

# Interactive PDF

Navigate comfortably and efficiently through our product catalogue!

This is how it works:

You select by one click in our table of contents and you will be guided to it immediately.

To make your journey through our product range as easy as possible, each category window is linked at the edges of the page.

This means that you always have individual access to the different categories at any time.

In addition, the buttons that you can find in the headline give you immediate access to our table of [Content](#) or lead you to your previous page

You are interested in one of our articles would like to order it, need further information, data sheets or installation recommendations?

No problem! You simply click on the picture and you will be immediately redirected to our website and the corresponding article.

# CONSTRUCTION EQUIPMENT TRAFFIC SAFETY

• barricade • build • belay

**XIP**

**Web portal**

The Schake web portal offers you exclusive information that gives you practical added value. You have everything bundled on our website and can independently retrieve the information you need, such as on product data, stocks and availabilities, current orders or enquiries with us.

Visit our web portal at [www.schake.com](http://www.schake.com)



**Advantages of a customer account**

**Manage operations**

You have the option of ordering the items you need directly via the website or you can use the technical possibilities of the digital connections via EDI. You can also view the status of your orders, so you are always up to date on where your goods are.



**Exclusive media data**

The Schake web portal gives you the option of calling up and downloading data sheets, assembly instructions and other product information for the products you require. You can use this information to present our products on your marketing channels or use it to answer customer questions.



**Current stock levels**

The portal allows you to view the current stock levels of the products you need. In this way you can see which products are on stock and thus directly determine the delivery capability.





Traffic safety

Infrastructure building

Mobile fence

## Successful together

Our values determine the standard of our work. The joy of production we owe to our employees and business partners.

Looking back into history, we can see where we have come from and which milestones have been achieved. With an awareness for our environment, we take responsibility. We do all this at Schake together- for over 115 years and in the future.

Formwork

## Corporate Essentials



### Passionate and aware of tradition

Many Schake products are installed in Europe's cities and offer citizens safety in road traffic, on footpaths and cycle paths and at construction sites. The terms: stop, save, secure have been lived for decades and are firmly anchored in the further development of the products. In addition Schake produces segments for construction equipment and traffic safety which are of great importance in these industries.

Building support safety



### Innovation and flexibility

We deal with new ideas openly and constructively. We learn from and with each other and share our knowledge globally. This enables us to develop new products and services. The Schake brand with „Made in Germany“ also proves its worth for individual solutions for special circumstances.

Storage - transport



### Quality and sustainability

The product ranges stand for quality. The pursuit of environmentally friendly and socially acceptable solutions is part of the programme. The progressive development of new products is based on reliable employees who share joy in the team and are interested in shaping the company. Concretely defined goals and projects make us a future-oriented company.

Building site installation

Barrier free construction site

Traffic safety



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Infrastructure building



**Traffic safety**

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Mobile fence



**Infrastructure building**

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Formwork

Building support safety



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Storage - transport

Building site installation



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Barrier free construction site

**i** Freight category: A-D

The QR code can be used to see the transport costs in the various freight categories. In case of ordering several items, the highest categorized article has to be considered.





## **i** Interactive catalogues:

Quick access to the digital catalogue enables a fast search for the desired items. Simply scan the QR code in the catalogue or visit [www.schake.com](http://www.schake.com)!

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Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

# BASt TRAFFIC PANEL SYSTEM POWERNOX

## 1 Signal light for traffic panels PowerNox

with LED technology, for mounting on safety traffic panels and barrier fences, for one-side or double-side safety of multi-lane roads and motorways, with integrated battery box and dusk-to-dawn function, color: red, **BASt tested**

## 2 BASt turn traffic panel

for universal protection on highways and other streets, continuous support tube for high stability and protected film area for long life, socket for base plate part-no. 31NOX and lamp part-no. 33NOX, socket  $\varnothing$  43 mm color: white, film RA2/B

## 3 BASt base plate according to K1 30 kg type NOX

dimensions:  
width: 400 mm  
length: 850 mm  
height: 120 mm

with pockets:  
1 x 60 x 60 mm incl. adapter  
4 x 40 x 40 mm (2 x  $\varnothing$  42 mm combined)  
1 x  $\varnothing$  48 mm



KL BASt 100



## BASt System SET

consisting of:

- 1 x signal light for traffic panels (part-no. 33NOXG2)
- 1 x traffic panel
- 1 x BASt base plate according to K1 (part-no. 31NOX)



Film RA1/A, hatched	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36NOX-G2-G	36.5 <sup>A</sup>	1	120.60
<b>Film RA2/B, hatched</b>				
on both sides indicating right / left	36NOX2-G2-G	36.5 <sup>A</sup>	1	129.10
<b>Film RA2/B, arrowed</b>				
on both sides indicating right / left	36NOXP2-G2-G	36.5 <sup>A</sup>	1	129.10
one one side indicating right or left	36NOXP2E-G2-G	36.5 <sup>A</sup>	1	119.60

## Signal light for traffic panels PowerNox

with LED technology, for mounting on safety traffic panels and barrier fences, for one-side or double-side safety of multi-lane roads and motorways, with integrated battery box and dusk-to-dawn function, color: red, **BASt tested**



	Part-No.	Kg	Unit	Euro
light exits on one side, yellow	33NOXG1	1.0 <sup>A</sup>	10	32.10
light exits on both sides, yellow	33NOXG2	1.0 <sup>A</sup>	10	32.10
light exits on one side, red	33NOXR1	1.0 <sup>A</sup>	10	32.10
light exits on both sides, red	33NOXR2	1.0 <sup>A</sup>	10	32.10

## Spare key

for building site warning light

with hex-wrench and double-plug, incl. pin for turning on and off



	Part-No.	Kg	Unit	Euro
plastic	31211S	0.1 <sup>A</sup>	10	1.90

## BASt base plate according to K1 30 Kg Type NOX

with pockets for BASt approved traffic panels

made of high-value recycling material



size:	with pockets
width: 400 mm	1x 60 x 60 mm incl. adapter
length: 850 mm	4x 40 x 40 mm (2 x Ø 42 mm combined)
height: 120 mm	1x Ø 48 mm

	Part-No.	Kg	Unit	Euro
recycled plastic material	31NOX	30.0 <sup>S</sup>	30	32.50



Please ask for individual colors and logo-options



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



36NOXR  
indicating right

36NOXL  
indicating left



Please ask for different colors or other indication



36NOXP  
on both sides indicating right/left



### BAST turn traffic panel

for universal protection on highways and other streets, continuous support tube for high stability and protected film area for long life, socket for base plate part-no. 31NOX and lamp part-no. 33NOX, socket Ø 43 mm color: white

#### Film RA1/A, hatched

	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36NOX	4.7 <sup>A</sup>	60	56.00
on one side indicating left	36NOXL	4.7 <sup>A</sup>	60	50.30
on one side indicating right	36NOXR	4.7 <sup>A</sup>	60	50.30
on both sides indicating left	36NOXLL	4.7 <sup>A</sup>	60	56.00
on both sides indicating right	36NOXRR	4.7 <sup>A</sup>	60	56.00

#### Film RA2/B, hatched

on both sides indicating right / left	36NOX2	4.7 <sup>A</sup>	60	64.50
on one side indicating left	36NOX2L	4.7 <sup>A</sup>	60	55.00
on one side indicating right	36NOX2R	4.7 <sup>A</sup>	60	55.00
on both sides indicating left	36NOX2LL	4.7 <sup>A</sup>	60	64.50
on both sides indicating right	36NOX2RR	4.7 <sup>A</sup>	60	64.50

#### Film RA2/C, hatched

on both sides indicating right / left	36NOX3	4.7 <sup>A</sup>	60	69.50
on one side indicating left	36NOX3L	4.7 <sup>A</sup>	60	63.80
on one side indicating right	36NOX3R	4.7 <sup>A</sup>	60	63.80
on both sides indicating left	36NOX3LL	4.7 <sup>A</sup>	60	69.50
on both sides indicating right	36NOX3RR	4.7 <sup>A</sup>	60	69.50

#### Film RA1/A, arrowed

on both sides indicating right / left	36NOXP	4.7 <sup>A</sup>	60	56.00
on one side indicating right / left	36NOXPE	4.7 <sup>A</sup>	60	50.30

#### Film RA2/B, arrowed

on both sides indicating right / left	36NOXP2	4.7 <sup>A</sup>	60	64.50
on one side indicating right / left	36NOXP2E	4.7 <sup>A</sup>	60	55.00

#### Film RA2/C, arrowed

on both sides indicating right / left	36NOXP3	4.7 <sup>A</sup>	60	69.50
on one side indicating right / left	36NOXP3E	4.7 <sup>A</sup>	60	63.80

### Storage and transport pallet

for BAST reversible traffic panels to hold 30 traffic panels, traffic panels are positioned upright in a contour cut-out for each traffic panel for good overview and quick removal and loading, tulip feet for safe stacking, suitable for forklift and crane operation

	Part-No.	Kg	Unit	Euro
galvanized	36NOX-5	58.0 <sup>B</sup>	1	302.00



Also available online as a pre-packed set



36055R  
indicating right

36055L  
indicating left

**i** Customize your traffic panels !

sticker on traffic panel film	2.50 € / pc.
customized film	on request
embossed logo in the traffic panel body	1 x 450.00 €
special color traffic panel body	on request



36055PR  
indicating right

36055PL  
indicating left

**i** Also available as BAST tested traffic panel



36055B  
on both sides

**Plastic traffic panel type 60**

for universal protection of building sites, film area protected by outer edge, socket 60 mm x 60 mm, top socket Ø 42 mm for lamp mounting

**Film RA1/A, hatched**

	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055	2.9 <sup>A</sup>	60	34.00
on one side indicating left	36055L	2.9 <sup>A</sup>	60	27.70
on one side indicating right	36055R	2.9 <sup>A</sup>	60	27.70
on both sides indicating left	36055LL	2.9 <sup>A</sup>	60	34.00
on both sides indicating right	36055RR	2.9 <sup>A</sup>	60	34.00

**Film RA2/B, hatched**

on both sides indicating right / left	360552	2.9 <sup>A</sup>	60	42.90
on one side indicating left	360552L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	360552R	2.9 <sup>A</sup>	60	33.00
on both sides indicating left	360552LL	2.9 <sup>A</sup>	60	42.90
on both sides indicating right	360552RR	2.9 <sup>A</sup>	60	42.90

**Film RA2/C, hatched**

on both sides indicating right / left	360553	2.9 <sup>A</sup>	60	47.40
on one side indicating left	360553L	2.9 <sup>A</sup>	60	35.20
on one side indicating right	360553R	2.9 <sup>A</sup>	60	35.20
on both sides indicating left	360553LL	2.9 <sup>A</sup>	60	47.40
on both sides indicating right	360553RR	2.9 <sup>A</sup>	60	47.40

**Film RA1/A, arrowed**

on both sides indicating right / left	36055P	2.9 <sup>A</sup>	60	34.00
on one side indicating left	36055PL	2.9 <sup>A</sup>	60	27.70
on one side indicating right	36055PR	2.9 <sup>A</sup>	60	27.70
on both sides indicating left	36055PLL	2.9 <sup>A</sup>	60	34.00
on both sides indicating right	36055PRR	2.9 <sup>A</sup>	60	34.00

**Film RA2/B, arrowed**

on both sides indicating right / left	36055P2	2.9 <sup>A</sup>	60	42.90
on one side indicating left	36055P2L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	36055P2R	2.9 <sup>A</sup>	60	33.00
on both sides indicating left	36055P2LL	2.9 <sup>A</sup>	60	42.90
on both sides indicating right	36055P2RR	2.9 <sup>A</sup>	60	42.90

**Film RA2/C, arrowed**

on both sides indicating right / left	36055P3	2.9 <sup>A</sup>	60	47.40
on one side indicating left	36055P3L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	36055P3R	2.9 <sup>A</sup>	60	33.00
on both sides indicating left	36055P3LL	2.9 <sup>A</sup>	60	47.40
on both sides indicating right	36055P3RR	2.9 <sup>A</sup>	60	47.40

**Plastic traffic panel type 60**

covered with foil, red and white, blocked 200mm double sided, protected film area, top socket: Ø 42m, lower socket: 60 x 60 mm

**Film RA1/A, block**

on both sides	36055B	2.9 <sup>A</sup>	60	34.50
on one side	36055BE	2.9 <sup>A</sup>	60	28.20

**Film RA2/B, block**

on both sides	36055B2	2.9 <sup>A</sup>	60	43.40
on one side	36055B2E	2.9 <sup>A</sup>	60	33.50

**Film RA2/C, block**

on both sides	36055B3	2.9 <sup>A</sup>	60	47.90
on one side	36055B3E	2.9 <sup>A</sup>	60	35.80



36055WR  
indicating right

36055WL  
indicating left

**i** Please ask for different colors or other indication

**Plastic traffic panel type 60W**

for universal protection of building sites, film area protected by outer edge, socket 60 x 60 mm on both sides

**suitable as turn traffic panel**

Film RA1/A, hatched	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055W	2.9 <sup>A</sup>	60	34.00
on one side indicating right	36055WR	2.9 <sup>A</sup>	60	27.70
on one side indicating left	36055WL	2.9 <sup>A</sup>	60	27.70

Film RA2/B, hatched	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055W2	2.9 <sup>A</sup>	60	42.90
on one side indicating left	36055W2L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	36055W2R	2.9 <sup>A</sup>	60	33.00

Film RA2/C, hatched	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055W3	2.9 <sup>A</sup>	60	47.40
on one side indicating left	36055W3L	2.9 <sup>A</sup>	60	35.20
on one side indicating right	36055W3R	2.9 <sup>A</sup>	60	35.20

Film RA1/A, arrowed	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055WP	2.9 <sup>A</sup>	60	34.00
on one side indicating right / left	36055WPE	2.9 <sup>A</sup>	60	27.70

Film RA2/B, arrowed	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055W2P	2.9 <sup>A</sup>	60	42.90
on one side indicating right / left	36055W2PE	2.9 <sup>A</sup>	60	33.00

Film RA2/C, arrowed	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36055W3P	2.9 <sup>A</sup>	60	47.40
on one side indicating right / left	36055W3PE	2.9 <sup>A</sup>	60	35.20



36057A  
indicating right

36057A  
indicating left

**Plastic traffic panel type 40A**

for universal protection of building sites, film area protected by outer edge, continuous aluminium tube 40 x 40 mm

**Film hatched, on both sides indicating right / left**

Film	Part-No.	Kg	Unit	Euro
Film RA1/A, red / white	36057A	3.6 <sup>A</sup>	60	41.00
Film RA2/B, red / white	360572A	3.6 <sup>A</sup>	60	50.30
Film RA1/A, yellow / red	36057SKA	3.6 <sup>A</sup>	60	41.00
Film RA2/B, yellow / red	360572SKA	3.6 <sup>A</sup>	60	50.30

**Film arrowed, on both sides indicating right / left**

Film	Part-No.	Kg	Unit	Euro
Film RA1/A, red / white	36057PA	3.6 <sup>A</sup>	60	41.00
Film RA2/B, red / white	36057P2A	3.6 <sup>A</sup>	60	50.30
Film RA1/A, yellow / red	36057PSKA	3.6 <sup>A</sup>	60	41.00
Film RA2/B, yellow / red	36057P2SKA	3.6 <sup>A</sup>	60	50.30



36045R  
indicating right

36045L  
indicating left



36045PR  
indicating right

36045PL  
indicating left



**Plastic traffic panel type 40**

for universal protection of building sites, film area protected by outer edge, socket 40 x 40 mm, top socket Ø 42 mm for lamp mounting

**Film RA1/A, hatched**

	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36045	2.9 <sup>A</sup>	60	34.00
on one side indicating left	36045L	2.9 <sup>A</sup>	60	27.70
on one side indicating right	36045R	2.9 <sup>A</sup>	60	27.70
on both sides indicating left	36045LL	2.9 <sup>A</sup>	60	34.00
on both sides indicating right	36045RR	2.9 <sup>A</sup>	60	34.00

**Film RA2/B, hatched**

on both sides indicating right / left	360452	2.9 <sup>A</sup>	60	42.90
on one side indicating left	360452L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	360452R	2.9 <sup>A</sup>	60	33.00
on both sides indicating left	360452LL	2.9 <sup>A</sup>	60	42.90
on both sides indicating right	360452RR	2.9 <sup>A</sup>	60	42.90

**Film RA2/C, hatched**

on both sides indicating right / left	360453	2.9 <sup>A</sup>	60	47.40
on one side indicating left	360453L	2.9 <sup>A</sup>	60	35.20
on one side indicating right	360453R	2.9 <sup>A</sup>	60	35.20
on both sides indicating left	360453LL	2.9 <sup>A</sup>	60	47.40
on both sides indicating right	360453RR	2.9 <sup>A</sup>	60	47.40

**Film RA1/A, arrowed**

on both sides indicating right / left	36045P	2.9 <sup>A</sup>	60	34.00
on one side indicating left	36045PL	2.9 <sup>A</sup>	60	27.70
on one side indicating right	36045PR	2.9 <sup>A</sup>	60	27.70
on both sides indicating left	36045PLL	2.9 <sup>A</sup>	60	34.00
on both sides indicating right	36045PRR	2.9 <sup>A</sup>	60	34.00

**Film RA2/B, arrowed**

on both sides indicating right / left	36045P2	2.9 <sup>A</sup>	60	42.90
on one side indicating left	36045P2L	2.9 <sup>A</sup>	60	33.00
on one side indicating right	36045P2R	2.9 <sup>A</sup>	60	33.00
on both sides indicating left	36045P2LL	2.9 <sup>A</sup>	60	42.90
on both sides indicating right	36045P2RR	2.9 <sup>A</sup>	60	42.90

**Film RA2/C, arrowed**

on both sides indicating right / left	36045P3	2.9 <sup>A</sup>	60	47.40
on one side indicating left	36045P3L	2.9 <sup>A</sup>	60	35.20
on one side indicating right	36045P3R	2.9 <sup>A</sup>	60	35.20
on both sides indicating left	36045P3LL	2.9 <sup>A</sup>	60	47.40
on both sides indicating right	36045P3RR	2.9 <sup>A</sup>	60	47.40

**Storage and transport rack**

easy-to-install frame for 80 safety traffic panels, for space-saving transport, the frame can be taken apart into compact units, including fastening material

	Part-No.	Kg	Unit	Euro
galvanized	36060	58.0 <sup>B</sup>	1	298.00

**i** Also available online as a pre-packed set

Traffic safety

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Storage - transport

Building site installation

Barrier free construction site



**Traffic panel SET 1**

set of traffic panels with stacking pallet for base plates and box for traffic panels consisting of:

- 1 x stacking pallet galvanized (part-no. 50381V-115-0)
- 30 x base plates type NOX (part-no. 31NOX)
- 2 x box for traffic panel galvanized (part-no. 50380V-36)
- 32 x traffic panel

**Set variant with traffic panel, film type RA1/A, double-sided hatched**

	Part-No.	Kg	Unit	Euro
plastic traffic panel type 60	36055-SET1	1000.0	c 1	2580.00
BASt turn traffic panel	36NOX-SET1	1100.0	c 1	3260.00

**Set variant with traffic panel, film type RA2/B, double-sided hatched**

plastic traffic panel type 60	360552-SET1	1000.0	c 1	2850.00
BASt turn traffic panel	36NOX2-SET1	1100.0	c 1	3520.00

**Set variant with traffic panel, film type RA1/A, one-sided arrowed**

plastic traffic panel type 60, indicating left	36055PL-SET1	1000.0	c 1	2380.00
plastic traffic panel type 60, indicating right	36055PR-SET1	1000.0	c 1	2380.00
BASt turn traffic panel	36NOXPE-SET1	1100.0	c 1	3080.00

**Set variant with traffic panel, film type RA2/B, one-sided arrowed**

plastic traffic panel type 60, indicating left	36055P2L-SET1	1000.0	c 1	2550.00
plastic traffic panel type 60, indicating right	36055P2R-SET1	1000.0	c 1	2550.00
BASt turn traffic panel	36NOXP2E-SET1	1100.0	c 1	3230.00

**Stacking pallet**

standpipes and crossbars made from 50 x 50 mm square tube with welded nut in the lower middle square tube, the 3 threaded rods supplied lock the base plates securely onto the pallet for transport



**for 21 base plates**

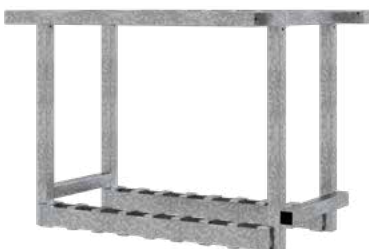
	Part-No.	Kg	Unit	Euro
dimensions: 1.40 m x 0.73 m x 1.06 m				
painted	50381-0	38.9	B 1	215.00
galvanized	50381V-0	38.9	B 1	229.00

**for 30 base plates**

dimensions: 1.40 m x 0.73 m x 1.31 m				
painted	50381-115-0	42.2	B 1	235.00
galvanized	50381V-115-0	42.2	B 1	249.00

**Traffic panel basket for stackable pallets of the series 50380**

by hanging in the basket onto the pallet (without tools)  
base plates and traffic panels can be transported and stored simultaneously. One traffic panel basket can fit a maximum of 16 traffic panels of all common types. The baskets have to be hung onto both sides of the panel to manage the maximum of traffic panel and base plate combinations on the building site and in the warehouse with the smallest amount of effort



	Part-No.	Kg	Unit	Euro
galvanized	50380V-36	19.5	A 1	172.00



## Traffic panel SET 2

set of traffic panels with storage and transport pallet and adaptation for traffic panels consisting of:

- 1 x storage and transport pallet for base plates (part-no. 3B214)
- 30 x base plate type NOX (part-no. 31NOX)
- 1 x storage and transport pallet for base plates (part-no. 3B214-2)
- 1 x adaptation for traffic panels galvanized (part-no. 3B214-36)
- 36 x traffic panel

### Set variant with traffic panel, film type RA1/A, double-sided hatched

	Part-No.	Kg	Unit	Euro
plastic traffic panel type 60	36055-SET2	1278.0 B	1	3300.00
BASst turn traffic panel	36NOX-SET2	1207.0 B	1	4070.00

### Set variant with traffic panel, film type RA2/B, double-sided hatched

plastic traffic panel type 60	360552-SET2	1278.0 B	1	3610.00
BASst turn traffic panel	36NOX2-SET2	1207.0 B	1	4370.00

### Set variant with traffic panel, film type RA1/A, one-sided arrowed

plastic traffic panel type 60, indicating left	36055PL-SET2	1278.0 B	1	3080.00
plastic traffic panel type 60, indicating right	36055PR-SET2	1278.0 B	1	3080.00
BASst turn traffic panel	36NOXPE-SET2	1207.0 B	1	3870.00

### Set variant with traffic panel, film type RA2/B, one-sided arrowed

plastic traffic panel type 60, indicating left	36055P2L-SET2	1278.0 B	1	3270.00
plastic traffic panel type 60, indicating right	36055P2R-SET2	1278.0 B	1	3270.00
BASst turn traffic panel	36NOXP2E-SET2	1207.0 B	1	4040.00

