley can be opened, bolt bearing is greasable.

| Code no. | Description | Version  | Constr. length | Ø roll | Ø cable     | Load cap.  | Weight | EUR      |
|----------|-------------|----------|----------------|--------|-------------|------------|--------|----------|
| 762 606  | Pulley      | openable | 33 cm          | 165 mm | up to 14 mm | up to 14 t | 9.5 kg | 570.00   |
| 762 616  | Pulley      | openable | 41.5 cm        | 211 mm | up to 18 mm | up to 22 t | 18 kg  | 910.00   |
| 762 626  | Pulley      | openable | 58 cm          | 303 mm | up to 26 mm | up to 50 t | 42 kg  | 1,840.00 |





### Vario pulley

To deflect winch ropes up to 10 mm. Suitable to create an additional deflection point for recovery of passenger cars.

This product is characterised by its easy handling, its quick readiness for action and a compact construction.

| Code no. | Description  | Constr. length | Ø roll | Load cap. | Weight | EUR   |
|----------|--------------|----------------|--------|-----------|--------|-------|
| 760 604  | Vario pulley | 20 cm          | 100 mm | 2000 kg   | 1.4 kg | 67.00 |



### Pulley

For a sideward recovery of passenger cars and vans. Zinc-plated and very robust construction, quickly ready and easy to use.

Roller with shaft can be removed, and secured against slipping-out!

Incl. screws for fastening.

Easy to insert but nevertheless 100% safe cable guide.



| Code no. | Description   | EUR   |
|----------|---|-------|
| 650 403  | Mountable pulley, with cable safeguard, for winches up to 3 t | 99.00 |

### Pulley with twist-lock base plate

Simplest handling, insertable as a bayonet fixing, no additional securing necessary. Extremely stable base plate for underfloor mounting without welding (only screwed). Not higher than flatbed floor. Available for steel or aluminium flatbeds.



| Code no. | Description   | EUR    |
|----------|---|--------|
| 650 503  | Pulley with twist-lock base plate for steel floor     | 189.00 |
| 650 533  | Pulley with twist-lock base plate for aluminium floor | 189.00 |
| 650 513  | Base plate for steel floor                            | 159.00 |
| 650 543  | Base plate for aluminium floor                        | 159.00 |

### Double-mount pulley

Double-mount pulley, applicable for vertical or horizontal pulleying. Hole diameter 30 mm. Securable with linch pin (included) or base plates 650 513 or 650 543.



650 593

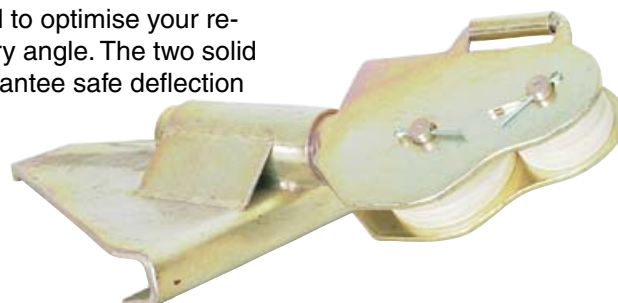


| Code no. | Description                        | Suitable for | EUR    |
|----------|------------------------------------|--------------|--------|
| 650 593  | Double-mount pulley                | 30 mm hole   | 79.00  |
| 650 583  | Double-mount pulley for base plate |              | 79.00  |
| 650 513  | Base plate for steel floor         |              | 159.00 |
| 650 543  | Base plate for aluminium floor     |              | 159.00 |



### Recovery appliance

For mounting on rear side of a flatbed to optimise your recovery opportunities. Variable recovery angle. The two solid rolls are made of polyamide and guarantee safe deflection during sidewise recoveries.



| Code no. | Description        | EUR    |
|----------|--------------------|--------|
| 901 406  | Recovery appliance | 335.00 |

## Aluminium sliding winch track

Weight-optimised sliding winch track allows the winch to slide to the side on which the towing eye of the damaged vehicle is located. Thereby, the winch rope can unwind more equally and smoothly. Spring bar for four locking positions. Serially equipped with one insert facility for a ball coupling adaptor and a motorcycle support (to order separately). Capacity up to 3 t.



Ball hitch insertable

Motorcycle holder insertable

| Code no. | Description                   | Width   | Depth  | EUR    |
|----------|-------------------------------|---------|--------|--------|
| 631 903  | Aluminium sliding winch track | 1780 mm | 290 mm | 399.00 |
| 631 911  | Screw mounting kit            |         |        | 28.90  |

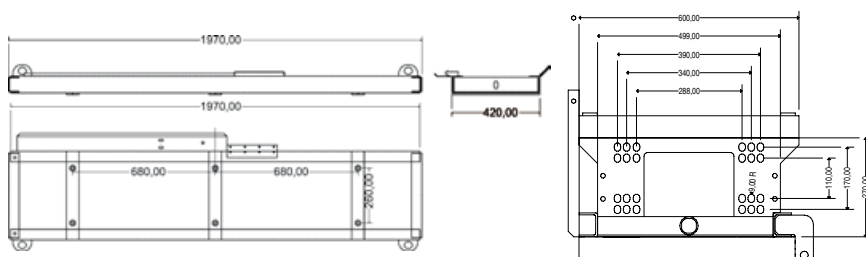
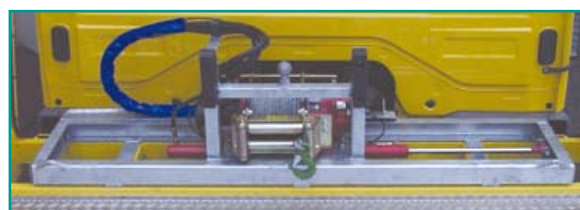
| Code no. | Description                  | EUR   |
|----------|------------------------------|-------|
| 631 963  | Ball hitch insertable        | 97.00 |
| 631 943  | Motorcycle holder insertable | 82.00 |

**ACCESSORY  
RECOMMENDATION**

## Steel sliding winch track

The hot-dip galvanised sliding winch allows an optimal use of the winch during loading or unloading of vehicles. Your winch rope can wind up constantly and smoothly and the loaded vehicle can be towed into the desired position. Maximum load 4.6 t.

The sliding winch is infinitely adjustable, the manual version offers three locking positions.



| Code no. | Description                               | Width   | Depth  | Movement | EUR    |
|----------|---|---------|--------|----------|--------|
| 632 005  | Hydraulic sliding winch track zinc-plated | 1970 mm | 420 mm | 800 mm   | 989.00 |
| 632 045  | Manual sliding winch track zinc-plated    | 1970 mm | 420 mm | 1250 mm  | 669.00 |



## Switching valve 6/2-way

To control a double function e.g. to change between a winch and a lateral winch sliding track. So, with one existing control valve you can control two different consumers in turns. The valve is available with manual or electro-hydraulic control.

| Code no. | Description             | Version          | Screw connection | EUR    |
|----------|-------------------------|------------------|------------------|--------|
| 638 102  | Switching valve 6/2 way | Manual control   | 3/8 "            | 133.00 |
| 638 152  | Switching valve 6/2 way | Electric 12V     | 3/8 "            | 173.00 |
| 638 202  | Switching valve 6/2 way | Electric 24 volt | 3/8 "            | 173.00 |

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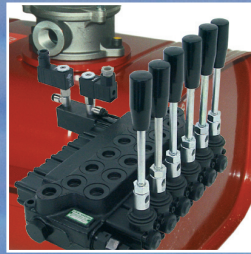
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