## Adaptation for traffic panels

to take a maximum of 36 traffic panels of all common types, steel construction made of firm square tubes, securing of the panels by putting in cross tubes, adaptation screwable onto base part-no. 3B214 + 3B214-2

	Part-No.	Kg	Unit	Euro
galvanized	3B214-36	52.0 B	1	270.00

## Storage and transport pallet for traffic panels

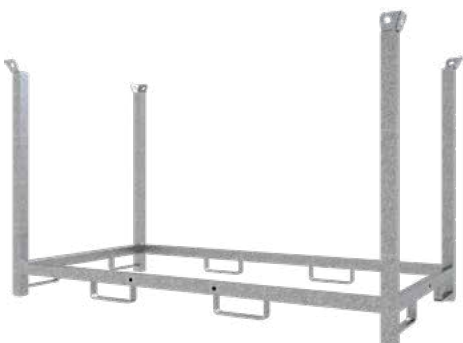
vertical tubes made of 60 x 60 mm, cross tubes welded, can be moved by crane or forklift on 2 sides, frame can be combined with storage and base plate pallet part-no. 3B214-36  
inner dimensions: 2.10 m x 1.00 m x 1.10 m

	Part-No.	Kg	Unit	Euro
galvanized	3B214-2	49.2 B	1	340.00

## Storage and transport tie-bars for base plates

suitable for holding max. 30 K1 base plates of any common producer in combination with storage and transport pallet for panel fences, stackable (part-no. 32000, page 25)

	Part-No.	Kg	Unit	Euro
galvanized	3B214	85.0 B	1	595.00



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Traffic panel SET 3**

consisting of:

- 1 x storage and transport pallet (part-no. 3NOX-5V)
- 10 x TL-base plate acc. to K1 (part-no. 31NOX)
- 10 x signal light for traffic panel red (part-no. 33NOXG2)
- 10 x traffic panel
- 2 x lashing strap (part-no. 50252-4)

**Set variant with traffic panel, film type RA1/A, double-sided hatched**

	Part-No.	Kg	Unit	Euro
plastic traffic panel type 60	36055-G2-SET3	425.0	B 1	1300.00
BASt turn traffic panel	36NOX-G2-SET3	425.0	B 1	1510.00

**Set variant with traffic panel, film type RA2/B, double-sided hatched**

plastic traffic panel type 60	360552-G2-SET3	425.0	B 1	1380.00
BASt turn traffic panel	36NOX2-G2-SET3	425.0	B 1	1590.00

**Set variant with traffic panel, film type RA1/A, one-sided arrowed**

plastic traffic panel type 60, indicating left	36055PL-G2-SET3	425.0	B 1	1235.00
plastic traffic panel type 60, indicating right	36055PR-G2-SET3	425.0	B 1	1235.00
BASt turn traffic panel	36NOXPE-G2-SET3	425.0	B 1	1460.00

**Set variant with traffic panel, film type RA2/B, one-sided arrowed**

plastic traffic panel type 60, indicating left	36055P2L-G2-SET3	425.0	B 1	1290.00
plastic traffic panel type 60, indicating right	36055P2R-G2-SET3	425.0	B 1	1290.00
BASt turn traffic panel	36NOXP2E-G2-SET3	425.0	B 1	1500.00



**Storage and transport pallet for traffic panel set**

for base plates, traffic panel lights and traffic panels, storage capacity: 10 pieces, suitable for stacking as well as for crane operation, pieces, suitable for forklift traffic as well as for crane operation, dimensions: 1378 x 1000 x 960 mm

	Part-No.	Kg	Unit	Euro
galvanized	3NOX-5V	61.5	B 1	345.00





## SCHAKE Workshop - safe building through knowledge -

Good products can only provide their full benefit and added value in practical use on the construction site or in traffic if they are also used properly. The best product is of no use if its user cannot use it correctly. This is where SCHAKE Workshop comes in and provides the necessary knowledge about the application of traffic safety and construction equipment, which is needed to use our products optimally, safely and in compliance with the law.

Already online at [www.schake-workshop.com](http://www.schake-workshop.com), we provide the basics of basic knowledge in order to be able to work safely and efficiently on the construction site. With seminars, technical literature and also our e-learning tool, we offer a variety of channels and media for teaching specialized topics, such as road safety on construction sites in accordance with MVAS99 (RSA training).

Especially when rules and regulations change and new findings are incorporated into, it is particularly important to update one's knowledge and to keep up to date. Schake Workshop is happy to assist as a construction site knowledge partner for lifelong learning.

**We make you fit and issue you with the necessary certificates so that we know we are safe.**

### Extract from the seminar program:

Training offers 1 day  
Training offers 2 days

Also bookable online

- Training materials for practical application
- Trainings and certificates in individual design, (private label).

**Certification according to MVAS 99**



[www.schake-workshop.com](http://www.schake-workshop.com)





## Folding panel

for universal and quick securing of construction sites, film area protected by outer edge, extremely robust folding mechanism with two joints, panel double-walled, thus particularly stable, ergonomic carrying handles on panel and base plate, base plate with anti-slip system, therefore no slipping on the construction site, folds up intact after a crash and thus minimizes the safety risk enormously, socket  $\varnothing$  42 mm

### Film RA1/A, hatched

	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36080	8.9 <sup>A</sup>	30	94.10
on one side indicating left	36080L	8.9 <sup>A</sup>	30	89.60
on one side indicating right	36080R	8.9 <sup>A</sup>	30	89.60
on both sides indicating left	36080LL	8.9 <sup>A</sup>	30	94.10
on both sides indicating right	36080RR	8.9 <sup>A</sup>	30	94.10

### Film RA2/B, hatched

on both sides indicating right / left	360802	8.9 <sup>A</sup>	30	100.00
on one side indicating left	360802L	8.9 <sup>A</sup>	30	93.40
on one side indicating right	360802R	8.9 <sup>A</sup>	30	93.40
on both sides indicating left	360802LL	8.9 <sup>A</sup>	30	100.00
on both sides indicating right	360802RR	8.9 <sup>A</sup>	30	100.00

### Film RA2/C, hatched

on both sides indicating right / left	360803	8.9 <sup>A</sup>	30	104.00
on one side indicating left	360803L	8.9 <sup>A</sup>	30	96.60
on one side indicating right	360803R	8.9 <sup>A</sup>	30	96.60
on both sides indicating left	360803LL	8.9 <sup>A</sup>	30	104.00
on both sides indicating right	360803RR	8.9 <sup>A</sup>	30	104.00

### Film RA1/A, arrowed

on both sides indicating right / left	36080P	8.9 <sup>A</sup>	30	94.10
on one side indicating left	36080PL	8.9 <sup>A</sup>	30	89.60
on one side indicating right	36080PR	8.9 <sup>A</sup>	30	89.60
on both sides indicating left	36080PLL	8.9 <sup>A</sup>	30	94.10
on both sides indicating right	36080PRR	8.9 <sup>A</sup>	30	94.10

### Film RA2/B, arrowed

on both sides indicating right / left	36080P2	8.9 <sup>A</sup>	30	100.00
on one side indicating left	36080P2L	8.9 <sup>A</sup>	30	93.40
on one side indicating right	36080P2R	8.9 <sup>A</sup>	30	93.40
on both sides indicating left	36080P2LL	8.9 <sup>A</sup>	30	100.00
on both sides indicating right	36080P2RR	8.9 <sup>A</sup>	30	100.00

### Film RA2/C, arrowed

on both sides indicating right / left	36080P3	8.9 <sup>A</sup>	30	104.00
on one side indicating left	36080P3L	8.9 <sup>A</sup>	30	96.60
on one side indicating right	36080P3R	8.9 <sup>A</sup>	30	96.60
on both sides indicating left	36080P3LL	8.9 <sup>A</sup>	30	104.00
on both sides indicating right	36080P3RR	8.9 <sup>A</sup>	30	104.00



## Folding sign holder

for quick securing and marking of construction sites, extremely robust folding mechanism with two joints, ergonomic carrying handles on footplate, footplate with anti-slip system, therefore no slipping on the construction site, folds down undamaged during crash and thus increases safety enormously, the shield holder consists of 40 x 40 square tube, signs can be fixed with sign clamps or hooked into the lasered retaining contour, usable height: 815 mm, total height: 1100 mm

Part-No.	Kg	Unit	Euro
36080S	11.1 <sup>B</sup>	1	58.00



## Storage and transport pallet for folding panels

for 30 pcs. folding panel, standtubes Ø48 mm, horizontal tubes welded, can be used by crane, due to the contours of the tulip feet the pallets can be stacked in a stable manner

Part-No.	Kg	Unit	Euro
galvanized 36080-5	134.0 <sup>B</sup>	1	433.00



## Folding panel SET1

consisting of:

- 1 x storage and transport pallet for folding panels (part-no. 36080-5)
- 30 x folding panel (part-no. 36080)

Part-No.	Kg	Unit	Euro
36080-SET1	187.0 <sup>B</sup>	1	2980.00



## Transport rack for folding panels

for quick use, with two sturdy carrying handles for ergonomic handling, easy removal for immediate use of the folding panels, holding 5 pcs.

Part-No.	Kg	Unit	Euro
galvanized 36080-1	9.2 <sup>A</sup>	1	69.80



## Folding panel SET2

consisting of:

- 1 x transport rack for folding panels (part-no. 36080-1)
- 5 x folding panel (part-no. 36080)

Part-No.	Kg	Unit	Euro
36080-SET2	53.7 <sup>B</sup>	1	555.00

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Traffic panel flat for EURO2/3 panel fence**

film on both sides, made of plastic  
 traffic panel dimensions: 1000 mm x 230 mm  
 film dimensions: 800 mm x 200 mm

Film RA1/A, red / white	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36050	1.5 <sup>A</sup>	250	23.10
on one side indicating right	36050R	1.5 <sup>A</sup>	250	20.50
on one side indicating left	36050L	1.5 <sup>A</sup>	250	20.50
on both sides indicating right	36050RR	1.5 <sup>A</sup>	250	23.10
on both sides indicating left	36050LL	1.5 <sup>A</sup>	250	23.10

Film RA2/B, red / white	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	360502	1.5 <sup>A</sup>	250	28.40
on one side indicating right	360502R	1.5 <sup>A</sup>	250	25.10
on one side indicating left	360502L	1.5 <sup>A</sup>	250	25.10
on both sides indicating right	360502RR	1.5 <sup>A</sup>	250	28.40
on both sides indicating left	360502LL	1.5 <sup>A</sup>	250	28.40

Film RA1/A, red / yellow	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36050SK	1.5 <sup>A</sup>	250	23.10
on one side indicating right	36050SKR	1.5 <sup>A</sup>	250	20.50
on one side indicating left	36050SKL	1.5 <sup>A</sup>	250	20.50
on both sides indicating right	36050SKRR	1.5 <sup>A</sup>	250	23.10
on both sides indicating left	36050SKLL	1.5 <sup>A</sup>	250	23.10

Film RA2/B, red / yellow	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	360502SK	1.5 <sup>A</sup>	250	28.40
on one side indicating right	360502SKR	1.5 <sup>A</sup>	250	25.10
on one side indicating left	360502SKL	1.5 <sup>A</sup>	250	25.10
on both sides indicating right	360502SKRR	1.5 <sup>A</sup>	250	28.40
on both sides indicating left	360502SKLL	1.5 <sup>A</sup>	250	28.40

Film RA2/C, red / yellow	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	360503SK	1.5 <sup>A</sup>	250	32.30
on one side indicating right	360503SKR	1.5 <sup>A</sup>	250	27.20
on one side indicating left	360503SKL	1.5 <sup>A</sup>	250	27.20
on both sides indicating right	360503SKRR	1.5 <sup>A</sup>	250	32.30
on both sides indicating left	360503SKLL	1.5 <sup>A</sup>	250	32.30

**Storage and transport pallet for flat panels**

for 108 pcs. flat panels, vertical tubes made of 50 x 50 mm, cross tubes welded, can be moved by crane, the tulip shape of the feet gives the pallet stack stability

galvanized	Part-No.	Kg	Unit	Euro
	36050-5	58.0 <sup>B</sup>	1	325.00

**Flat panel SET**

consisting of:  
 1 x storage and transport pallet for flat panels (part-no. 36050-5)  
 108 x flat panel, red / yellow, film RA2/B (part-no. 360502SK)

Part-No.	Kg	Unit	Euro
360502SK-SET1	172.5 <sup>B</sup>	1	3290.00



**Base plate flat traffic panel 17 Kg**

with slot for fixing panel and handle  
incl. polyester tape for fixing panel

	Part-No.	Kg	Unit	Euro
plastic recycling	31995	17.0 <sup>s</sup>	30	19.80



**Transport box for flat panel base plates**

for storage and transport of 44 base plates for flat panels (part-no. 31995), robust steel construction made of square tube and mesh mat, incl. stacking corners for space-saving storage in height, as well as crane eyes, with half-foldable side part for easy removal of the base plates, can be combined with flat panel basket (part-no. 36050-1)

	Part-No.	Kg	Unit	Euro
galvanized	31995-5	78.0 <sup>B</sup>	1	416.00



**Base plate SET**

consisting of:

- 1 x transport box for flat panel base plates (part-no. 31995-5)
- 44 x base plate (part-no. 31995)

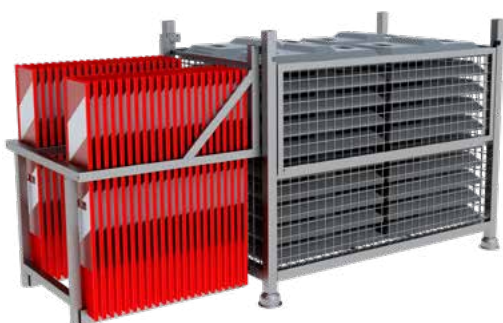
Part-No.	Kg	Unit	Euro
31995-SET	826.0 <sup>B</sup>	1	1250.00



**Transport basket for flat panels**

sturdy steel construction made of square tube, for 44 flat panels (part-no. 36050-series), basket is hooked without tools into transport box (part-no. 31995-5) and uses the advantages of the box and complements it with the combined storage base plate with flat panel, laser contour to hold each flat panel, good countability for optimal handling

	Part-No.	Kg	Unit	Euro
galvanized	36050-1	26.0 <sup>B</sup>	1	186.00



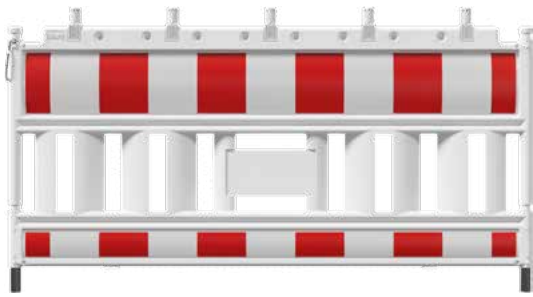
**Transport box with basket SET**

consisting of:

- 1 x transport box for flat panel base plates (part-no. 31995-5)
- 1 x transport basket for storage and transport of flat panels (part-no. 36050-1)
- 44 x base plate (part-no. 31995)
- 44 x flat panel (part-no. 36050)

Part-No.	Kg	Unit	Euro
36050-SET2	896.0 <sup>C</sup>	1	2410.00

Traffic safety



**Schake-Euro2 panel fence, type NOX**  
of ultraviolet-resistant, impact resistant plastic

Tested according to TL blocking technology 97,  
Length 2.00 m, complies with ZTV-SA requirements,  
Optionally with assembled lamp adapters

Infrastructure building

**i** Several panel fences can be put together with connectors.



Mobile fence



Film	Part-No.	Kg	Unit	Euro
<b>Film RA1/A</b> without lamp adapter, red / white	33420K	14.5 B	20	114.00
with lamp adapter, red / white	33420KA	16.0 B	20	123.00
Test number: 333/04K				
<b>Film RA2/B</b> without lamp adapter, red / white	33420K2	14.5 B	20	153.00
with lamp adapter, red / white	33420KA2	16.0 B	20	162.00
Test number: 333/04K				
<b>Film RA1/A</b> without lamp adapter, red / yellow	33420KSK	14.5 B	20	114.00
<b>Film RA2/B</b> without lamp adapter, red / yellow	33420K2SK	14.5 B	20	153.00
<b>Film RA2/BC</b> without lamp adapter, red / yellow	33420K3SK	14.5 B	20	162.00
<b>Without film</b> without lamp adapter	33420K-OF	14.0 B	20	96.00
with lamp adapter	33420KA-OF	16.0 B	20	105.00

Formwork

Building support safety



**Rely on our experience!**



Higher stability and less weight due to optimum use of materials



Integrated carrying handle for better handling



The vertical tube running the full length from top to bottom, provides extra stability



Larger advertising area for individual customer logo printed in up to 4 colours  
Size of the advertising area: 184 x 364 mm

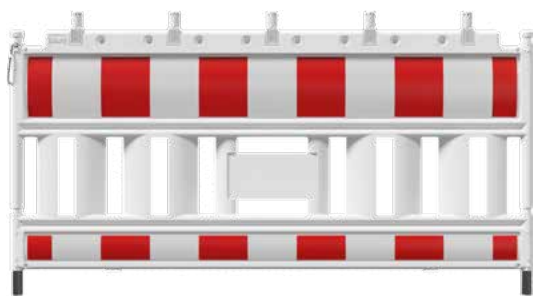
**Customize your panel fence:**

logo sign	5.65 € / pc.
sticker advertising area	4.75 € / pc.
sticker film	2.50 € / pc.
imprinted logo	1 x 450.00 €

Storage - transport

Building site installation

Barrier free construction site



**Schake-Euro2 panel fence, type NOX Light**

of ultraviolet-resistant, impact resistant plastic

Tested according to TL blocking technology 97,  
Length 2.00 m, complies with ZTV-SA requirements,  
Optionally with assembled lamp adapters

Film RA1/A	Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33520K	12.5 <sup>B</sup>	20	110.00
with lamp adapter, red / white	33520KA	14.0 <sup>B</sup>	20	119.00

Test number: 333/04K

Film RA2/B	Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33520K2	12.5 <sup>B</sup>	20	149.00
with lamp adapter, red / white	33520KA2	14.0 <sup>B</sup>	20	158.00

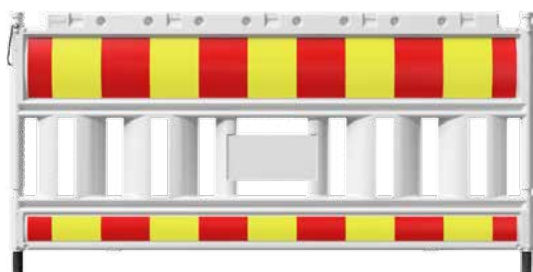
Test number: 333/04K

Film RA1/A	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33520KSK	12.5 <sup>B</sup>	20	110.00

Film RA2/B	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33520K2SK	12.5 <sup>B</sup>	20	149.00

Film RA2/C	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33520K3SK	12.5 <sup>B</sup>	20	158.00

Without film	Part-No.	Kg	Unit	Euro
without lamp adapter	33520K-OF	12.5 <sup>B</sup>	20	92.00
with lamp adapter	33520KA-OF	14.0 <sup>B</sup>	20	101.00



**Blind protection strip for barrier fence 2.00 m length**

made of aluminum incl. brackets for part-no. 3199F so that  
people with walking or visual impairments pass the construction sites more safely

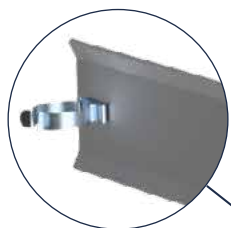
aluminium	Part-No.	Kg	Unit	Euro
	3199B	2.4 <sup>B</sup>	1	78.00



**Base plate adapter**

for barrier-free installation of traffic panel fences or mobile fences suitable for  
all common K1 base plates with round tube adapter of 42 mm

galvanized	Part-No.	Kg	Unit	Euro
	3199F	3.6 <sup>A</sup>	1	39.50



Traffic safety

Infrastructure building

Mobile fence

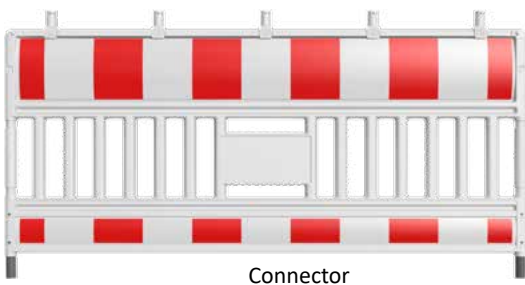
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



Connector  
Part-No. 33328



**Schake-Euro3 panel fence, type ULTRA**

made of ultraviolet-resistant, impact-resistant plastic

**Tested according to TL blocking technology 97, Length: 2.00 m, complies with ZTV-SA requirements, optionally with assembled lamp adapters**

With film RA1/A	Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33620K	9.0 <sup>B</sup>	20	101.00
with lamp adapter, red / white	33620KA	10.5 <sup>B</sup>	20	110.00

With film RA2/B	Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33620K2	9.0 <sup>B</sup>	20	140.00
with lamp adapter, red / white	33620KA2	10.5 <sup>B</sup>	20	149.00

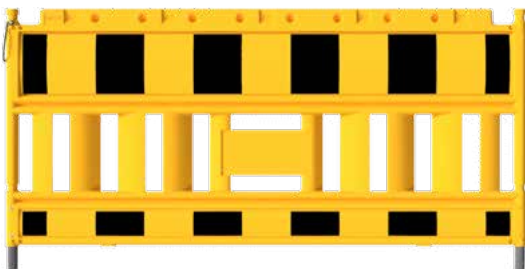


With film RA1/A	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33620KSK	9.0 <sup>B</sup>	20	101.00

With film RA2/B	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33620K2SK	9.0 <sup>B</sup>	20	140.00

With film RA2/C	Part-No.	Kg	Unit	Euro
without lamp adapter, red / yellow	33620K3SK	9.0 <sup>B</sup>	20	149.00

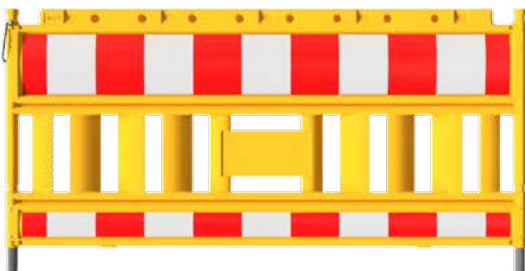
Without film	Part-No.	Kg	Unit	Euro
without lamp adapter	33620K-OF	9.0 <sup>B</sup>	20	83.00
with lamp adapter	33620KA-OF	10.5 <sup>B</sup>	20	92.00



**Schake-Euro2 panel fence, type INDUSTRY**

of ultraviolet-resistant, impact resistant plastic (RAL 1023) with film RA1/A (no TL test), length 2.00 m

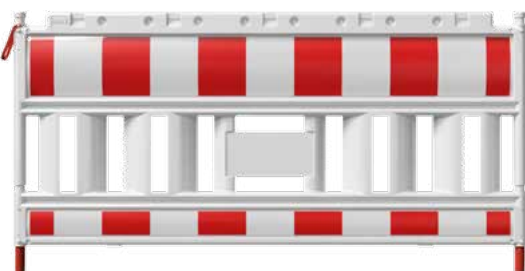
Part-No.	Kg	Unit	Euro
without lamp adapter, yellow / black	33420K-I	14.5 <sup>B</sup>	20 140.00
with lamp adapter, yellow / black	33420KA-I	16.0 <sup>B</sup>	20 149.00



**Schake-Euro2 panel fence, type NOX YELLOW**

of ultraviolet-resistant, impact resistant plastic (RAL 1023) with film RA1/A (no TL test), length 2.00 m

Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33420K-G	14.5 <sup>B</sup>	20 140.00
with lamp adapter, red / white	33420KA-G	16.0 <sup>B</sup>	20 149.00

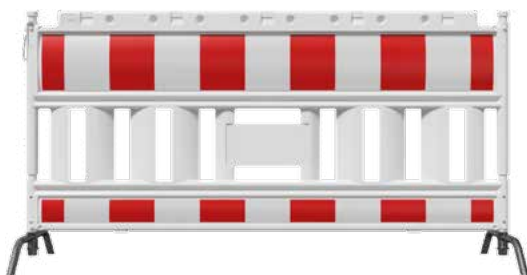


**Schake-Euro2 panel fence, type ELEKTRO**

made of insulating material, TL-compliant of ultraviolet-resistant, impact resistant plastic with film RA1/A

**Tested according to TL blocking technology 97, Length 2.00 m, complies with ZTV-SA requirements, optionally with assembled lamp adapters**

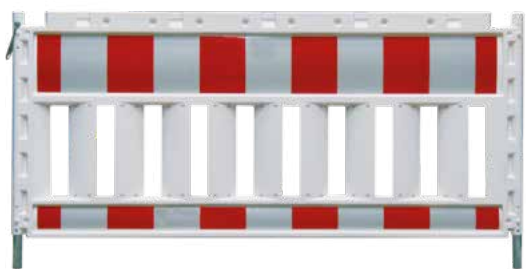
Part-No.	Kg	VPE	Euro
without lamp adapter, red / white	33420KE	12.5 <sup>B</sup>	20 120.00
with lamp adapter, red / white	33420KAE	14.0 <sup>B</sup>	20 129.00



**Schake-Euro2 panel fence, 2.00 m, with steel feet, pivotable**

of ultraviolet-resistant, impact resistant plastic with film RA1/A, prepared for lamp adapter, total height: 1.00 m (no TL test), length 2.00 m

	Part-No.	Kg	Unit	Euro
without lamp adapter, red / white	33420KF	18.0 <sup>B</sup>	20	156.00

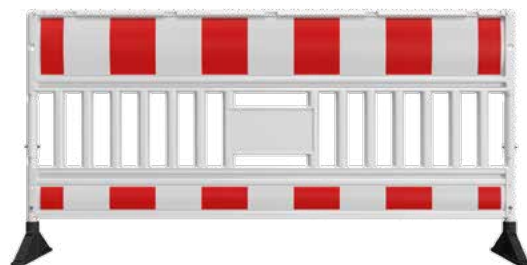


**Schake-Euro panel fence**

of ultraviolet-resistant, impact resistant plastic length 1.20 m or 1.60 m, tested according to TL blocking technology 97, complies with ZTV-SA requirements, test number 333/04K (length 2.40 m no TL test)

With film RA1/A	Part-No.	Kg	Unit	Euro
length: 1.20 m, without lamp adapter	33312K	8.0 <sup>B</sup>	20	92.90
length: 1.20 m, with lamp adapter	33312KA	8.5 <sup>B</sup>	20	101.00
length: 1.60 m, without lamp adapter	33316K	10.0 <sup>B</sup>	20	106.00
length: 1.60 m, with lamp adapter	33316KA	11.0 <sup>B</sup>	20	115.00
length: 2.40 m, without lamp adapter	33324K	14.0 <sup>C</sup>	20	145.00
length: 2.40 m, with lamp adapter	33324KA	16.0 <sup>C</sup>	20	154.00

With film Typ RA2/B	Part-No.	Kg	Unit	Euro
length: 1.20 m without lamp adapter	33312K2	8.0 <sup>B</sup>	20	131.00
length: 1.60 m without lamp adapter	33316K2	10.0 <sup>B</sup>	20	145.00
length: 2.40 m without lamp adapter	33324K2	14.0 <sup>C</sup>	20	178.00



**Schake-Euro3 panel fence type ULTRA, 2.00 m, with rubber feet, pivotable**

of ultraviolet-resistant, impact resistant plastic with film RA1, prepared for replaceable adapters, total height: 1.00 m feet and fence mounted, turnable 360° without adjustment

	Part-No.	Kg	Unit	Euro
with film RA1/A, red / white	33620KF	15.0 <sup>B</sup>	20	150.00
with film RA1/A, black / yellow	33621KF	15.0 <sup>B</sup>	20	150.00



**Connector**

for all types of plastic panel fences, screws included (deployable without screws)

	Part-No.	Kg	Unit	Euro
plastic	33328	0.1 <sup>A</sup>	50	4.55



**Adapter for panel fence to TL**

for all common lamp types, incl. locking screw

	Part-No.	Kg	Unit	Euro
plastic, type NOX	33325	0.1 <sup>A</sup>	100	1.90
plastic, type ULTRA	33325-1	0.1 <sup>A</sup>	100	1.80



**Connecting clamp**

for all traffic panel types, incl. screw closure

	Part-No.	Kg	Unit	Euro
plastic	3VB20	0.5 <sup>A</sup>	20	3.25



Traffic safety

Infrastructure building

Mobile fence

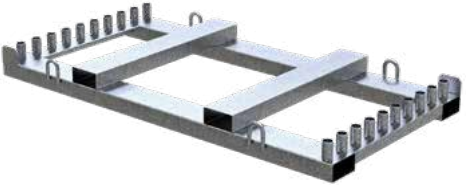
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**i** Storage and transport pallet type S  
Part-no. 32000, see page 25

**Panel fence set type 32000**

consisting of:  
1 x storage and transport pallet (part-no. 32000)  
20 x Schake panel fence

**Set variant with Schake-Euro2 panel fence type NOX**

	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-32000	370.0 B	1	2660.00
with lamp adapter	33420KA-32000	400.0 B	1	2830.00
without lamp adapter	33420K2-32000	370.0 B	1	3420.00
with lamp adapter	33420KA2-32000	400.0 B	1	3590.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-32000	330.0 B	1	2580.00
with lamp adapter	33520KA-32000	344.0 B	1	2740.00
without lamp adapter	33520K2-32000	330.0 B	1	3330.00
with lamp adapter	33520KA2-32000	344.0 B	1	3510.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-32000	260.0 B	1	2410.00
with lamp adapter	33620KA-32000	290.0 B	1	2600.00
without lamp adapter	33620K2-32000	260.0 B	1	3220.00
with lamp adapter	33620KA2-32000	290.0 B	1	3380.00

**Panel fence set type 32003**

consisting of:  
1 x storage and transport pallet (part-no. 32003)  
20 x Schake panel fence

**Set variant with Schake-Euro2 panel fence type NOX**

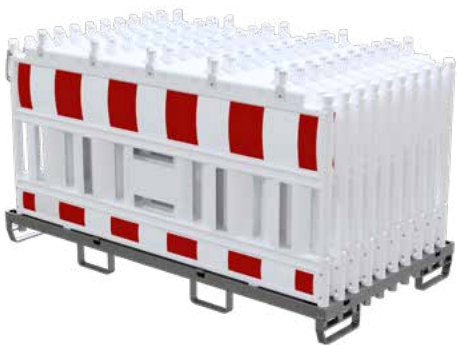
	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-32003	330.0 B	1	2520.00
with lamp adapter	33420KA-32003	360.0 B	1	2690.00
without lamp adapter	33420K2-32003	330.0 B	1	3270.00
with lamp adapter	33420KA2-32003	360.0 B	1	3450.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-32003	290.0 B	1	2440.00
with lamp adapter	33520KA-32003	304.0 B	1	2600.00
without lamp adapter	33520K2-32003	290.0 B	1	3180.00
with lamp adapter	33520KA2-32003	304.0 B	1	3370.00

**Set variant with Schake-Euro3 panel fence type Ultra**

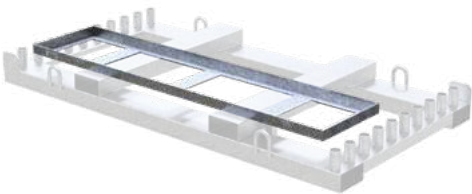
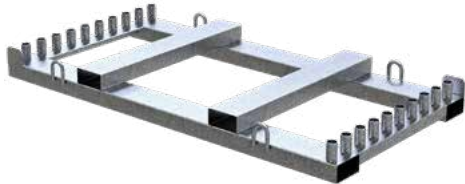
without lamp adapter	33620K-32003	220.0 B	1	2260.00
with lamp adapter	33620KA-32003	250.0 B	1	2460.00
without lamp adapter	33620K2-32003	220.0 B	1	3080.00
with lamp adapter	33620KA2-32003	250.0 B	1	3230.00



**i** Storage and transport pallet type L  
Part-no. 32003, see page 25



**i** Stacking pallet type P  
Part-no. 32001-0



**Panel fence set type 32001**

consisting of:

1 x storage and transport pallet with removable cross tubes (part-no. 32001-0)  
20 x Schake panel fence

**Set variant with Schake-Euro2 panel fence type NOX**

	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-32001-0	357.0 <sup>B</sup>	1	2590.00
with lamp adapter	33420KA-32001-0	387.0 <sup>B</sup>	1	2760.00
without lamp adapter	33420K2-32001-0	357.0 <sup>B</sup>	1	3340.00
with lamp adapter	33420KA2-32001-0	387.0 <sup>B</sup>	1	3520.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-32001-0	308.0 <sup>B</sup>	1	2510.00
with lamp adapter	33520KA-32001-0	322.0 <sup>B</sup>	1	2670.00
without lamp adapter	33520K2-32001-0	308.0 <sup>B</sup>	1	3260.00
with lamp adapter	33520KA2-32001-0	322.0 <sup>B</sup>	1	3440.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-32001-0	347.0 <sup>B</sup>	1	2330.00
with lamp adapter	33620KA-32001-0	387.0 <sup>B</sup>	1	2530.00
without lamp adapter	33620K2-32001-0	347.0 <sup>B</sup>	1	3150.00
with lamp adapter	33620KA2-32001-0	387.0 <sup>B</sup>	1	3300.00

**Storage and transport pallet type S**

for panel and mobile fences, galvanized steel structure, suitable for transport by fork-lift or movement by crane, holds 20 units, available for barrier fences of 2.00 m or 2.40 m length

	Part-No.	Kg	Unit	Euro
length: 2.00 m, galvanized	32000	80.0 <sup>B</sup>	1	461.00
length: 2.40 m, galvanized	32400	90.0 <sup>C</sup>	1	505.00

**Adaptation for base plate**

sturdy steel construction, can be combined with the storage and transport pallet (part-No. 32000). The adaptation holds up to 16 K1 foot plates (part-No. 31991). Length: approx. 2.00 m, depth: approx. 0.45 m

galvanized	32000-A	27.0 <sup>B</sup>	1	135.00
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**Storage and transport pallet type L**

for barrier grids 4-sided access, storage capacity: 20 pcs., length: 2.00 m

galvanized	32003	40.3 <sup>B</sup>	1	313.00
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**Storage and transport pallet type P**

with removable cross tubes for simple loading / unloading, safe transport by 8 welded guides, the panel fences are placed on welded elevated cross tubes, suitable for transport by fork-lift or crane, the tulip shape of the feet adds stability to the pallet stacks.

Inside dimensions: 1.80 m x 1.10 m, cross tube height: 1.08 m

galvanized	32001-0	58.0 <sup>B</sup>	1	387.00
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Traffic safety

Infrastructure building

Mobile fence

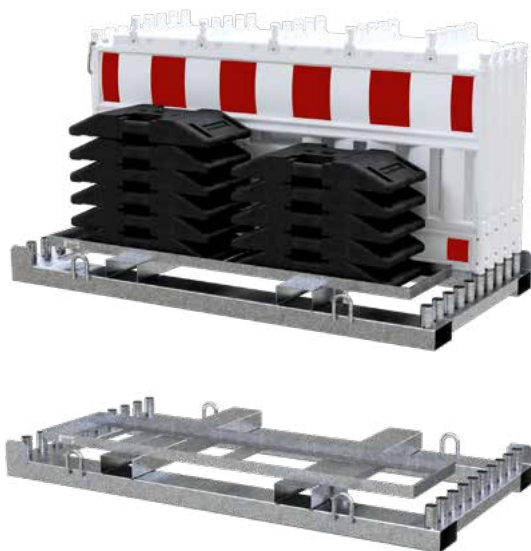
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Panel fence SET 1**

consisting of:

- 1 x storage and transport pallet for fences (part-no. 32000)
- 1 x base plate cross member for K1 feet (part-no. 32000-A)
- 10 x Schake panel fence
- 11 x TL base plate acc. to K1, 30 kg, (part-no. 31991)
- 2 x lashing strap, 2 parts, with clamping lock (part-no. 50352-4)



**Set variant with Schake-Euro2 panel fence type NOX**

	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-SET1	549.0 B	1	1930.00
with lamp adapter	33420KA-SET1	556.0 B	1	2010.00
without lamp adapter	33420K2-SET1	549.0 B	1	2300.00
with lamp adapter	33420KA2-SET1	556.0 B	1	2390.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-SET1	542.0 B	1	1890.00
with lamp adapter	33520KA-SET1	549.0 B	1	1970.00
without lamp adapter	33520K2-SET1	542.0 B	1	2260.00
with lamp adapter	33520KA2-SET1	549.0 B	1	2350.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-SET1	507.0 B	1	1800.00
with lamp adapter	33620KA-SET1	514.0 B	1	1900.00
without lamp adapter	33620K2-SET1	507.0 B	1	2210.00
with lamp adapter	33620KA2-SET1	514.0 B	1	2280.00

**Panel fence SET 2**

consisting of:

- 1 x storage and transport pallet for fences (part-no. 32000)
- 20 x Schake panel fence
- 21 x TL base plate acc. to K1, 30 kg, (part-no. 31991)
- 1 x storage and transport pallet for feet (part-no. 3B214)



**Set variant with Schake-Euro2 panel fence type NOX**

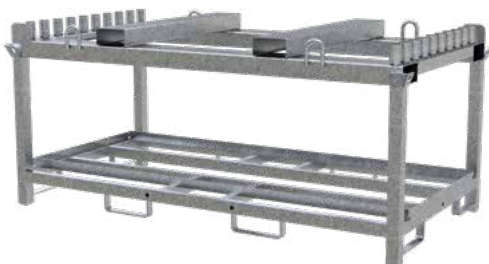
	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-SET2	1035.0 B	1	3670.00
with lamp adapter	33420KA-SET2	1042.0 B	1	3840.00
without lamp adapter	33420K2-SET2	1035.0 B	1	4430.00
with lamp adapter	33420KA2-SET2	1042.0 B	1	4600.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-SET2	1003.0 B	1	3590.00
with lamp adapter	33520KA-SET2	1017.0 B	1	3750.00
without lamp adapter	33520K2-SET2	1003.0 B	1	4340.00
with lamp adapter	33520KA2-SET2	1017.0 B	1	4520.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-SET2	933.0 B	1	3420.00
with lamp adapter	33620KA-SET2	947.0 B	1	3610.00
without lamp adapter	33620K2-SET2	933.0 B	1	4230.00
with lamp adapter	33620KA2-SET2	947.0 B	1	4390.00





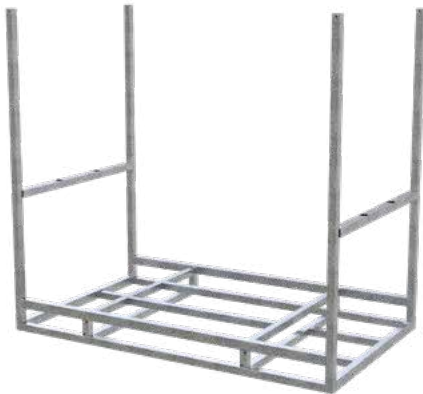
**Panel fence SET 3**

- consisting of:
- 1 x multi pallet for panel fences and base plates (part-no. 3B219V)
- 20 x Schake panel fence
- 21 x TL base plates acc. to K1, 30 kg (part-no. 31991)



**Set variant with Schake-Euro2 panel fence type NOX**

	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-SET3	950.0 B	1	3100.00
with lamp adapter	33420KA-SET3	957.0 B	1	3270.00
without lamp adapter	33420K2-SET3	950.0 B	1	3860.00
with lamp adapter	33420KA2-SET3	957.0 B	1	4030.00



**Set variant with Schake-Euro2 panel fence type NOX Light**

without lamp adapter	33520K-SET3	898.0 B	1	3020.00
with lamp adapter	33520KA-SET3	912.0 B	1	3180.00
without lamp adapter	33520K2-SET3	898.0 B	1	3770.00
with lamp adapter	33520KA2-SET3	912.0 B	1	3950.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-SET3	528.0 B	1	2850.00
with lamp adapter	33620KA-SET3	542.0 B	1	3040.00
without lamp adapter	33620K2-SET3	528.0 B	1	3660.00
with lamp adapter	33620KA2-SET3	542.0 B	1	3820.00



**Panel fence SET 4**

- consisting of:
- 1 x twin pallet for panel fences and base plates (part-no. 32000T)
- 20 x Schake panel fence
- 21 x TL base plates acc. to K1, 30 kg (part-no. 31991)



**Set variant with Schake-Euro2 panel fence type NOX**

	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-SET4	1016.0 B	1	3350.00
with lamp adapter	33420KA-SET4	1023.0 B	1	3530.00
without lamp adapter	33420K2-SET4	1016.0 B	1	4110.00
with lamp adapter	33420KA2-SET4	1023.0 B	1	4280.00

**Set variant with Schake-Euro2 panel fence type NOX Light**

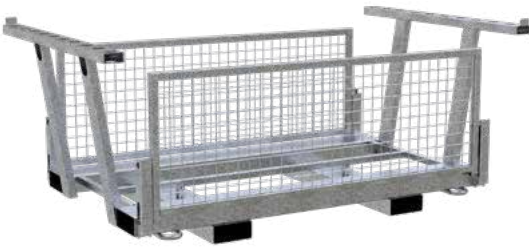
without lamp adapter	33520K-SET4	974.7 B	1	3280.00
with lamp adapter	33520KA-SET4	1004.0 B	1	3430.00
without lamp adapter	33520K2-SET4	974.7 B	1	4020.00
with lamp adapter	33520KA2-SET4	1004.0 B	1	4210.00

**Set variant with Schake-Euro3 panel fence type Ultra**

without lamp adapter	33620K-SET4	974.7 B	1	3100.00
with lamp adapter	33620KA-SET4	974.7 B	1	3300.00
without lamp adapter	33620K2-SET4	974.7 B	1	3920.00
with lamp adapter	33620KA2-SET4	974.7 B	1	4070.00



Traffic safety



### Storage and transport tie-bars for plastic fences and base plates

for 20 traffic panels of all common types and 20 recycling base plates of a commercial design, made of a firm steel construction, accessible on 4 sites, can be moved by crane

- foldable side parts ensure a safe transport of the feet
- double-sided and simultaneous removal of the fences and feet possible
- stackable in a space-saving manner

max. width of the base plates: 420 mm  
 max. length of the base plates: 850 mm  
 max. height of the base plates: 120 mm

	Part-No.	Kg	Unit	Euro
galvanized	32000T	126.3 <sup>B</sup>	1	730.00

**i** also available as finish packed set

Infrastructure building

Mobile fence



### Multi pallet for plastic fences and base plates

for 20 plastic fences of all common types and 20 recycling base plates of a commercial design made of steel

- base plates are held by the first layer in the pallet and secure themselves with their own locking
- traffic panels are held by 4 removable bars

max. width of the base plates: 400 mm  
 max. length of the base plates: 850 mm  
 max. height of the base plates: 130 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B219V	60.0 <sup>B</sup>	1	468.00

**i** also available as finish packed set

Formwork

Building support safety



### Storage and transport tie-bars for base plates

suitable for holding max. 30 K1 base plates of any common producer in combination with storage and transport pallet for panel fences (part-no. 32000, page 22), stackable

	Part-No.	Kg	Unit	Euro
galvanized	3B214	85.0 <sup>B</sup>	1	595.00

**i** also available as finish packed set

Storage - transport

Building site installation



### Shaft tube adaptation

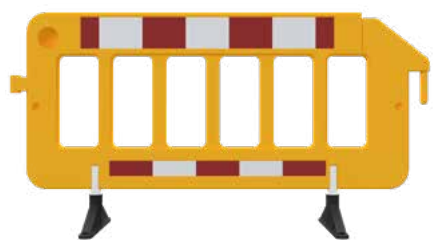
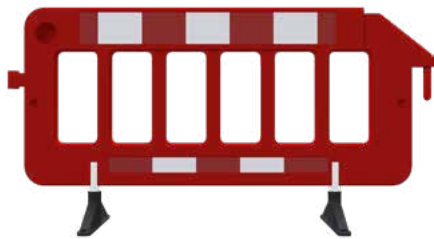
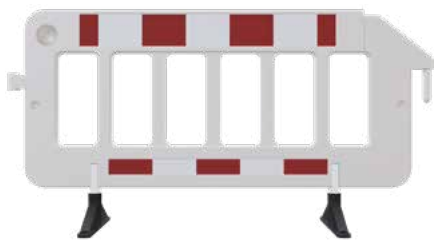
for storage and transport rack (part-no. 3B214) the adaptation is simply being hooked in the rack, a safe storage and transport is possible, the shaft tubes are secured against slipping and falling out by this adaption

	Part-No.	Kg	Unit	Euro
galvanized	3B214-1	12.0 <sup>B</sup>	2	200.00



**i** SET

Barrier-free construction site



### Rotatable plastic panel fence

safe and quick installation by integrated turning feet, simple linkup by hook and eye system, total length 2.00 m, total height 1.00 m

	Part-No.	Kg	Unit	Euro
<b>white corpus</b>				
without film	33320KRF	12.5 <sup>B</sup>	20	85.50
with film type RA1/A, red/white	33320KDRF	13.0 <sup>B</sup>	20	98.10
with film type RA2/B, red/white	33320KDRF2	13.0 <sup>B</sup>	20	108.00
with film type RA1/A, red/yellow	33320KDRFSK	13.0 <sup>B</sup>	20	98.10
with film type RA1/A, yellow/black	33321KDRF	13.0 <sup>B</sup>	20	105.00
<b>red corpus</b>				
without film	33320KRF-R	12.5 <sup>B</sup>	20	90.50
with film type RA1/A, red/white	33320KDRF-R	13.0 <sup>B</sup>	20	103.10
with film type RA2/B, red/white	33320KDRF2-R	13.0 <sup>B</sup>	20	113.00
with film type RA1/A, red/yellow	33320KDRFSK-R	13.0 <sup>B</sup>	20	103.10
with film type RA1/A, yellow/black	33321KDRF-R	13.0 <sup>B</sup>	20	110.00
<b>yellow corpus</b>				
without film	33320KRF-G	12.5 <sup>B</sup>	20	90.50
with film type RA1/A, red/white	33320KDRF-G	13.0 <sup>B</sup>	20	103.10
with film type RA2/B, red/white	33320KDRF2-G	13.0 <sup>B</sup>	20	113.00
with film type RA1/A, red/yellow	33320KDRFSK-G	13.0 <sup>B</sup>	20	103.10
with film type RA1/A, yellow/black	33321KDRF-G	13.0 <sup>B</sup>	20	110.00

### Storage and transport pallet

for KDRF crowd barriers made of plastic, accessible on 4 sides, construction made of 40x40 mm square tube, foldable cross tubes for unloading; Capacity: 20 pcs., length: 2.00 m

	Part-No.	Kg	Unit	Euro
galvanized	32000KDRF	53.5 <sup>B</sup>	1	332.00

### Plastic panel fence SET

consisting of:

- 1 x storage and transport pallet (part-no. 32000KDRF)
- 20 x rotatable plastic panel fence (part-no. 33320KDRF)

Part-No.	Kg	Unit	Euro
33320KDRF-SET	313.5 <sup>B</sup>	1	2230.00



# RFID Material Tracking

## System advantages

Our material tracking systems are based on the latest RFID technology and ensure seamless material tracking in mobile sector.

Using RFID technology, products that are equipped with tags, can be tracked by mobile radio scanners or fixed readers from distances of up to several metres, can be read and uniquely identified, not only individually, but also as a complete pulse reading, in order to optimise counting and inspection processes, as well as to track the movement and use of individual products.

The materials which are tracked are already equipped with RFID tags during the production process and are thus permanently electronically identifiable.

This means that our products are already traceable when they arrive at your place.



- **Simplification of the annual inventory**
- **Obtaining valuable additional information, such as service life and operating time of the products**
- **Reduction of material shrinkage**
- **Disposition and control in the shortest possible time**
- **Avoidance of manual input errors**
- **Reliable bulk detection without visual contact**
- **Unique identification of all materials, no manual data maintenance necessary**

### One-time costs

per system

RFID-SYSTEMINS

System installation and deployment of the online application and setting up the virtual server

**Euro**

3560.00

**per terminal**

RFID-HANDSCANNER

RFID UHF hand reader incl. handle

3850.00

RFID-GERÄTKONFIG

Software configuration per terminal

1285.00

### Operating costs per month

**system**

RFID-LIZENZ

Software hosting, maintenance, updates, system fee

715.00

#### Terminal licences

RFID-LIZEGA

Licence costs per terminal with number of terminals 1-5

370.00

RFID-LIZEGB

Licence costs per terminal with number of terminals 6-10

345.00

RFID-LIZEGC

Licence costs per terminal with number of terminals 11-25

315.00

RFID-LIZEGD

Licence costs per terminal with number of terminals 26-50

285.00

RFID-LIZEGE

Licence costs per terminal with number of terminals 51-100

175.00

#### Terminal Support Hotline

RFID-WAREGA

Support hotline per terminal with number of terminals 1-5

440.00

RFID-WAREGB

Support hotline per terminal with number of terminals 6-10

330.00

RFID-WAREGC

Support hotline per terminal with number of terminals 11-25

295.00

RFID-WAREGD

Support hotline per terminal with number of terminals 26-50

225.00

RFID-WAREGE

Support hotline per terminal with number of terminals 51-100

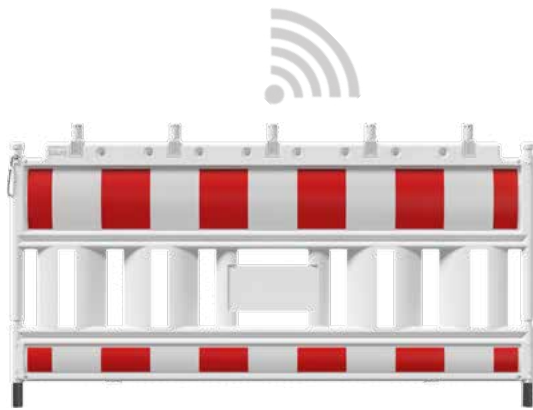
165.00

#### SIM card

RFID-SIM

SIM card per unit

17.50



**Schake-Euro2 panel fence, type NOX**

of ultraviolet-resistant, impact resistant plastic

Tested according to TL blocking technology 97,  
Length 2.00 m, complies with ZTV-SA requirements,  
Optionally with assembled lamp adapters, with integrated RFID tags

Film RA1/A, red /white	Part-No.	Kg	Unit	Euro
without lamp adapter	33420K-S-RFID-SCHAKE	14.5 <sup>B</sup>	20	139.00
with lamp adapter	33420KA-S-RFID-SCHAKE	16.0 <sup>B</sup>	20	143.50

Test number: 333/04K



**Signal light for traffic panels PowerNox**

with LED technology, for mounting on safety traffic panels and barrier fences, for one-side or double-side safety of multi-lane roads and motorways, with integrated battery box and dusk-to-dawn function, color: red, with integrated RFID tags, BAST tested

	Part-No.	Kg	Unit	Euro
light exits on both sides, yellow	33NOXG2-RFID	1.0 <sup>A</sup>	10	57.10
light exits on one side, red	33NOXR1-RFID	1.0 <sup>A</sup>	10	57.10



36NOXR  
indicating right

36NOXL  
indicating left

**BAST turn traffic panel**

for universal protection on highways and other streets, continuous support tube for high stability and protected film area for long life, socket for base plate part-no. 31NOX and lamp part-no. 33NOX, socket Ø 43 mm color: white, with integrated RFID tags

Film RA1/A, hatched	Part-No.	Kg	Unit	Euro
on both sides indicating right / left	36NOX-RFID	4.7 <sup>A</sup>	60	81.00
on one side indicating left	36NOXL-RFID	4.7 <sup>A</sup>	60	75.30
on one side indicating right	36NOXR-RFID	4.7 <sup>A</sup>	60	75.30
on both sides indicating left	36NOXLL-RFID	4.7 <sup>A</sup>	60	81.00
on both sides indicating right	36NOXRR-RFID	4.7 <sup>A</sup>	60	81.00

**BAST base plate according to K1 30 Kg Type NOX**

Recycled material made from high-quality raw materials, with integrated RFID tags

Size:	with pockets:
width: 400 mm	1 x 60 x 60 mm incl. adapter
length: 850 mm	4 x 40 x 40 mm (2 x Ø 42 mm combined)
height: 120 mm	1 x Ø 48 mm



	Part-No.	Kg	Unit	Euro
recycled plastic material	31NOX-S-RFID-SCHAKE	30.0 <sup>S</sup>	30	57.50







### Barricade panel to TL

a barrier suitable for many purposes, of galvanized steel sheet with UVV safety edges, provided with red / white reflecting film RA1/A, lateral universal holders for combination with panel pole holder

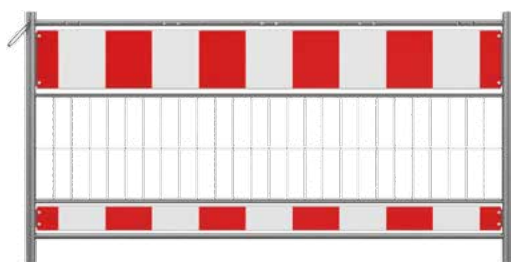
	Part-No.	Kg	Unit	Euro
length: 1.60 m, height: 100 mm	32016	2.5 <sup>B</sup>	2	28.20
length: 2.00 m, height: 100 mm	32020	3.5 <sup>B</sup>	2	31.20
length: 2.40 m, height: 100 mm	32024	4.5 <sup>C</sup>	2	34.40
length: 1.60 m, height: 250 mm	33162	5.0 <sup>B</sup>	2	43.90
length: 2.00 m, height: 250 mm	33202	6.0 <sup>B</sup>	2	53.80
length: 2.40 m, height: 250 mm	33242	7.0 <sup>C</sup>	2	62.00



### Panel pole holder

for mounting of barricade panels, galvanized steel construction with welded flanges for the barricade panel universal holders, height: 1.10 m

	Part-No.	Kg	Unit	Euro
galvanized	35110	5.0 <sup>B</sup>	10	27.60



### Panel fence to TL

suitable for securing ditches and other construction sites, galvanized tubular steel frame, with  $\varnothing$  42.4 mm vertical tubes and  $\varnothing$  26.9 mm horizontal tubes, metal mesh welded between the tubes suitable for securing ditches of 1.25 m depth or deeper, with riveted barrier (height: 250 mm) and riveted touch strip (height: 100 mm), design with holes for lamp holders

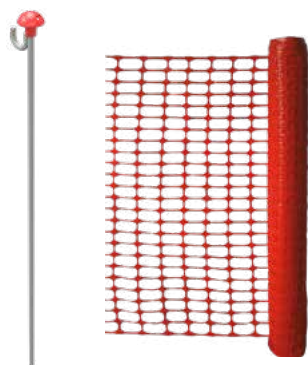
	Part-No.	Kg	Unit	Euro
<b>red / white, film RA1/A</b>				
length: 1.60 m	33316	19.0 <sup>B</sup>	20	104.00
length: 2.00 m	33320	24.0 <sup>B</sup>	20	129.00
length: 2.40 m	33324	28.0 <sup>C</sup>	20	145.00
<b>red / white, film RA2/B</b>				
length: 1.60 m	333162	19.0 <sup>B</sup>	20	137.00
length: 2.00 m	333202	24.0 <sup>B</sup>	20	158.00
length: 2.40 m	333242	28.0 <sup>C</sup>	20	182.00



By a connecting bracket the barrier grids can be connected to each other



<b>red / yellow, film RA1/A</b>				
length: 1.60 m	33316SK	19.0 <sup>B</sup>	20	104.00
length: 2.00 m	33320SK	24.0 <sup>B</sup>	20	125.00
length: 2.40 m	33324SK	28.0 <sup>C</sup>	20	145.00
<b>red / yellow, film RA2/B</b>				
length: 1.60 m	333162SK	19.0 <sup>B</sup>	20	137.00
length: 2.00 m	333202SK	24.0 <sup>B</sup>	20	158.00
length: 2.40 m	333242SK	28.0 <sup>C</sup>	20	182.00



### Plastic safety fence

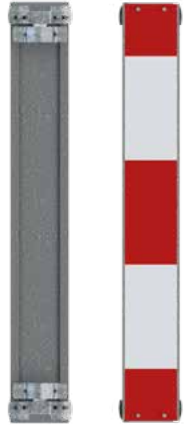
extra tear-resistant and hard-wearing safety fence in plastic (HDPE), versatile applications for e.g. temporary barriers, garden- and landscape areas. Mesh size: 80 x 40 mm, height: 1.00 m, length: 50 m each roll  
UV resistant, color: orange

	Part-No.	Kg	Unit	Euro
plastic	35700	6.5 <sup>A</sup>	1	61.40
holder for safety fence 1.20 m long, $\varnothing$ 14 mm with impact protection	35700P	1.6 <sup>A</sup>	1	7.00

## Horizontal arrangement



## Vertical arrangement



## Warning sign with tube clamps

for securing scaffolds, tunnel entrances and other obstacles made of galvanised sheet steel with UVV edging, covered with red / white reflective foil type RA1/A, outer dimensions: 800 x 110 mm, to be fixed with tube clamps adapted to backside of warning sign

Part-No.	Kg	Unit	Euro
632020	2.2	1	74.00



# Shaft safety guard

Traffic safety



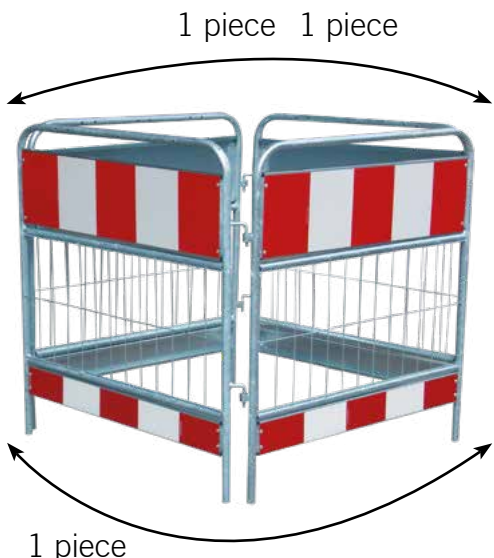
## Shaft safety guard

for safety of shaft work and on other sites, red coated steel frame with attached white reflecting stripes for extra safety. Base frame made of  $\varnothing$  26.9 mm round tube, total height: 0.90 m, each consists of 2 hinged round arcs, connected pivotably but firmly, any length is possible simply by adding further elements

	Part-No.	Kg	Unit	Euro
1.00 m wide, 2-part	35600	30.0 <sup>A</sup>	1	177.00
1.20 m wide, 2-part	35620	32.0 <sup>B</sup>	1	195.00

Infrastructure building

Mobile fence



## Shaft safety guards acc. to TL

for safety of shaft work and on other sites, galvanized tubular steel frame, made of  $\varnothing$  26.9 mm round tube, metal mesh welded in between the tubes, with riveted barrier (height: 250 mm) and riveted touch strip (height: 100 mm) with reflecting red / white film RA1/A, total height: 1.00 m, each consists of 2 hinged grates connected pivotably but firmly, any length is possible simply by adding further elements

	Part-No.	Kg	Unit	Euro
1.00 x 1.00 m, 2-part	34600	40.0 <sup>B</sup>	1	408.00
1.60 x 1.60 m, 2-part	34601	58.0 <sup>B</sup>	1	443.00
2.00 x 2.00 m, 2-part	34602	70.0 <sup>B</sup>	1	515.00

Formwork

Building support safety

**i** Each element consists of 2 hinged grates connected pivotably but fix. Endless extension is possible simply by adding further elements.

Storage - transport



## Folding barrier

designed for universal use, simple set up, space-saving storage by folding the riveted flat bars (25 mm x 4 mm) together, for warning purposes the flat bars have alternating coating, stability of the barrier is obtained by the wide feet, total height: 1.00 m

	Part-No.	Kg	Unit	Euro
can be extended to 2.50 m, red / white	35500	12.0 <sup>B</sup>	1	140.00
can be extended to 3.50 m, red / white	35510	14.0 <sup>B</sup>	1	154.00
can be extended to 2.50 m, yellow / black	35500-l	12.0 <sup>B</sup>	1	140.00
can be extended to 3.50 m, yellow / black	35510-l	14.0 <sup>B</sup>	1	154.00

Building site installation

Barrier free construction site



## Accessories bag for folding barrier

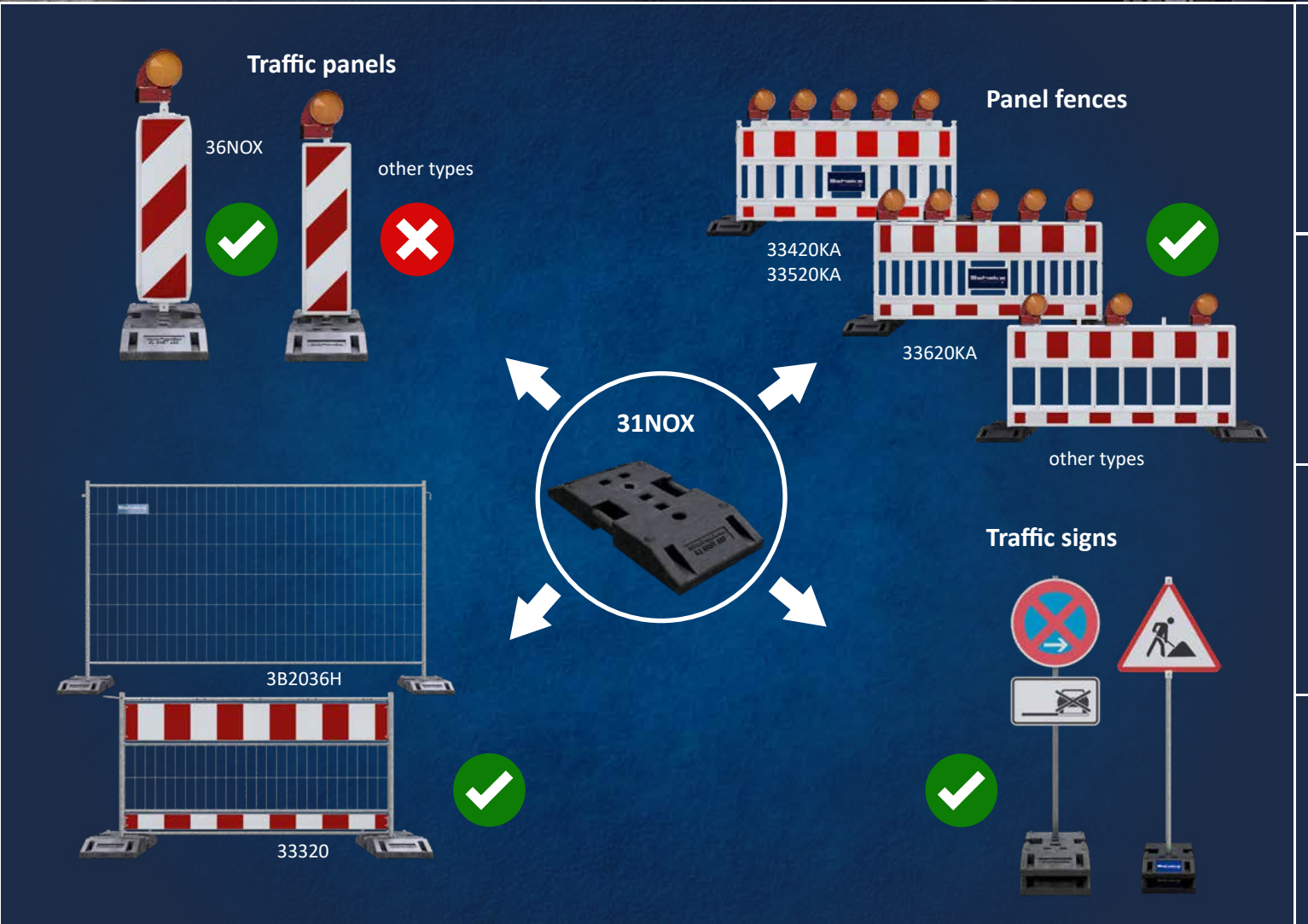
consists of: 2 x adapter 35500A, 2 x clip 35500S, 4 x roll 35500R and 2 sets of screws

Part-No.	Kg	Unit	Euro
35500Z	2.0 <sup>A</sup>	1	29.80

# Base plate



Traffic safety  
Infrastructure building  
Mobile fence  
Formwork



Building support safety  
Storage - transport  
Building site installation  
Barrier free construction site



### TL base plate acc. to K1 Type NOX

for installation of panel fences, shaft tubes, traffic panels or mobile fences, made of recycled plastic material, with side carrying handles for easy handling, pockets:

1 x 40 x 40 mm

1 x 60 x 60 mm

3 x 40 x 40 mm and  $\varnothing$  42 mm combined

1 x  $\varnothing$  48 mm

size: width: 400 mm, length: 850 mm, height: 120 mm



	Part-No.	Kg	Unit	Euro
with insert for BAST traffic panel	31NOX	30.0 s	30	32.50
without insert for BAST traffic panel	31NOX-0	30.0 s	30	24.80



### TL base plate acc. to K1

for installation of panel fences, shaft tubes, traffic panels or mobile fences, made of recycled plastic material, with side carrying handles for easy handling, pockets:

1 x 40 x 40 mm,

1 x 60 x 60 mm

2 x  $\varnothing$  42 mm,

size: width: 400 mm, length: 800 mm, height: 120 mm

	Part-No.	Kg	Unit	Euro
plastic recycling	31991	28.0 s	30	21.30

**Tested acc. to: TL Device installation identification K1,  
Complies with ZTV-SA requirements**



### TL base plate acc. to K1

for installation of panel fences, shaft tubes, or traffic panels, made of recycled plastic material, with side carrying handles for easy handling, pockets:

1 x 40 x 40 mm

1 x 60 x 60 mm

2 x  $\varnothing$  42 mm

1 x  $\varnothing$  48 mm

size: width: 380 mm, length: 750 mm, height: 130 mm

	Part-No.	Kg	Unit	Euro
plastic recycling	31991-0	28.0 s	30	21.30

**Tested acc. to: TL Device installation identification K1,  
Complies with ZTV-SA requirements**

**i Also available with individual logo-sign or impressed logo!**



## Safe stand according to TL

The elements to be supported by device installations are different by area size and arrangement and the installation site; different wind loads must be considered inside or outside towns. Selected safety classes Kx with the respective test forces are listed for different requirements in the table below.

Safety class	K 1	K 2	K 3	K 4	K 5	K 6	K 7	K 8	K 9
Test force P [N]	120	240	360	480	600	720	960	1080	1920

Base plates, base plate supports and stands are assigned to a class according to their stability.



**TL base plate acc. to K1 approx. 38 kg**

pockets:  
 5 x 40 x 40 mm and  $\varnothing$  42 mm combined  
 1 x 60 x 60 mm  
 1 x  $\varnothing$  48 mm  
 size: width: 420 mm, length: 770 mm, height: 100 mm

	Part-No.	Kg	Unit	Euro
plastic recycling	31994	38.0 s	20	34.50



**Base plate 25 kg**

for installation of barrier fences, shaft tubes, traffic panels or mobile fences, made of recycled plastic material, with side carrying handles for easy handling, pockets:  
 1 x 40 x 40 mm  
 1 x 60 x 60 mm  
 2 x  $\varnothing$  42 mm  
 size: width: 400 mm, length: 800 mm, height: 100 mm

	Part-No.	Kg	Unit	Euro
plastic recycling	31993	25.0 s	30	21.30



**Traffic panel stand base plate 12 kg**

for setting up traffic panels, made of recycled plastic material, size: width: 400 mm, length: 400 mm, height: 100 mm

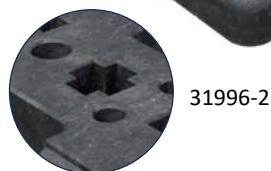
	Part-No.	Kg	Unit	Euro
with pocket 60 x 60 mm	38000	12.0 s	60	18.30
with pocket 40 x 40 mm	38040	12.0 s	60	18.30



**Multifoot plate 20kg**

for versatile applications for setting up barrier fences, mobile fences, shaft tubes, city and flat traffic panels, made of recycled plastic, with carrying handles on the sides for practical handling, Dimensions: width: 400 mm, length 600 mm, height 100 mm

**9 pockets:**  
 1 x 60 x 60 mm  
 2 x 40 x 40 mm  
 2 x  $\varnothing$  35 mm  
 1 x  $\varnothing$  50 mm  
 1 x slot 8 x 230 mm  
 1 x slot 6 x 230 mm



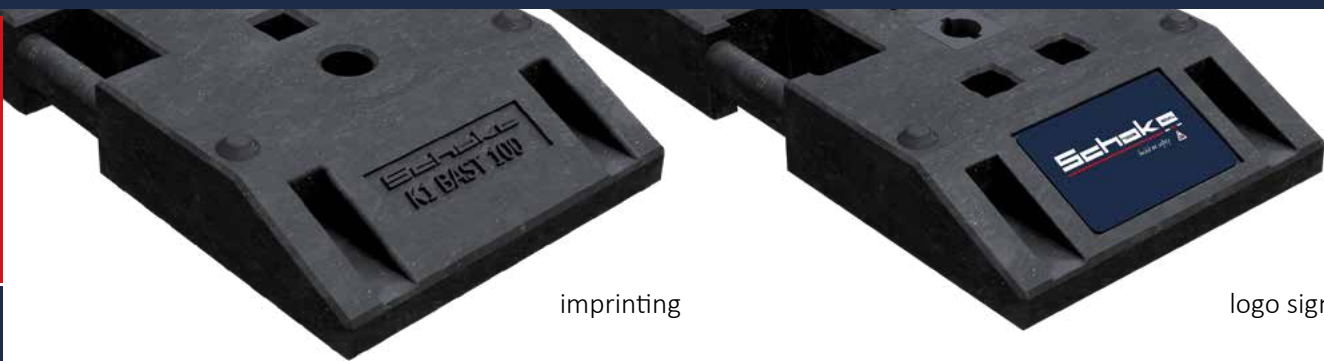
	Part-No.	Kg	Unit	Euro
with further 60 x 60 mm	31996-1	20.0 s	40	21.00
with cross pocket 80 x 40 mm	31996-2	20.0 s	40	21.00



**Trolley for base plates**

Trolley with inflatable tires for easy handling of base plates part-no. 31NOX by underriding the carry handle

	Part-No.	Kg	Unit	Euro
galvanized	51903	15.5	1	145.00



imprinting

logo sign

### Advertising space for base plates

Our base plates can be customised for your advertising purposes. You have the choice of whether you want to provide the base plate with a logo plate or an imprinted logo. These options serve as a cost-effective advertising space that leaves a lasting impression.

The imprinted logo can be applied to all base plates that are made of recycled plastic and from our range.

The logo signs fit the TL base plates 31NOX, 31NOX-0 and 31991.

	Part-No.	Kg	Unit	Euro
logo sign	FPS-Logo	0.1 <sup>A</sup>	30	3.50
imprinting	on request	0.1 <sup>A</sup>		475.00

### Stacking pallet

standpipes and crossbars made from 50 x 50 mm square tube with welded nut in the lower middle square tube, the 3 threaded rods supplied lock the base plates securely onto the pallet for transport.



	Part-No.	Kg	Unit	Euro
<b>for 21 base plates</b>				
dimensions: 1.40 m x 0.73 m x 1.06 m				
painted	50381-0	38.9 <sup>B</sup>	1	215.00
galvanized	50381V-0	38.9 <sup>B</sup>	1	229.00
<b>for 30 base plates</b>				
dimensions: 1.40 m x 0.73 m x 1.31 m				
painted	50381-115-0	42.2 <sup>B</sup>	1	235.00
galvanized	50381V-115-0	42.2 <sup>B</sup>	1	249.00

### Storage and transport tie-bars for base plates

suitable for holding max. 30 K1 base plates of any common producer in combination with storage and transport pallet for panel fences, stackable (part-no. 32000, page 25)



	Part-No.	Kg	Unit	Euro
galvanized	3B214	85.0 <sup>B</sup>	1	595.00

# Warning light



Traffic safety

Infrastructure building

Mobile fence

Formwork



Building support safety

Storage - transport

Building site installation

Barrier free construction site





### Building site warning light

with LED technology, constant flashing light, two-sided, optics  $\varnothing$  180 mm, with holder and battery box, for 2 x 6 volt batteries, with automatic dusk-to-dawn function

	Part-No.	Kg	Unit	Euro
yellow optical system	31211G	1.1 <sup>A</sup>	10	16.50
red optical system	31211R	1.1 <sup>A</sup>	10	16.50



### Mobil fence lamp

Red case, metal bracket included for attachment to pipes/spigots. Additional ring for attachment to for example lamp posts. According to **ZTV-SA 97** 5.10.10 Construction fences / **RSA 21** 3.5.4 Warning lights.

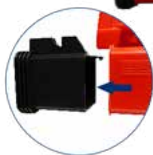
	Part-No.	Kg	Unit	Euro
yellow 360° lense	31210G	1.0 <sup>A</sup>	5	15.20
red 360° lense	31210R	1.0 <sup>A</sup>	5	15.20



### Signal light for traffic panels PowerNox

with LED technology, for mounting on safety traffic panels and barrier fences, for one-side or double-side safety of multi-lane roads and motorways, with integrated battery box and dusk-to-dawn function, color: red **BAST tested**

	Part-No.	Kg	Unit	Euro
light exits on one side, yellow	33NOXG1	1.0 <sup>A</sup>	10	32.10
light exits on both sides, yellow	33NOXG2	1.0 <sup>A</sup>	10	32.10
light exits on one side, red	33NOXR1	1.0 <sup>A</sup>	10	32.10
light exits on both sides, red	33NOXR2	1.0 <sup>A</sup>	10	32.10



**bast**  
Bundesanstalt für  
Straßenwesen



Please ask for individual colors and logo-options

### Spare key

for building site warning light  
with hex-wrench and double-plug, incl. pin for turning on and off

	Part-No.	Kg	Unit	Euro
plastic	31211S	0.1 <sup>A</sup>	10	1.90





## Battery disposal

We offer you the option of bringing empty batteries to us, which we will then dispose of them properly and process them further.

The batteries will be separated from mechanics and then shredded. The recovered metals are then sent to the local metal recycling. The black mass from the batteries goes into a pyrometallurgical process. There, the carbon is used as an energy source and the metals are recovered as raw materials.

When disposing of the batteries, care is taken to high metal yield.

This has a positive effect on recycling efficiency.



### Block battery 6V / 7AH (7000 milliampere-hours)

high load, constant light for up to 280 hrs.,  
flashing light up to 1850 hrs.

	Part-No.	Kg	Unit	Euro
zinc-carbon battery	3B37	0.5 <sup>A</sup>	24	3.15



### Block battery 6V / 50 AH

high load, constant light for up to 1.960 hrs.,  
flashing light up to 12.950 hrs.

	Part-No.	Kg	Unit	Euro
zinc battery	3B50	0.7 <sup>A</sup>	12	16.50



### Battery box

suitable for 2 x 6 volt batteries

	Part-No.	Kg	Unit	Euro
plastic	3B30	0.5 <sup>A</sup>	1	53.90



### Signal light for traffic panels PowerNox with radio frequency

for connection in series with integrated transmitter and built-in antenna (receiver) for mounting on safety traffic panels and panel fences, with LED technology, constant flashing light, one-sided yellow optics Ø 180 mm with dusk-to-dawn function approved for highways and all other streets, with lateral battery box

**BAST tested**

Every signal light can be used as transmitter,  
the order is determined by turning on the respective light

	Part-No.	Kg	Unit	Euro
light exits on one side, yellow	33NOX-R	1.0 <sup>A</sup>	10	84.20



with radio frequency

Traffic safety



**Warning sign holder**

for use in road traffic, traffic signs can be fastened by bolts, for round traffic signs up to Ø 750 mm, for triangular traffic signs up to 900 mm, a holder for a warning flag is also available, the sign holder is collapsible for simple, space-saving transport

	Part-No.	Kg	Unit	Euro
galvanized	35100V	10.0 <sup>A</sup>	5	57.40

Infrastructure building



**Sign holder acc. to TL type „City“**

for shaft tubes of 40 mm x 40 mm. Several tubes can be held securely by an adjusting screw. A hole in the vertical bar is provided so the holders can be moved by crane. 4 welded feet under the base frame add stability to the sign holder. Up to 4 base plates can be held. The base plates are put on the vertical bar, to secure a safe fixation. Dimensions: 1200 mm x 450 mm.

Weight class K4. For installation, please refer to ZTV-SA

	Part-No.	Kg	Unit	Euro
galvanized	35304	16.4 <sup>B</sup>	5	103.00

Mobile fence



Formwork



**Sign holder acc. to TL type „Provinz“**

for shaft tubes of 40 mm x 40 mm without screwing. 4 welded feet under the base frame add stability to the sign holder. Up to 4 base plates can be held.

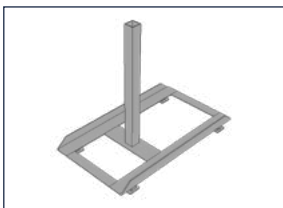
The base plates are put on the vertical bar, to secure a safe fixation.

Dimensions: 810 x 450 mm

Weight class K4. For installation, please refer to ZTV-SA

	Part-No.	Kg	Unit	Euro
galvanized	35304-1	14.0 <sup>B</sup>	5	96.40

Building support safety



Storage - transport



**Sign holder acc. to TL type „Road“**

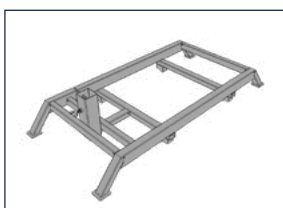
for shaft tubes of 40 mm x 40 mm and 60 mm x 60 mm. The shaft tubes can be held securely by 2 adjusting screws. Up to 4 base plates can be held. The ground clearance of approx. 90mm allows for a quick handling, including assembly. For stable positioning the base frame stands on 4 points which can be expanded with part-no. 35301F so that the point loading is minimized and the floor does not suffer from pressure marks even after long standing periods.

Dimensions: 1300 x 600 mm

Weight class K4. For installation, please refer to ZTV-SA

	Part-No.	Kg	Unit	Euro
galvanized	35304-2	17.4 <sup>B</sup>	5	120.00

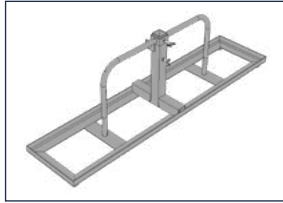
Building site installation



Barrier free construction site



**i** The shown base plates are not part of the delivery. Please order separately. Please find our whole product range of feet on pages 36-37.



## Sign holder acc. to TL type „Street“

for shaft tubes of 40 mm x 40 mm and 60 x 60 mm. The shaft tubes can be held securely by 2 adjusting screws. Can be moved by crane by welded lug. 4 welded feet under the base frame add stability to the sign holder. Up to 8 base plates can be held, 4 pcs each side. The base plates are fixed by a bracket. Dimensions: 1920 x 450 mm  
Weight class K8. For installation, please refer to ZTV-SA

	Part-No.	Kg	Unit	Euro
galvanized	35301	23.0 <sup>B</sup>	5	197.00



## Sign holder acc. to TL type „Highway“

for shaft tubes of 40 mm x 40 mm and 60 mm x 60 mm. The shaft tubes can be held securely by 2 adjusting screws. Up to 8 base plates can be held. Vertical tube foldable, set up with big safety hoops which give the sign holder extra stability for suitable storing and minimalized transport volume. The ground clearance of approx. 90 mm allows for a quick handling, including assembly. For stable positioning the base frame stands on 4 points which can be expanded with part-no. 35301F so that the point loading is minimized and the floor does not suffer from pressure marks even after long standing periods. Dimensions: 2150 x 620 mm  
Weight class K8. For installation, please refer to ZTV-SA



	Part-No.	Kg	Unit	Euro
galvanized	35301-1	34.5 <sup>B</sup>	5	240.00



## Sign holder acc. to TL type „Crossing“

for shaft tubes of 40 mm x 40 mm and 60 x 60 mm. The shaft tubes can be held securely by 2 adjusting screws. Can be moved by crane by welded lug. 4 welded feet under the base frame add stability to the sign holder. Dimensions: 880 x 990 mm  
Weight class K8. For installation, please refer to ZTV-SA

	Part-No.	Kg	Unit	Euro
galvanized	35304S	33.0 <sup>B</sup>	5	201.00



## Holder for feet

	Part-No.	Kg	Unit	Euro
galvanized	35301NH	2.0 <sup>A</sup>	1	23.00



## Shoe for sign holder

reduces the point loading on sensitive ground, hot asphalt, muddy or earth roads, shoes can be mounted below the welded feet on holders 353041-1 and 35301-1 without tools, shoe holds by shape of feet and is easy to remove by lifting the holder.

	Part-No.	Kg	Unit	Euro
galvanized	35301-F	1.0 <sup>A</sup>	4	16.10

Traffic safety



**Concrete set up device**

made for versatile use for traffic signs, portable by crane and forklift, stackable, including hole 60 x 60 mm and 4 threaded bolts for mounting, different adaptations for individual use, optional use with part-no. 70670N

	Part-No.	Kg	Unit	Euro
800 x 800, height 490 mm, 600 Kg	3F120	600.0 <sup>s</sup>	1	460.00
900 x 900, height 600 mm, 1000 Kg	3F121	1000.0 <sup>s</sup>	1	555.00

Infrastructure building



**i** Please ask for individual painting in RAL-colors!

Mobile fence



**Logo sign / warning sign for concrete set up device**

with individual printing, 4-colour digital printing or as warning sign, with RA1/A foil, 3 mm thickness, with perforations for fastening to the concrete set up device (incl. fixing material), dimensions: 590 x 140 x 3 mm

	Part-No.	Kg	Unit	Euro
plastic	ASV-LOGO	0.5 <sup>A</sup>	24	16.20
plastic with film type RA1/A	ASV-605	0.5 <sup>A</sup>	24	17.40

Formwork



**Adaptation for concrete set up device**

with holes for 40 x 40 mm and 60 x 60 mm square tubes or round tubes, sign tubes can be fixed by 4 screws

	Part-No.	Kg	Unit	Euro
galvanized	3F120-1	4.0 <sup>A</sup>	1	52.70

Building support safety



**Adaptation for concrete set up device, foldable**

with holes for 40 x 40 mm and 60 x 60 mm square tubes or round tubes, sign tubes can be fixed by 4 screws

	Part-No.	Kg	Unit	Euro
galvanized	3F120-1K	7.0 <sup>A</sup>	1	110.00

Storage - transport

Building site installation



**Swivel base jack**

for uneven ground, to ensure assembling according to rules, the easy insertion of swivel base jacks enables a horizontal assembly adjustment for height: 100 - 375 mm  
base plate: 150 x 150 mm

	Part-No.	Kg	Unit	Euro
galvanized	70670N	2.5 <sup>A</sup>	4	42.40

Barrier free construction site



### Cable top

for mounting on e.g. traffic sign rack (part-no. 35360), support for 50 x 50 mm or 60 x 60 mm tube posts, for laying of cable harnesses for driving underneath

	Part-No.	Kg	Unit	Euro
galvanized	35362	2.4 <sup>A</sup>	10	34.50

### Traffic sign rack

for traffic signs of square tube, galvanized, 60 mm x 60 mm, 1.50 m long, respectively 50 mm x 50 mm, 3.00 m long, welded at a total length of 4.50 m

	Part-No.	Kg	Unit	Euro
galvanized	35360	21.0 <sup>D</sup>	10	105.00

### Cable routing mast set

consisting of:

- 1 x concrete set up device (part-no. 3F120)
- 1 x traffic sign rack (part-no. 35360)
- 1 x cable top (part-no. 35362)

	Part-No.	Kg	Unit	Euro
	35362-SET	1026.0 <sup>D</sup>	10	580.00



### Sign holder

for signtube 50 mm x 50 mm, for traffic sign max. 40 mm depth, incl. locking screws

	Part-No.	Kg	Unit	Euro
galvanized	35361	3.0 <sup>A</sup>	20	29.90



### Lattice tower for concrete set up device

with welded base plates on the  $\varnothing 48 \times 3.2$  mm, standpipes for mounting on adapter plate part-no. 3F120-2, (to be used in combination with the concrete set up device), cross tubes / diagonal spars 26 mm, lattice towers are suitable for traffic light installations and large signposts, without concrete set up device and adapter plate, total length: 5.35 m



	Part-No.	Kg	Unit	Euro
galvanized	353016	73.0 <sup>D</sup>	1	660.00



### Adapter plate for lattice tower and concrete set up device

for connection to concrete set up device part-no. 3F120 and 3F121 incl. fixing material

	Part-No.	Kg	Unit	Euro
galvanized	3F120-2	33.0 <sup>B</sup>	1	259.00



### Lattice tower SET 1

consisting of:

- 1 x concrete set-up device (part-no. 3F121)
- 1 x adaptation plate for lattice tower (part-no. 3F120-2)
- 1 x lattice tower (part-no. 353016)

	Part-No.	Kg	Unit	Euro
	353016-SET	1100.0 <sup>D</sup>	1	1430.00



Traffic safety

Infrastructure building

Mobile fence

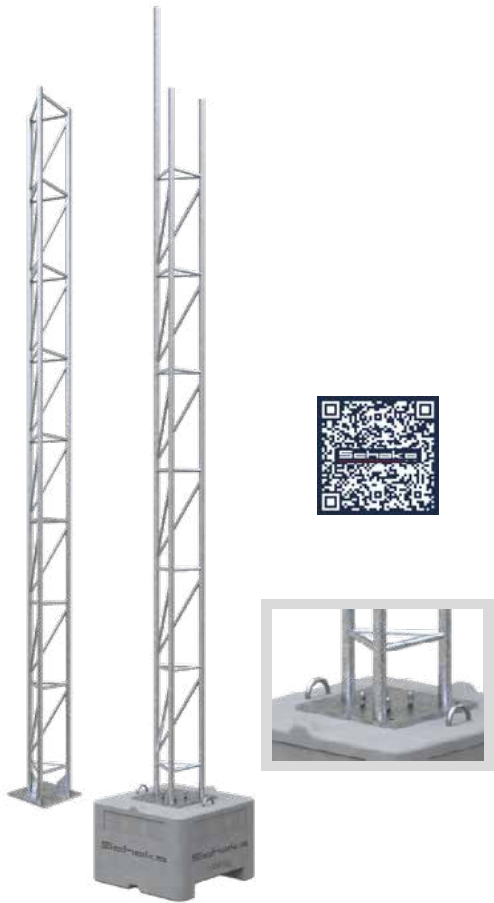
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Lattice tower for set up frames**

with welded base plate 450 x 450 mm including drillings for the for mounting on the frame part-no. 35350, welded from Ø 48 standpipes and cross tubes / diagonal spars 26 mm, lattice towers suitable for traffic lights and large signage Statics with set up frame available, without concrete set up device

	Part-No.	Kg	Unit	Euro
total length: 6150 mm, galvanised, Ø 48 x 3,2 mm, incl. extended tube	353017	110.0	1	815.00

total length: 6000 mm, galvanised, Ø 48 x 5,0 mm	353019	178.0	1	1400.00
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**Lattice tower SET 2**

consisting of:  
 1 x concrete set-up device (part-no. 3F121)  
 1 x lattice tower (part-no. 353017)

Part-No.	Kg	Unit	Euro
353017-SET	1100.0	1	1330.00

**Steel lattice girder 450**

System-independent - whether for bridging, surface scaffolding, roof constructions, platforms - the lattice girder is used in innumerable practical applications. Highly loadable, robust, hot-dip galvanised and durable, made of galvanized round tube Ø 48.3 mm, wall thickness: 3.25 mm, Overall height: 450 mm, axial dimension: 400 mm

length:	Part-No.	Kg	Unit	Euro
3200 mm	353216	30.9	1	222.00
4200 mm	354216	39.9	1	297.00
5200 mm	355216	49.0	1	353.00
6200 mm	356216	58.1	1	402.00
7300 mm	357216	67.9	1	500.00

**Rotary coupler**

Rotary coupler BB, to assemble scaffold tubes, lattice beams and similar, incl. collar nut and hammer-head screw, metric thread SW22

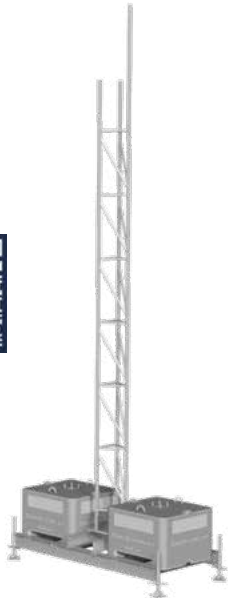
	Part-No.	Kg	Unit	Euro
galvanized	3F120-5	1.3	1	9.30

**Set up frame for concrete set up device**

robust set-up frame, galvanised, approved for use in traffic, equipped with part-no. 3F121 concrete set-up device, 2 or 4 times depending on the requirements, for bridges, self-supporting cantilever beams or usable as traffic light or sign holder (request structural engineering if needed)

	Part-No.	Kg	Unit	Euro
galvanized	35350	192.0	1	1870.00





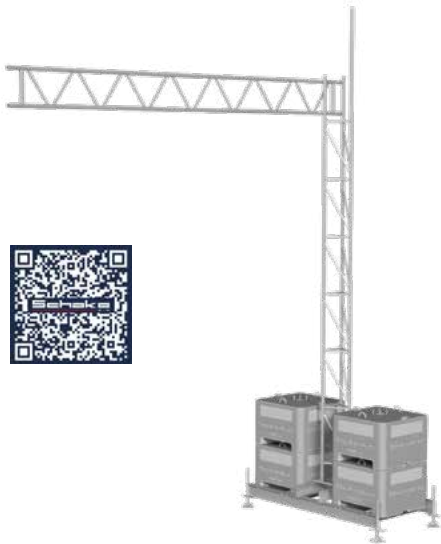
### Set up device for lattice tower

consisting of:

- 1 x set up frame for concrete set up device (part-no. 35350), unmounted
- 2 x concrete set up device 1000 kg (part-no. 3F121)
- 1 x lattice tower 350, galvanized, 6.15 m (part-no. 353017)

Part-No.	Kg	Unit	Euro
35350-SETM	2300.0 ▽	1	3680.00

**i** including statics



### Set up device for lattice tower with cantilever arm

consisting of:

- 1 x set up frame for concrete set up device (part-no. 35350), unmounted
- 4 x concrete set up device 1000 kg (part-no. 3F121)
- 1 x lattice tower 350, galvanized, 6.15m (part-no. 353017)
- 4 x rotary coupler BB, hot-dip galvanized (part-no. 3F120-5)
- 1 x steel lattice girder 450, (part-no. depending on length)

	Part-No.	Kg	Unit	Euro
steel lattice girder 3200 mm	35350-SETF3	4340.0 ▽	1	5010.00
steel lattice girder 4200 mm	35350-SETF4	4350.0 ▽	1	5080.00
steel lattice girder 5200 mm	35350-SETF5	4360.0 ▽	1	5140.00

**i** including statics



### Set up device bridge

consisting of:

- 2 x set up frame for concrete set up device (part-no. 35350), unmounted
- 8 x concrete set up device 1000 kg (part-no. 3F121)
- 2 x lattice tower 350, galvanized, 6.15m (part-no. 353017)
- 8 x rotary coupler BB, hot-dip galvanized (part-no. 3F120-5)
- 1 x steel lattice girder 450, part-no. depending on length

	Part-No.	Kg	Unit	Euro
steel lattice girder 5200 mm	35350-SETB5	8665.0 ▽	1	9930.00
steel lattice girder 6200 mm	35350-SETB6	8680.0 ▽	1	9980.00
steel lattice girder 7300 mm	35350-SETB7	8690.0 ▽	1	10070.00

**i** including statics







### Sign holder type L

steel construction with telescoping inner tubes, pivotable feet and plate tube with 2 clamps for holding signs. Simple fixing of signs without separate shaft tube. Extension length: 2.10 – 2.90 m.

	Part-No.	Kg	Unit	Euro
galvanized	35300	11.0 <sup>B</sup>	10	74.30

### Ground peg type L1

drive-in shaft tube of  $\varnothing$  42 mm round tube with welded tip, including plate tube with 2 clamps for holding signs. Simple fixing of signs without separate shaft tube. Extension length: 2.10 – 2.90 m.

	Part-No.	Kg	Unit	Euro
galvanized	35312	10.0 <sup>B</sup>	20	61.10

### Ground peg type standard 40 acc. to TL

for inserting 40 mm x 40 mm shaft tubes and  $\varnothing$  42 mm shaft tubes. Sharpened T-profile, with welded plate for driving the peg into the ground. Troughed sheet protects the peg from torsion. Driving depth: 490 mm

	Part-No.	Kg	Unit	Euro
galvanized	35302	5.0 <sup>A</sup>	10	41.40

### Ground peg type standard 60 acc. to TL

for inserting 60 mm x 60 mm shaft tubes and  $\varnothing$  60 mm sign poles. Sharpened T-profile, with welded plate for driving the peg into the ground. Troughed sheet protects the peg from torsion. 2 adjusting screws hold the shaft tube in the peg. Driving depth: 460 mm

	Part-No.	Kg	Unit	Euro
galvanized	35303	8.0 <sup>A</sup>	10	47.60

### Ground peg type N1

for inserting round tubes up to  $\varnothing$  50 mm. Sharpened T profile, with welded plate for driving the peg in the ground. 2 cross tubes protect the peg from torsion. A wedge clamps the round tube in the peg

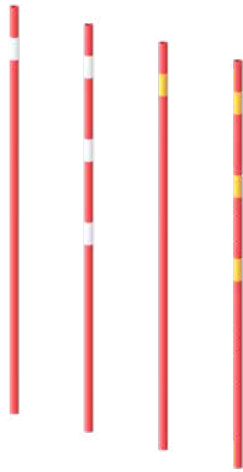
	Part-No.	Kg	Unit	Euro
galvanized	35308N	11.0 <sup>A</sup>	10	31.30

### Ground peg type S

massive type of 40 mm round steel, with head for driving the peg into the ground, for 40 mm x 40 mm and 60 mm x 60 mm shaft tube, incl. hexagon socket screws for securing the shaft tubes, 2 hoops for extraction are welded for an easier deplacing of signage

	Part-No.	Kg	Unit	Euro
powder-coated in black	35309S	19.0 <sup>A</sup>	10	142.00





## Snow pole

for demarcation of traffic routes in case of snowfall, plastic barn pole Ø42mm, height above ground approx. 2.0 m, incl. reflective stripes, for fixing in the ground, galvanized hammers Ø14 mm are put into the ground and the plastic tube is inserted into the eyelets.

	Part-No.	Kg	Unit	Euro
1 white stripe	3902W1	3.0 <sup>B</sup>	10	33.80
3 white stripes	3902W3	3.0 <sup>B</sup>	10	36.00
1 yellow stripe	3902G1	3.0 <sup>B</sup>	10	33.80
3 yellow stripes	3902G3	3.0 <sup>B</sup>	10	36.00

## Impact iron for snow bar

with forged tip, incl. retaining rings with allen screw, length 800 mm, diameter 14 mm

Part-No.	Kg	Unit	Euro
301407V	1.5 <sup>A</sup>	10	15.50

## Crash barrier holder Type 1

galvanized steel, for mounting on crash barrier posts „Sigma“ and for intaking shaft tubes 40 mm x 40 mm and 60 mm x 60 mm shaft tubes are fixed by hexagon socket tubes

Part-No.	Kg	Unit	Euro	
galvanized	35313-40	6.5 <sup>A</sup>	10	66.00

## Crash barrier holder Type 2

galvanized steel, for intaking shaft tubes 40 mm x 40 mm and 60 mm x 60 mm, fixed on crash barrier post (Super-Rail, Sigma, IPE 100) by inserted nuts **tested acc. to TL 97**

Part-No.	Kg	Unit	Euro	
galvanized	35315	7.8 <sup>A</sup>	10	71.10

## Crash barrier holder Type 3 with sideward beams

galvanized steel, for mounting on crash barrier (Super-Rail, Sigma, IPE 100) and for intaking shaft tubes 40 mm x 40 mm and 60 mm x 60 mm, with sideward beam (length ca. 800 mm) for installation out of the traffic area, **tested acc. to TL 97**

Part-No.	Kg	Unit	Euro	
galvanized	35314	18.0 <sup>B</sup>	10	190.00

## Fixing clamp for concrete guide walls

applicable for clamping ranges of 22 - 34 cm, leg length approx. 40 cm, fixing by means of wing nut on rolling threaded rod, steel construction with 2 pipe sockets for mobile or panel fences

Part-No.	Kg	Unit	Euro	
galvanized	35340	7.0 <sup>A</sup>	1	98.00

Traffic safety

Infrastructure building

Mobile fence

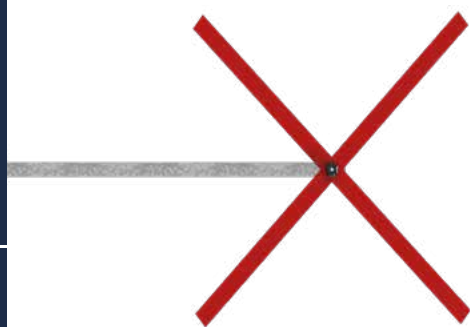
Formwork

Building support safety

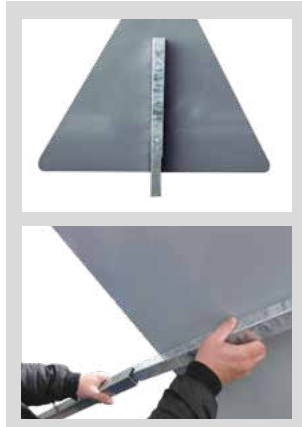
Storage - transport

Building site installation

Barrier free construction site



**i** Further dimensions available on request



**Crossing out**

made of sturdy aluminium profiles with RA2 foil incl. outrigger made of galvanised square tube connected with a locking screw, for fixed position on the traffic sign, the cross-out device is fixed to the traffic sign with a special clamping device without damaging the foil on the traffic sign. The cross-out clearly overrides the traffic sign. The legs of the cross can be adjusted in angle and the extension arm in length as desired.

**Extension tube 30 x 30 mm and 50 mm leg width with RA2/B film**

	Part-No.	Kg	Unit	Euro
length: 650 mm, extension arm length: 800 mm	3537506	2.9 <sup>A</sup>	1	87.00
length: 800 mm, extension arm length: 1500 mm	3537508	5.4 <sup>B</sup>	1	105.00
length: 1200 mm, extension arm length: 1500 mm	3537512	6.0 <sup>B</sup>	1	128.00

**Extension tube 40 x 40 mm and 80 mm leg width with RA2/B film**

	Part-No.	Kg	Unit	Euro
length: 1500 mm, extension arm length: 1500 mm	3537815	9.0 <sup>B</sup>	1	162.00
length: 2000 mm, extension arm length: 2000 mm	3537820	12.0 <sup>C</sup>	1	178.00
length: 3000 mm, extension arm length: 2500 mm	3537830	16.0 <sup>C</sup>	1	225.00

**Clamping device for cross-outs**

suitable for all common all-form signs up to 60 mm depth made of a very stable steel construction, which guarantees a very safe erection of crossings. Due to the solid construction, the assembly does not require any tools.

	Part-No.	Kg	Unit	Euro
holder for 30 x 30 mm tube	35370	3.4 <sup>A</sup>	1	78.50
holder for 40 x 40 mm tube	35371	3.5 <sup>A</sup>	1	98.00

**Adapter for signs**

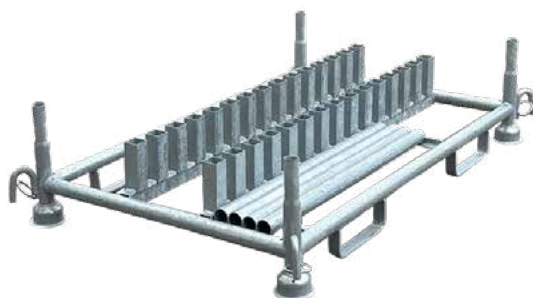
for insertion of shaft tube 40 mm x 40 mm, total length 560 mm, including 2 screws for fastening signs, can be fixed on sign and inserted in the shaft tube

	Part-No.	Kg	Unit	Euro
length: 410 mm	35304A	2.0 <sup>A</sup>	10	14.60
length: 1600 mm	35316A	2.0 <sup>B</sup>	10	23.50

**Stacking pallet for signs**

for 30 signs, made of Ø 48.3 mm x 3.2 mm round tube, the signposts can be easily inserted with the screwed-on adapters (part-no. 35304A / 35316A), for easy loading and unloading and compact storage, the uprights are removable, the mounting spigots prevent the signs from slipping during transport. Dimensions: length 1650 mm, width: 1100 mm height: 1200 mm

	Part-No.	Kg	Unit	Euro
galvanized	50190	69.0 <sup>B</sup>	1	555.00





## TL shaft tube

galvanized, made of square tube 40 mm x 40 mm, tested acc. to TL-Device installation

	Part-No.	Kg	Unit	Euro
length: 1.30 m	34013	2.5 <sup>A</sup>	25	11.90
length: 2.00 m	34020	4.0 <sup>B</sup>	25	17.10
length: 2.50 m	34025	5.0 <sup>C</sup>	25	21.30
length: 3.00 m	34030	6.0 <sup>C</sup>	25	25.40
length: 3.50 m	34035	7.0 <sup>C</sup>	25	31.10

galvanized, made of square tube 60 x 60 mm

	Part-No.	Kg	Unit	Euro
length: 3.00 m	34630	11.9 <sup>C</sup>	25	62.10
length: 4.00 m	34640	15.9 <sup>D</sup>	25	71.30
length: 5.00 m	34650	19.9 <sup>D</sup>	25	80.70

## Shaft tube ALU

aluminium square tube 40 mm x 40 mm, TL proved

	Part-No.	Kg	Unit	Euro
length: 2.00 m	34020A20	1.7 <sup>B</sup>	25	19.40
length: 2.50 m	34025A20	2.0 <sup>C</sup>	25	27.10
length: 3.00 m	34030A20	2.4 <sup>C</sup>	25	28.70
length: 3.50 m	34035A20	3.0 <sup>C</sup>	25	36.20

## Shaft tube

galvanized, made of round tube, Ø 42 mm

	Part-No.	Kg	Unit	Euro
length: 1.30 m	34213	2.5 <sup>A</sup>	25	11.40
length: 2.00 m	34220	4.0 <sup>B</sup>	25	16.50
length: 2.50 m	34225	5.0 <sup>C</sup>	25	20.60
length: 3.00 m	34230	6.0 <sup>C</sup>	25	25.60

galvanized, made of round tube, Ø 48 mm

	Part-No.	Kg	Unit	Euro
length: 1.30 m	34813	3.6 <sup>A</sup>	25	13.40
length: 2.00 m	34820	4.5 <sup>B</sup>	25	20.20
length: 2.50 m	34825	5.7 <sup>C</sup>	25	24.50
length: 3.00 m	34830	6.8 <sup>C</sup>	25	30.60
length: 3.50 m	34835	8.0 <sup>C</sup>	25	35.00
length: 4.00 m	34840	9.1 <sup>D</sup>	25	40.30

## Shaft tube, plastic

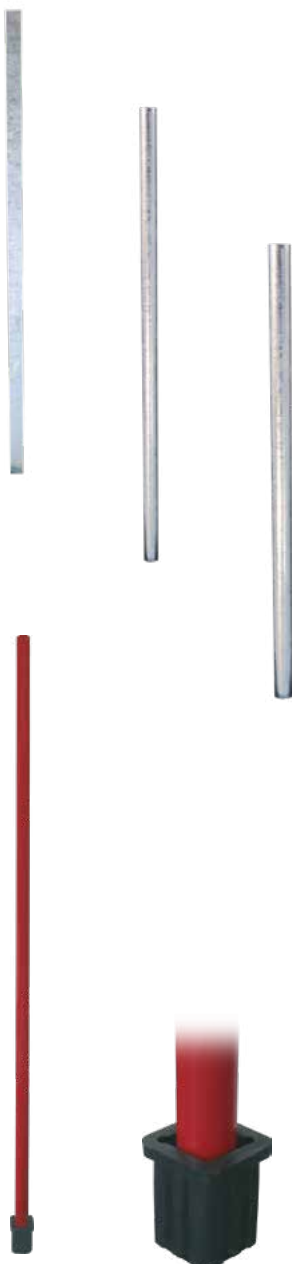
red, sturdy design Ø 42 mm, with press-fitted tube shoe

	Part-No.	Kg	Unit	Euro
length: 1.35 m	39013	1.3 <sup>A</sup>	10	18.20
length: 2.00 m	39020	1.8 <sup>B</sup>	10	24.90

## Tube shoe

made of plastic 60 mm x 60 mm, for shaft tubes 40 x 40 mm / Ø 42 mm

	Part-No.	Kg	Unit	Euro
plastic	34240	0.1 <sup>A</sup>	100	2.65



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier-free construction site



**Sign clamp**

made of plastic, suitable for square tubes 40 mm x 40 mm and round tubes  $\varnothing$  42 mm, with eyes for mounting barriers

	Part-No.	Kg	Unit	Euro
plastic	31315	0.2 <sup>A</sup>	100	3.65



**Sign clamp**

made of plastic, suitable for square tubes 40 mm x 40 mm and round tubes  $\varnothing$  42 mm

	Part-No.	Kg	Unit	Euro
plastic, red	31313	0.1 <sup>A</sup>	150	3.05
plastic, white	31313W	0.1 <sup>A</sup>	150	3.05



**Sign clamp**

suitable for square and round tubes

	Part-No.	Kg	Unit	Euro
40 x 40 mm / $\varnothing$ 42 mm	31310	0.2 <sup>A</sup>	25	2.15
60 x 60 mm / $\varnothing$ 60 mm	31316	0.2 <sup>A</sup>	25	5.30



**Sign clamp**

suitable for square tubes 40 mm x 40 mm and round tubes  $\varnothing$  42 mm, with welded hooks for mounting of barriers

	Part-No.	Kg	Unit	Euro
galvanized	31311	0.4 <sup>A</sup>	25	3.85



**Sign clamp**

suitable for square tubes 40 mm x 40 mm and round tubes  $\varnothing$  42 mm, with welded eyes for mounting of barriers

	Part-No.	Kg	Unit	Euro
galvanized	31312	0.3 <sup>A</sup>	25	3.50



## Steel tube sign post

Ø 60 mm and Ø 76 mm x 2.0 mm

with bores and ground anchor for mounting in concrete or without ground anchor for assembling with concrete basement part-no. 3F160 and 3F176  
hot-dip galvanized

Wall thickness 2 mm

Length	Ø 60 mm			Ø 76 mm		
	approx. Kg	Part-No.	Euro	approx. Kg	Part-No.	Euro
2000 mm	5.0 <sup>B</sup>	463.20	23.60	7.0 <sup>B</sup>	473.20	42.10
2500 mm	6.5 <sup>C</sup>	463.25	27.50	9.0 <sup>C</sup>	473.25	46.60
3000 mm	7.8 <sup>C</sup>	463.30	35.00	10.5 <sup>C</sup>	473.30	54.50
3500 mm	9.0 <sup>C</sup>	463.35	40.10	12.0 <sup>C</sup>	473.35	62.40
4000 mm	10.4 <sup>D</sup>	463.40	45.10	14.0 <sup>D</sup>	473.40	70.20
4500 mm	11.5 <sup>D</sup>	463.45	54.10	15.8 <sup>D</sup>	473.45	81.00



## Plastic cap

	Ø 60 mm			Ø 76 mm		
	approx. Kg	Part-No.	Euro	approx. Kg	Part-No.	Euro
	0.1 <sup>A</sup>	464.05	0.95	0.1 <sup>A</sup>	474.05	1.05



## Tube clip

tube clip for steel tubes and sign posts Ø 60 mm and Ø 76 mm  
mounting bolts incl., packed in cartons  
hot-dip galvanized

464.07

Hole pitch	Unit	Ø 60 mm			Ø 76 mm		
		approx. Kg	Part-No.	Euro	approx. Kg	Part-No.	Euro
70 mm	50	0.3 <sup>A</sup>	464.07	3.75	0.5 <sup>A</sup>	474.07	4.45
350 mm	25	0.4 <sup>A</sup>	464.35	4.65	0.6 <sup>A</sup>	474.35	5.85
500 mm	25	0.5 <sup>A</sup>	464.50	5.30	0.7 <sup>A</sup>	474.50	6.40
700 mm	25	0.6 <sup>A</sup>	464.70	6.90	0.8 <sup>A</sup>	474.70	8.15
900 mm	25	0.6 <sup>A</sup>	464.90	7.50	0.8 <sup>A</sup>	474.90	9.70



## Concrete block with ground socket incl. locking mechanism

concrete block 300 x 300 x 300 mm, with galvanized ground socket, with blocking appliance

	Part-No.	Kg	Unit	Euro
for tube Ø 60 mm	3F160	60.0 <sup>S</sup>	1	69.90
for tube Ø 76 mm	3F176	60.0 <sup>S</sup>	1	73.40





### Battens rack

stable construction made of welded steel, foldable for space-saving transportation and storing, can be locked in position with pin and cotter pin on chain, suitable for putting in wooden battens vertical into brackets, width: 750 mm, length: 1025 mm, height: 835 mm, wooden battens can be fixed with screws, hooks welded on to hang in construction site lights

	Part-No.	Kg	Unit	Euro
galvanized, for 3 battens	35306	24.0 <sup>A</sup>	28	127.30
galvanized, for 4 battens	35307	28.0 <sup>A</sup>	28	134.00



### Signal stand with lamp holder

steel construction made of round tube  $\varnothing$  33.7 mm and flat steel support made of round tube  $\varnothing$  42.4 mm x 200 mm, incl. wing screw to fix the shaft tube  $\varnothing$  33.7 mm

	Part-No.	Kg	Unit	Euro
galvanized	353041	8.0 <sup>A</sup>	25	50.40



### Shaft tubes for signal stands

made of round tube  $\varnothing$  33.7 mm  
Version: hot-dip galvanized

	Part-No.	Kg	Unit	Euro
length: 1.00 m	33710	1.6 <sup>A</sup>	25	12.10
length: 2.00 m	33720	3.2 <sup>B</sup>	25	16.30



### Sign clamp

for shaft tubes  $\varnothing$  33.7 mm, fixed by wing screw, 2 clamps for each sign (holding on the top and on the bottom) to combine with signal stand

	Part-No.	Kg	Unit	Euro
galvanized	31310S	0.5 <sup>A</sup>	25	5.30



### Batten holder

for fastening signs to batten racks, can be fixed by means of a wing screw, holds the sign to be fastened in a fixed position from above and below, 2 clamps are required per sign, is used in combination with batten racks

	Part-No.	Kg	Unit	Euro
galvanized	31311S	0.5 <sup>A</sup>	1	5.40



### Pole of concrete reinforcing steel

Ø 20 x 1400 mm

reinforcing steel with forged tip for easy driving into the ground, to secure construction areas in combination with barrier tape or battens

	Part-No.	Kg	Unit	Euro
without batten holder, painted red	302214R	3.4 <sup>A</sup>	250	9.60
<b>with batten holder, painted red / white</b>				
with 1 batten holder	302214RH1	3.6 <sup>A</sup>	250	10.90
with 2 batten holder	302214RH2	3.8 <sup>A</sup>	250	11.70
<b>with closed hooks incl. lamp holder, painted red / white</b>				
with 2 closed hooks	302214RH2G	3.9 <sup>A</sup>	250	13.00
with 3 closed hooks	302214RH3G	4.1 <sup>A</sup>	250	14.50
with 8 closed hooks	302214RH8G	4.9 <sup>A</sup>	100	21.90

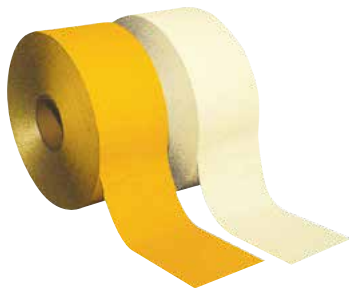
### Stand for blocking battens

made of steel tube Ø 42.4 mm x 2 mm x 990 mm, welded hoops for battens, lamp holder

	Part-No.	Kg	Unit	Euro
galvanized, with 2 hooks	11279V	2.6 <sup>A</sup>	250	14.00
galvanized, with 6 hooks	11280V	3.5 <sup>A</sup>	90	17.60
<b>with 3 hoops and lamp holder</b>				
galvanized, with 3 hooks	11279V3	2.8 <sup>A</sup>	250	14.80
galvanized, with 8 hooks	11280V8	3.9 <sup>A</sup>	90	19.10

### Marking film

for road marking, 12 cm thin-layer



	Part-No.	Kg	Unit	Euro/m
yellow, BAST tested	3M120G	4.0 <sup>A</sup>	100 m	3.70
white, BAST tested	3M120W	4.0 <sup>A</sup>	100 m	3.70

for road marking, 15 cm thin-layer

	Part-No.	Kg	Unit	Euro/m
yellow, BAST tested	3M150G	5.0 <sup>A</sup>	100 m	3.95

for road marking, 12 cm thick-layer

	Part-No.	Kg	Unit	Euro/m
yellow, BAST tested	3M121G	27.0 <sup>B</sup>	100 m	7.20

for road marking, 15 cm thick-layer

	Part-No.	Kg	Unit	Euro/m
yellow, BAST tested	3M151G	34.0 <sup>B</sup>	100 m	8.90

**i** approx. 2.5 l for a roll of 100 m  
= approx. 200-300g/m<sup>3</sup>



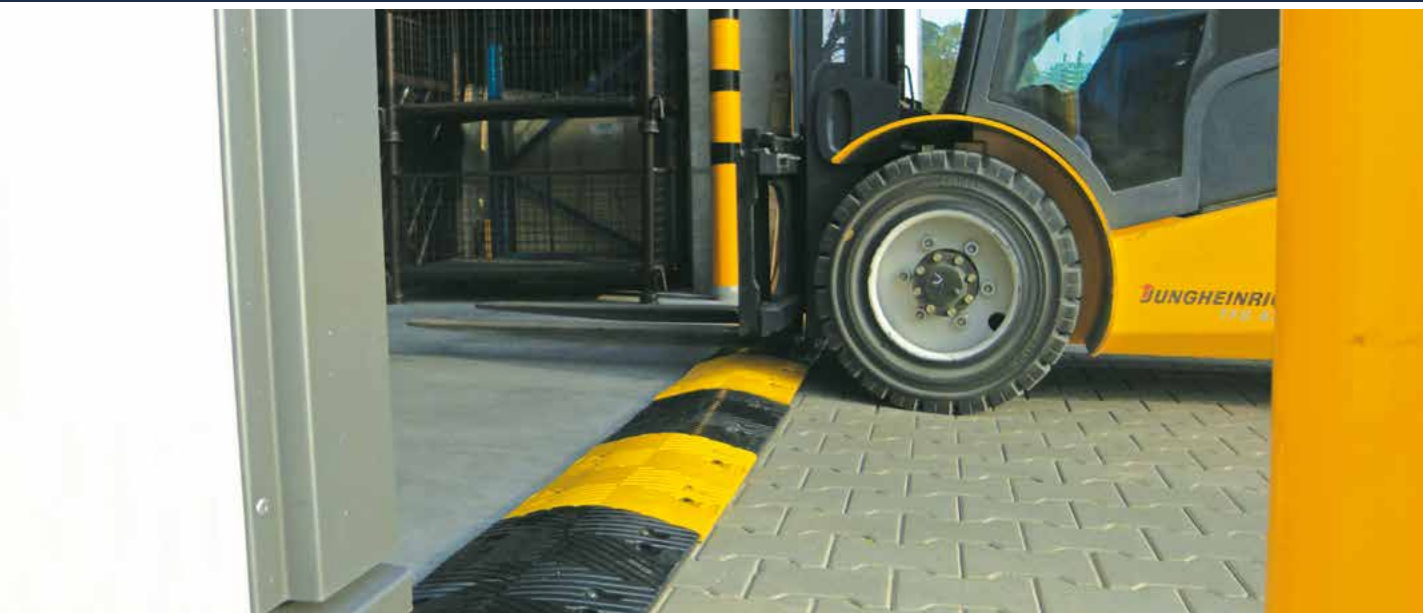
### Primer for marking film

for improved bond between road surface and marking film

(Product is subject of freight restrictions, please inquire separately)

	Part-No.	Kg	Unit	Euro
content: 7l	39113	7.0 <sup>A</sup>	1	91.90

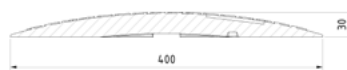




**i** Connecting spigot and cable duct only available with variants 50 mm / 60 mm

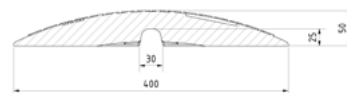
**Speed bump**

made of recycled material, 400 mm crossing length, center piece width: 500 mm with 4 reflecting lenses, end piece width: 215 mm with reflecting lenses



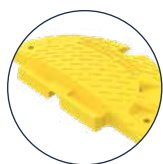
- center piece, black, height: 30 mm
- end piece, black, height: 30 mm
- center piece, yellow, height: 30 mm
- end piece, yellow, height: 30 mm

Part-No.	Kg	Unit	Euro
3392-30	6.2 <sup>A</sup>	1	24.50
3392-30E	1.9 <sup>A</sup>	1	11.70
3392-31	6.2 <sup>A</sup>	1	30.60
3392-31E	1.9 <sup>A</sup>	1	14.30



- center piece, black, height: 50 mm
- end piece type E, black, height: 50 mm
- end piece type A, black, height: 50 mm
- center piece, yellow, height: 50 mm
- end piece type E, yellow, height: 50 mm
- end piece type A, yellow, height: 50 mm

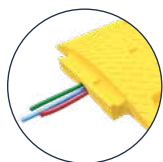
3392-50	10.2 <sup>A</sup>	1	32.50
3392-50E	2.8 <sup>A</sup>	1	13.30
3392-50A	2.8 <sup>A</sup>	1	13.30
3392-51	10.2 <sup>A</sup>	1	38.00
3392-51E	2.8 <sup>A</sup>	1	16.30
3392-51A	2.8 <sup>A</sup>	1	16.30



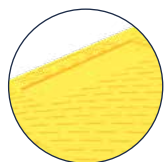
Initial piece 3392-51A with adapter



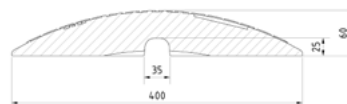
End piece 3392-51E with indentation



integrated cable duct



logo area 198 x 73 x 3 mm



- center piece, black, height: 60 mm
- end piece type E, black, height: 60 mm
- end piece type A, black, height: 60 mm
- center piece, yellow, height: 60 mm
- end piece type E, yellow, height: 60 mm
- end piece type A, yellow, height: 60 mm

3392-60	13.0 <sup>A</sup>	1	38.60
3392-60E	3.7 <sup>A</sup>	1	15.60
3392-60A	3.7 <sup>A</sup>	1	15.60
3392-61	13.0 <sup>A</sup>	1	43.40
3392-61E	3.7 <sup>A</sup>	1	18.50
3392-61A	3.7 <sup>A</sup>	1	18.50



**Logo plate for speedbump**

with pine cone rivets for fastening to ground  
Dimensions: 198 x 73 x 3 mm; Version: polyethylene

Part-No.	Kg	Unit	Euro
3392-Logo	0.1 <sup>A</sup>	1	3.40

**i** Can be plugged or glued. Fastening material is not part of the delivery.





## Rubber mat

including 30 screw caps, black with arrow-shaped reflector foil made of embedded white reflective bead tape, dimensions: 3000 x 1800 x 65 mm

	Part-No.	Kg	Unit	Euro
rubber	3393-300	300.0 <sup>c</sup>	1	685.00



## Speed bump

made of rubber, black, centre piece with 6 yellow fields, 50 mm high, 900 mm crossing length

	Part-No.	Kg	Unit	Euro
center piece, width: 500 mm	3393-90	19.0 <sup>A</sup>	1	67.50
start piece with pin, width: 250 mm	3393-90A	7.5 <sup>A</sup>	1	34.00
end piece without pin, width: 250 mm	3393-90E	7.5 <sup>A</sup>	1	34.00



## Speed bump

of rubber, black with yellow fields, 50 mm high, 800 mm crossing length

	Part-No.	Kg	Unit	Euro
center piece, width: 400 mm	3393-55	15.0 <sup>A</sup>	1	50.70
start piece with pin, width: 150 mm	3393-55A	5.0 <sup>A</sup>	1	30.80
end piece without pin, width: 150 mm	3393-55E	5.0 <sup>A</sup>	1	30.80



**i** Can be plugged or glued. Fastening material is not part of the delivery.



## Speed round bump

of recycled material, Ø 425 mm, 50 mm height

	Part-No.	Kg	Unit	Euro
yellow	3393-52	5.6 <sup>A</sup>	1	36.50

## Glue

for installation of speed bumps

	Part-No.	Kg	Unit	Euro
content: 600 ml	39117	0.7 <sup>A</sup>	1	17.90



## Fastening set

consists of bolt Ø 8 x 120 mm, plug Ø 10 x 115 mm and washer

	Part-No.	Kg	Unit	Euro
each	3393-B	0.2 <sup>A</sup>	1	4.45



## Recommended crossing speed for speed bumps

Height	30 mm	50 mm	60 mm
Recommended speed (max.)	30 km/h	20 km/h	10 km/h

"The installation of speed bumps in public roadspace requires official permission"

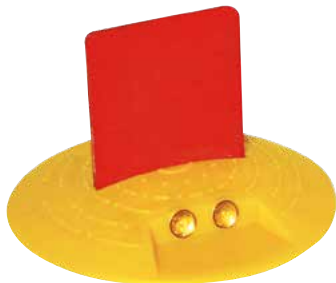
Traffic safety



**Marking button Ø 120 mm**  
yellow, for gluing

	Part-No.	Kg	Unit	Euro
with two reflecting lenses on one side	39110	0.1 <sup>A</sup>	50	1.90
with two reflecting lenses on both sides	39111	0.1 <sup>A</sup>	50	2.15

Infrastructure building



**Marking button Ø 120 mm with flag**  
yellow, for gluing

	Part-No.	Kg	Unit	Euro
with two reflecting lenses on one side	39110F	0.1 <sup>A</sup>	50	2.65
with two reflecting lenses on both sides	39111F	0.1 <sup>A</sup>	50	3.05

Mobile fence



**Aluminium marking nail Ø 100 mm**  
for gluing

	Part-No.	Kg	Unit	Euro
without reflecting lenses	39120	0.2 <sup>A</sup>	50	4.50
with shaft for installation without reflecting lenses	39129	0.2 <sup>A</sup>	50	4.50
with shaft for driving in ground without reflecting lenses, pointed	39130	0.2 <sup>A</sup>	50	4.50

Formwork



**Aluminium marking nail 100 mm x 100 mm**  
for gluing

	Part-No.	Kg	Unit	Euro
without reflecting lenses	39121	0.2 <sup>A</sup>	25	7.45
with two reflecting lenses on one side	39122	0.2 <sup>A</sup>	25	10.60
with two reflecting lenses on both sides	39123	0.2 <sup>A</sup>	25	12.30

Building support safety



**Aluminium marking nail 100 mm x 100 mm**  
with shaft for installation

	Part-No.	Kg	Unit	Euro
with two reflecting lenses on one side	39126	0.2 <sup>A</sup>	25	10.50
with two reflecting lenses on both sides	39127	0.2 <sup>A</sup>	25	13.40

Storage - transport

Building site installation

**i** The marking nails are also available with color reflectors (yellow, red)  
Shank length: approx. 7- 8 cm, shank diameter: 10 -12 mm

**2-component glue**

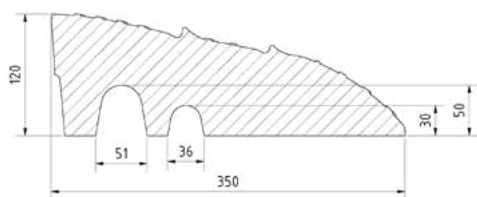
(80 g glue for each marking nail)

(Product is subject of freight restrictions, please inquire separately)



Part-No.	Kg	Unit	Euro
39112	10.0 <sup>A</sup>	1	119.00

Barrier free construction site



## Curb ramp type NOX

curb ramp 120 mm high made of recycled material. This ramp can be extended in length as desired and due to the special connection method it is assembled into a solid unit without additional elements – also toolless. The curb ramp has reflective lenses, so that the ramp can not be overlooked even in the dark. The curb ramp can also be provided with a logo sign, so that the ramp is not only functional, but also can be an advertising medium.

	Part-No.	Kg	Unit	Euro
center piece: dimensions: 1000 x 350 x 120 mm finish: Recycling Material	33920	28.0 <sup>A</sup>	1	126.00
end piece, left: dimensions: 350 x 350 x 120 mm finish: Recycling Material	33920L	7.0 <sup>A</sup>	1	47.30
end piece, right: dimensions: 350 x 350 x 120 mm finish: Recycling Material	33920R	7.0 <sup>A</sup>	1	47.30

## Hose and cable bridge

very robust construction to protect supply lines, supports up to 40 tonnes, several bridges can be connected by hooks and eyes welded to the sides, dimensions of passage duct: 220 mm x 300 mm x 80 mm, outer dimensions: 850 mm x 300 mm x 90 mm

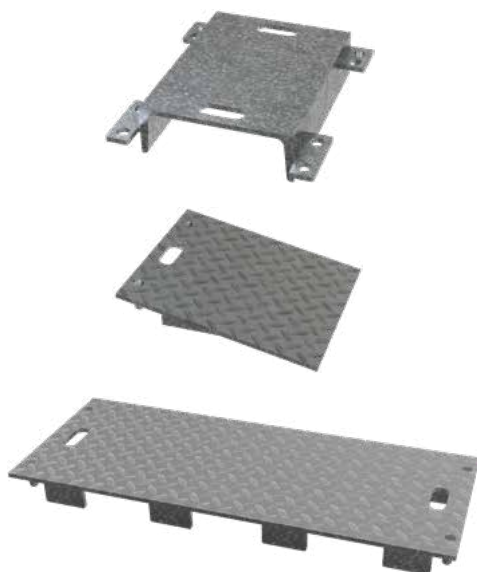


	Part-No.	Kg	VPE	Euro
galvanized	33931	24.0 <sup>B</sup>	1	190.00

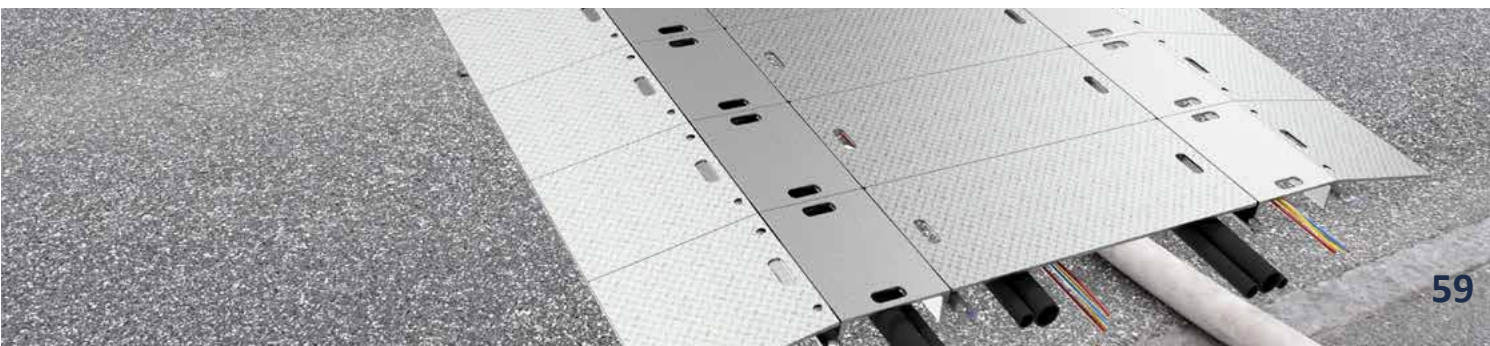
## Hose and cable bridge system

robust construction to protect supply lines up to 90 mm height, incl. carry handles and connecting pins for extension, first of all to combine several parallel bridges dimensions of passage duct: 250 x 90 x 400 mm

**i** toolless connection option



	Part-No.	Kg	Unit	Euro
main element 300 x 400 x 100 mm, connecting pins, galvanized	33931-10	19.7 <sup>A</sup>	1	133.00
ramp 350 x 400 x 95 mm, galvanized	33931-11	16.5 <sup>A</sup>	1	45.00
extension element 1000 x 400 x 100 mm, galvanized	33931-12	37.7 <sup>A</sup>	1	126.00



Traffic safety



**Cable bridge**

of recycled material, with 6 ducts, the elements can be connected by an insert, dimensions: 800 mm x 600 mm x 80 mm, without fastening material.  
Ducts: 2 x 50 x 40 mm and 2 x 30 x 35 mm

	Part-No.	Kg	Unit	Euro
cable bridge with insert, black	339380	24.6 <sup>B</sup>	1	50.20
cable bridge with insert, yellow	339381	24.6 <sup>B</sup>	1	57.20

Infrastructure building



**Hose and cable bridge**

contains 2 ducts for hoses up to 3 inches, including connecting elements, suitable for extension to any length, visible in the dark by reflectors, dimensions of passage duct: 90 mm x 300 mm x 90 mm, outer dimensions: 850 mm x 300 mm x 90 mm

	Part-No.	Kg	Unit	Euro
PVC	33933	11.0 <sup>A</sup>	1	66.90

Mobile fence



**Storage and transport pallet**

for 15 hose and cable bridges part-no. 33933, stackable, suitable for crane and forklift, incl. fork-lift truck shoes, stackable 4-high due to the contour of the stacking corners

	Part-No.	Kg	Unit	Euro
galvanized	33933-5	38.0 <sup>C</sup>	1	420.00

Formwork



**Hose and cable bridge SET**

consisting of:  
15 x hose and cable bridge (part-no. 33933)  
1 x storage and transport pallet (part-no. 33933-5)



	Part-No.	Kg	Unit	Euro
	33933-SET	203.0 <sup>C</sup>	1	1380.00

Building support safety

Storage - transport



**Rubber ramp system, downwards open**  
(dimensions in mm)

Passage	Length	Width	Part-No.	Kg	Unit	Euro
∅ 42	1500	200	339323	9.0 <sup>B</sup>	1	252.00

Building site installation

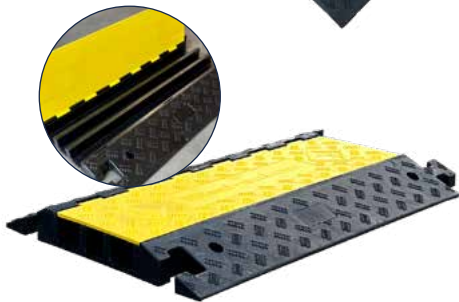


**Fastening SET**

consists of bolt ∅ 8 x 120 mm, plug ∅ 10 x 115 mm and washer

	Part-No.	Kg	Unit	Euro
each	3393-B	0.2 <sup>A</sup>	1	4.45

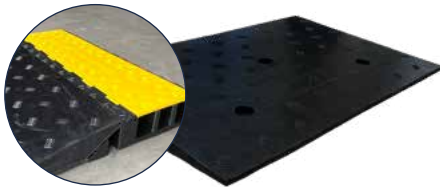
Barrier free construction site



### Ramp system A

with 3 ducts for cables and hoses, supports up to 20 t., (approx 2 to on a area of 25 x 25 cm, up to max. 10 km/h), several bridges can be connected by pins, dimensions of passage duct: 2 x 65 mm x 50 mm and 1 x 55 mm x 50 mm, outer dimensions: 600 mm x 880 mm x 75 mm, including cast-in connecting pin, also suitable for plugging, without fastening material

	Part-No.	Kg	Unit	Euro
plastic	33934	20.0 <sup>B</sup>	1	169.00



### Approach ramp for overrun protection system A

can be loaded up to 20 t., as an optional possibility to drive over the overrun protection system more gently with a low gradient, outer dimensions Length: 595 mm, width: 880 mm, height: max. 70 mm. Fixing by bore holes possible

	Part-No.	Kg	Unit	Euro
plastic	33934R	15.0 <sup>B</sup>	1	76.30
fastening set	3394-B	0.2 <sup>A</sup>	1	4.45



### End piece (system A)

	Part-No.	Kg	Unit	Euro
plastic, without adapter	33934E	2.5 <sup>B</sup>	1	37.70
plastic, with adapter	339322A	2.5 <sup>A</sup>	1	37.70



### Angle 45° with adapter (system A)

	Part-No.	Kg	Unit	Euro
plastic, angle to right	33932W	5.5 <sup>B</sup>	1	76.30
plastic, angle to left	33932WL	5.5 <sup>A</sup>	1	76.30



### Storage and transport pallet for cable bridges

for 15 pcs. cable bridges, dimensions: 2043 x 1204 x 800 mm

	Part-No.	Kg	Unit	Euro
galvanized	33934-5	64.3 <sup>B</sup>	1	461.00



### Ramp system SET

consisting of:  
 15 x cable bridge (part-no. 33934)  
 1 x storage and transport pallet for cable bridges (part-no. 33934-5)



	Part-No.	Kg	Unit	Euro
	33934-SET15	364.3 <sup>B</sup>	1	2910.00

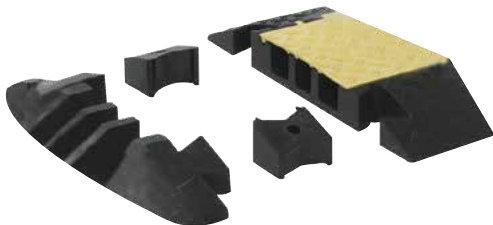
Traffic safety



**Ramp system B**

with 3 ducts for cables and hoses, supports up to 20 tonnes, (approx 5 to on a area of 20 x 20 cm) several ramps can be connected by pins, dimensions of passage duct: 50 mm x 50 mm, outer dimensions: 600 mm x 1000 mm x 80 mm, without fastening material

Infrastructure building



	Part-No.	Kg	Unit	Euro
Ramp system	33932	20.0 <sup>B</sup>	1	403.00
Connecting pins 1 set = 2 pins	339321	0.2 <sup>A</sup>	1	41.70
end piece	33932E	2.5 <sup>A</sup>	1	150.00

Mobile fence



**i** Passage ducts are protected by covers that can be opened.  
1 set of connecting pins included.

Formwork



**Protection mat for events**

with anti-slip naps, mats can be connected by groove joint  
Dimension: 1200 mm x 800 mm x 43 mm

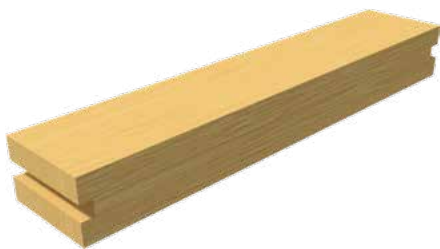
	Part-No.	Kg	Unit	Euro
rubber	33901	29.0 <sup>B</sup>	1	62.90

Building support safety

**Support beam**

120 x 200 mm pressure impregnated for permanent use  
incl. lateral carrying troughs

Storage - transport



	Part-No.	Kg	Unit	Euro
wood	10210	11.5 <sup>A</sup>	1	23.90

Building site installation

**Shims**

stackable to reach a certain height, double-sided anti-slip surface, with carrying handle made of plastic fiber fabric. R-Rope color: white, for ergonomic handling. 250 mm wide, UHMWPE, colour black



	Part-No.	Kg	Unit	Euro
500 x 250 x 50 mm	1025050	6.0 <sup>A</sup>	1	83.30
500 x 250 x 100 mm	1025010	12.0 <sup>A</sup>	1	165.00
1000 x 250 x 50 mm	1021050	12.0 <sup>A</sup>	1	163.00
1000 x 250 x 100 mm	1021010	24.0 <sup>A</sup>	1	326.00

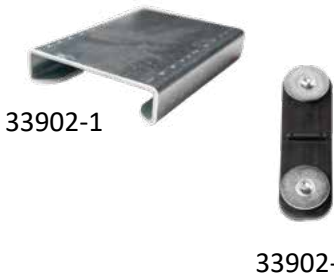
Barrier free construction site



### Floor protection mat

2000 x 1000 mm x 15 mm for driving on work equipment, or to protect curbs and areas that need to be protected from ruts. The floor protection mat impresses with a great stability, so that the shape of the mat remains in its form even with frequent use. The floor protection mats can be connected, so that larger areas can be well protected in the compound. The material is heat and frost resistant.

	Part-No.	Kg	Unit	Euro
UHMWPE, black	33902	30.0 <sup>B</sup>	1	290.00



### Accessoires for floor protection mat

	Part-No.	Kg	Unit	Euro
longitudinal connector for 15 mm plate	33902-1	0.2 <sup>A</sup>	1	13.70
cross connector for 2 x 15 mm plate	33902-2	0.5 <sup>A</sup>	1	10.00



### Stacking pallet for floor protection mat

pallet for storage and transport of 20 pieces of floor protection mats 2000 x 1000 x 15 mm, sturdy steel construction made of square tube 60 x 60 mm, with removable bars 50 x 50 mm for easy, ergonomic removal of the floor protection mats, incl. storage compartment for the separate bars, with forklift lugs for safe moving, incl. stacking corners for space-saving storage at height, galvanized

	Part-No.	Kg	Unit	Euro
galvanized	33902-5	63.0 <sup>B</sup>	1	840.00



### Floor protection mat SET

consisting of:

- 1 x stacking pallet for floor protection mat (part-no. 33902-5)
- 20 x floor protection mat (part-no. 33902)



Part-No.	Kg	Unit	Euro
33902-SET	682.5 <sup>B</sup>	1	6440.00





Traffic safety



**Traffic cones**

red / white luminous in daylight, made of strong PVC material, good stability, stackable, for use in warehouses, parking lots, for quick and direct setup

	Part-No.	Kg	Unit	Euro
height: 200 mm	3L200	0.2 <sup>A</sup>	10	6.40
height: 320 mm	3L320	0.5 <sup>A</sup>	25	9.50
height: 500 mm	3L500	1.2 <sup>A</sup>	10	12.80
height: 750 mm	3L750	3.2 <sup>A</sup>	5	34.90

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

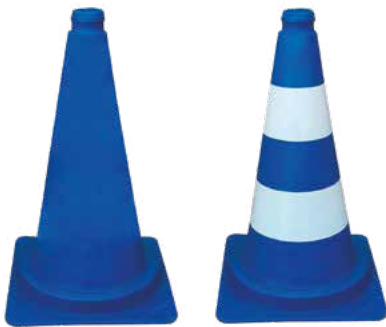
Barrier free construction site



**Traffic cones**

yellow or yellow black luminous in daylight, made of strong PVC material, good stability, stackable, for use in warehouses, parking lots, for quick and direct setup

	Part-No.	Kg	Unit	Euro
height: 320 mm, yellow	3L320G-0	0.5 <sup>A</sup>	25	9.50
height: 320 mm, yellow / black	3L320G	0.5 <sup>A</sup>	25	9.60
height: 500 mm, yellow	3L500G-0	1.2 <sup>A</sup>	10	12.80
height: 500 mm, yellow / black	3L500G	1.2 <sup>A</sup>	10	12.90
height: 750 mm, yellow	3L750G-0	3.2 <sup>A</sup>	5	34.90
height: 750 mm, yellow / black	3L750G	3.2 <sup>A</sup>	5	34.90



**Traffic cones**

blue or blue / white luminous in daylight, made of strong PVC material, good stability, stackable, for use in warehouses, parking lots, for quick and direct setup

	Part-No.	Kg	Unit	Euro
height: 320 mm, blue	3L320B-0	0.5 <sup>A</sup>	25	9.50
height: 320 mm, blue / white	3L320B	0.5 <sup>A</sup>	25	9.60
height: 500 mm, blue	3L500B-0	1.2 <sup>A</sup>	10	12.80
height: 500 mm, blue / white	3L500B	1.2 <sup>A</sup>	10	12.90





**Traffic cones**

red / white luminous in daylight, made of strong PVC material, good stability, stackable, for use in warehouses, parking lots, for quick and direct setup, bonded with reflecting film

	Part-No.	Kg	Unit	Euro
height: 500 mm	3L500RS2	1.3 <sup>A</sup>	10	13.50
height: 750 mm	3L750RS2	3.3 <sup>A</sup>	5	35.90



**Traffic cones**

two-piece, good stability, stackable, base plate made of recycled material, extremely non-slip  
Weight class 3, with 2 fully reflective rings foil type RA2/B  
colour: white, height: 500 mm, weight: 2.5 kg

**red/white with 2 reflecting rings film type RA1/A**

	Part-No.	Kg	Unit	Euro
height: 500 mm	3L530RS	2.5 <sup>A</sup>	10	25.10
height: 750 mm	3L730RS	5.0 <sup>A</sup>	5	42.80

**red/white with 2 reflecting rings film type RA2/B**

height: 500 mm	3L530RS2	2.5 <sup>A</sup>	10	30.20
height: 750 mm	3L730RS2	5.0 <sup>A</sup>	5	50.10

**red/yellow with 2 reflecting rings film type RA1/A**

	Part-No.	Kg	Unit	Euro
height: 500 mm	3L530RSSK	2.5 <sup>A</sup>	10	25.10
height: 750 mm	3L730RSSK	5.0 <sup>A</sup>	5	42.80

**red/yellow with 2 reflecting rings film type RA2/B**

height: 500 mm	3L530RSSK2	2.5 <sup>A</sup>	10	25.10
height: 750 mm	3L730RSSK2	5.0 <sup>A</sup>	5	50.10



**Traffic cone**

orange / white, two-piece, cone body made of LDPE material, base plate made of PVC material, good stability, stackable, with one reflective stripe, recessed grip at the cone tip, for easy handling

	Part-No.	Kg	Unit	Euro
height: 1000 mm	3L1030RS	5.5 <sup>A</sup>	5	29,60

**i Customize your traffic cones !**

sticker on traffic cone (luminous in daylight)	2,50 € / pc.
printed film RA1/A	on request
printed film RA2/B	on request

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Traffic cone BAST tested acc. to TL - one-piece**

made of strong PVC material, good stability, stackable, see TL Traffic cones, STVO and RSA, for quick and direct setup

**red / white fully reflecting film RA1/A**

	Part-No.	Kg	Unit	Euro
height: 500 mm	3L500TL	2.5 A	10	35.90
height: 750 mm	3L750TL	5.0 A	5	65.50

**red / white fully reflecting film RA2/B**

height: 500 mm	3L500TL2	2.5 A	10	44.40
height: 750 mm	3L750TL2	5.0 A	5	80.90



**Traffic cone BAST tested acc. to TL - two-piece**

weight class 3 of TL, acc. to STVO, base plate made of recycled material, anti-slip

**red / white fully reflecting film RA1/A**

	Part-No.	Kg	Unit	Euro
height: 500 mm	3L530TL	2.5 A	10	33.90
height: 750 mm	3L730TL	5.0 A	5	60.10

**red / white fully reflecting film RA2/B**

height: 500 mm	3L530TL2	2.5 A	10	41.00
height: 750 mm	3L730TL2	5.0 A	5	69.90



**Pallet for traffic cones**

stacking pallet for holding both one-piece and two-piece Schake traffic cones, incl. crane eyes and 6 removable securing anchors with thread to secure individually depending on the filling quantity, stackable and combinable with pallet 50381V-0/ 50381V-115-0

	Part-No.	Kg	Unit	Euro
galvanized	3L5075-5	64.0 B	1	325.00

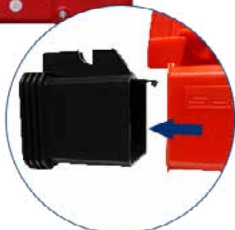
**Traffic cone SET**

consisting of:

- 1 x pallet for traffic cones (part-no. 3L5075-5)
- traffic cones (quantity depends on type)



	Part-No.	Kg	Unit	Euro
with 72 pieces 3L500TL	3L500TL-SET	244.0 B	1	2570.00
with 36 pieces 3L750TL	3L750TL-SET	244.0 B	1	2370.00
with 72 pieces 3L500TL2	3L500TL2-SET	244.0 B	1	3110.00
with 36 pieces 3L750TL2	3L750TL2-SET	244.0 B	1	2860.00
with 90 pieces 3L530TL	3L530TL-SET	323.0 B	1	3280.00
with 48 pieces 3L730TL	3L730TL-SET	319.0 B	1	3110.00
with 90 pieces 3L530TL2	3L530TL2-SET	323.0 B	1	3890.00
with 48 pieces 3L730TL2	3L730TL2-SET	319.0 B	1	3570.00



### NOXBLITZ

LED flash in the design of the preferred NOX series with a stable casing and robust lens, for securing construction sites on short notice, to be equipped with batteries part-no. 3B37 with 6 AH or part-no. 3B50 with 50 AH. Use the practical rocker switch to turn the light on and off

operating voltage: 6 V DC  
 flash frequency: ~ 60 / min  
 flash energy: 2 J  
 operating hours: ~ 15 hours at 7 Ah

	Part-No.	Kg	Unit	Euro
light exits on one side, yellow	NOXBLITZ	1.0 <sup>A</sup>	10	53.90

### Traffic cone adapter

for all Schake traffic cones and other commercially available types. By simply plugging it in and screwing it on without tools, the adapter is firmly fixed in the cone so that the flashing light can be easily mounted on the adapter. By screwing the NOX flash on the adapter the cone becomes an unit with the NOX flash. Simply insert any barrier chains or other warning tapes through the adapter so that a blockade on short notice can be created quickly



	Part-No.	Kg	Unit	Euro
without fixing lever	3LA0	0.1 <sup>A</sup>	1	17.00
with fixing lever for Schake one-piece traffic cones	3LA1	0.1 <sup>A</sup>	1	29.40
with fixing lever for Schake two-piece traffic cones	3LA2	0.1 <sup>A</sup>	1	29.40

### Tripod for NOXBLITZ

for installation on short notice in combination with NOXBLITZ, easy to fold, secure stability, to put up with traffic cone adapter part-no. 3LA1 which is used for taking in NOXBLITZ, also suitable for rough and uneven grounds



	Part-No.	Kg	Unit	Euro
galvanized	3LN0XH	1.0 <sup>A</sup>	1	39.90

### Barrier strap

top-mounted adapter for all traffic cone types, with 3-meter barrier strap, 52 mm high with spring balancer, total height: 230 mm, housing colour: matched to strap colour, barrier strap colour optional



	Part-No.	Kg	Unit	Euro
red / white	3A350RW	0.3 <sup>A</sup>	1	38.50
yellow / black	3A350GS	0.3 <sup>A</sup>	1	38.50
blue / white	3A350BW	0.3 <sup>A</sup>	1	38.50

### Barrier strap

top-mounted adapter for all traffic cone types, with 12-meter barrier strap, 50 mm wide, strap colour: red/white, total height: 290 mm, colour: orange (body) / black (cover), with spring balancer and brake



	Part-No.	Kg	Unit	Euro
strap color red / white	3A351RW	0.3 <sup>A</sup>	1	64.90

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

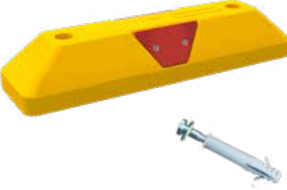
Building site installation

Barrier free construction site



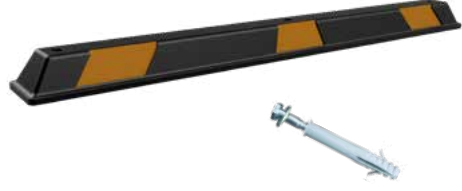
**Park and guide barrier**  
 1.65 m, yellow with red reflectors, made of HDPE,  
 with 6 prismatic red reflectors,  
 3 bores for plugging down

	Part-No.	Kg	Unit	Euro
plastic	3393-100	5.0 <sup>B</sup>	1	56.00
fastening set	3394-B	0.2 <sup>A</sup>	1	4.95



**Park and guide barrier**  
 0.55 m, yellow with red reflectors, made of HDPE,  
 with 2 prismatic red reflectors,  
 2 bores for plugging down

	Part-No.	Kg	Unit	Euro
plastic	3393-101	1.0 <sup>A</sup>	1	36.00
fastening set	3393-B	0.2 <sup>A</sup>	1	4.45



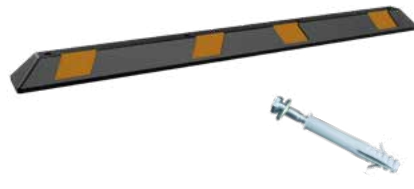
**Park and guide barrier**  
 1.65 m, black with yellow reflectors, made of PVC,  
 with 6 yellow reflecting stripes,  
 3 bores for plugging down

	Part-No.	Kg	Unit	Euro
plastic	3393-102	14.0 <sup>B</sup>	1	55.90
fastening set	3394-B	0.2 <sup>A</sup>	1	4.85



**Park and guide barrier**  
 0.90 m, black with yellow reflectors, made of  
 recycling material, with 8 yellow reflecting stripes,  
 3 bores for plugging down

	Part-No.	Kg	Unit	Euro
plastic	3393-103	7.0 <sup>A</sup>	1	44.20
fastening set	3393-B	0.2 <sup>A</sup>	1	4.85



**Park and guide barrier**  
 1.83 m, black with yellow reflectors, made of  
 Recycling material, with 8 yellow reflecting stripes,  
 4 bores for plugging down

	Part-No.	Kg	Unit	Euro
plastic	3393-104	15.0 <sup>B</sup>	1	63.50
fastening set	3393-B	0.2 <sup>A</sup>	1	4.85



### Wheelstopper

with 2 holes for screwing on, dimensions: 500 x 150 x 100 mm

	Part-No.	Kg	Unit	Euro
rubber	3393-150	3.5 <sup>A</sup>	1	35.00
fastening set	3394-B	0.2 <sup>A</sup>	1	4.45



### Wheel chock

prevents wheel from rolling away, made of rubber, the uneven structure of the front ensures good stability, with carrying handle

	Part-No.	Kg	Unit	Euro
dimensions: 320 x 300 x 260 mm	3393-260	12.0 <sup>A</sup>	1	43.20

### black with three yellow stripes

dimensions: 285 x 155 x 185 mm	3393-185	3.0 <sup>A</sup>	1	29.50
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### Edge protection angle

1.00 m, black with yellow reflectors  
made of rubber, 5 yellow, arrow-shaped reflector films embedded



	Part-No.	Kg	Unit	Euro
rubber	323-100	2.2 <sup>A</sup>	1	26.40

### Warning signal

red/white aluminium sheet, angled, dimensions: 150 x 150 x 1000 mm,  
film type 1, red/ white, left and right pointing

	Part-No.	Kg	Unit	Euro
aluminium	32301	2.0 <sup>A</sup>	1	37.90



**i** Other dimensions available upon request.

**i** Fastening SET (1 x bolt, 1 x plug + matching washer)

	Part-No.	Euro
bolt: Ø 8 x 120 mm, plug: Ø 10 x 115 mm	3393-B	4.45
bolt: Ø 10 x 115 mm, plug: Ø 14 x 110 mm	3394-B	4.45
bolt: Ø 10 x 160 mm, plug: Ø 14 x 110 mm	3395-B	4.45
bolt: Ø 10 x 200 mm, plug: Ø 14 x 110 mm	3396-B	4.45



## Infrastructure building

Twine poles and accessories  
Lamp iron / Crowbar  
Ground pegs  
Column beam system  
Trench shoring  
Trench strut / Shaft cover  
Working umbrella / Work tent  
Trench bridges

Traffic safety

Infrastructure building

Mobile fence

Formwork

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Storage - transport

Building site installation

Barrier free construction site





# Twine poles – for many applications

1. Infrastructure building
2. Road pavement
3. For aligning during earth-  
and concrete work
4. Short-term blocking
5. Anchors

Twine poles are available in standard-sizes  $\varnothing$  14, 16, 18, 20 mm diameter, other diameters are also possible to produce according to your request.

#### ■ Production:

Each twin pole undergoes a special forging process. The tip gets heated up to 1000° C in only a few seconds by induction and afterwards forged into a square-shape tip. The forging process results in an additional increase in the degree of hardness of the tip of the twine pole, where the pole is typically maximum burdened during the application.

#### ■ Application:

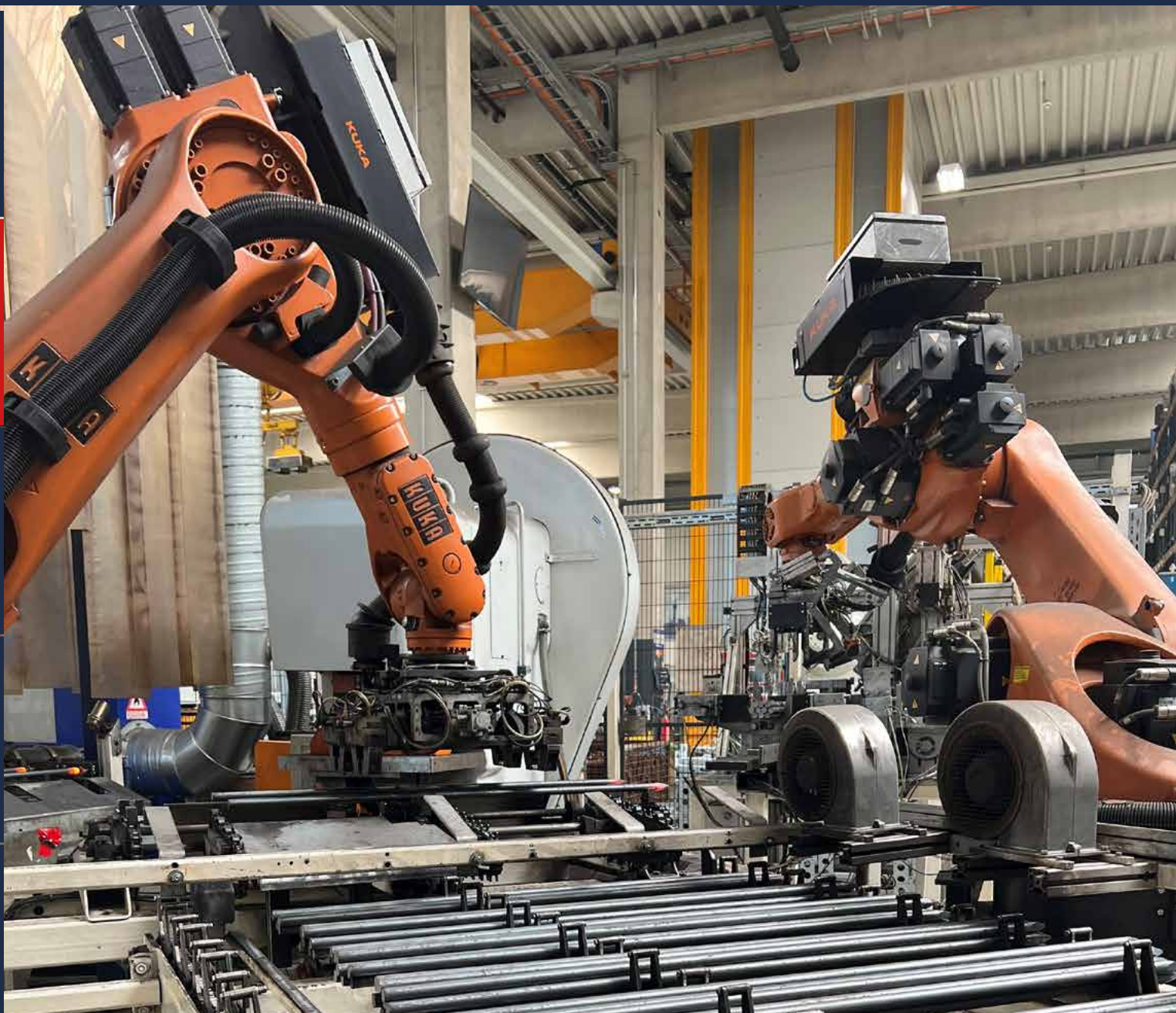
The wide range of options to use twine poles allows simple road pavements as well as professional road building projects.

#### ■ Storage and transport:

As an added value, we developed a transport and storage rack for twine poles (part-no. 50118-5 and 50118-5L), to allow and ease the multiple use of the poles and ensure the save and efficient storage and managing of the material. In these pallets, 500 pcs. or 250 pcs. of twine poles can be stored. Our twine poles are packed in bundles of 10 pcs. each, bundled by 2 wires, to allow an easy handling on the site.







Twine poles «Made in Germany» - on our fully automatic robot plant at the Volmarsteiner Straße production site in Hagen, twine poles are not only produced efficient, but also at a high level of quality using state-of-the-art technology.

The entire manufacturing process, from optimising the cut to produce as little waste as possible in the interests of the environment and cost efficiency, to the forging process itself, to automated packaging and palletising, is our decades of experience in the manufacture of corded piles and the production of construction equipment in general and ensures optimum performance as a result.

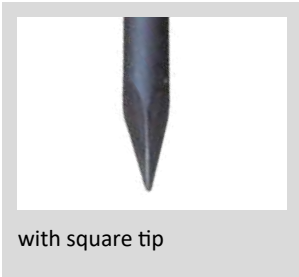
Through our inductive process for heating the steel, immediately before the forging process, the supply of electricity is a sustainable form of energy in contrast to methods such as gas burners, we have opted for a sustainable form of energy. Large stocks, both of the finished product for the fastest possible dispatch, as well as for the raw material, in order to be able to produce as flexibe as possible and with short processing times, to give our customers the best possible performance.

MADE IN  
GERMANY





including bevel



with square tip



## Twine pole

for versatile use in road construction, uncoated, made of commercial steel grade with forged tip for easy driving into the ground, available in different dimensions, including bevel

Diameter	Part-No.	Kg	Unit	Euro
Diameter 14 mm	length: 1000 mm	301410	1.2 s	500 3.50
	length: 1200 mm	301412	1.5 s	500 3.80
Diameter 16 mm	length: 800 mm	301608	1.3 s	500 3.60
	length: 1000 mm	301610	1.6 s	500 3.70
	length: 1200 mm	301612	1.9 s	500 4.70
Diameter 18 mm	length: 800 mm	301808	1.6 s	500 4.40
	length: 1000 mm	301810	2.0 s	500 4.90
	length: 1200 mm	301812	2.4 s	500 5.30
Diameter 20 mm	length: 800 mm	302008	2.0 s	500 5.00
	length: 1000 mm	302010	2.5 s	500 5.70
	length: 1200 mm	302012	3.0 s	500 6.40



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Mobile fence

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Storage - transport

Building site installation

Barrier free construction site



**Twine pole SET 1**

consisting of:

1 x storage and transport pallet for twine poles (part-no. 50118-5L)  
250 x twine pole

	Part-No.	Kg	Unit	Euro
<b>Diameter: 16 mm</b>				
length: 800 mm	301608-SET250	314.8 s	1	1230.00
length: 1000 mm	301610-SET250	362.5 s	1	1270.00
length: 1200 mm	301612-SET250	470.0 s	1	1500.00
<b>Diameter: 18 mm</b>				
length: 800 mm	301808-SET250	399.3 s	1	1430.00
length: 1000 mm	301810-SET250	493.0 s	1	1560.00
length: 1200 mm	301812-SET250	535.5 s	1	1650.00
<b>Diameter: 20 mm</b>				
length: 800 mm	302008-SET250	489.8 s	1	1590.00
length: 1000 mm	302010-SET250	624.8 s	1	1760.00
length: 1200 mm	302012-SET250	736.8 s	1	1910.00



**Twine pole SET 2**

consisting of:

1 x storage and transport pallet for twine poles (part-no. 50118-5)  
500 x twine pole

	Part-No.	Kg	Unit	Euro
<b>Diameter: 16 mm</b>				
length: 800 mm	301608-SET500	726.1 s	1	2260.00
length: 1000 mm	301610-SET500	725.0 s	1	2350.00
length: 1200 mm	301612-SET500	940.0 s	1	2800.00
<b>Diameter: 18 mm</b>				
length: 800 mm	301808-SET500	895.1 s	1	2660.00
length: 1000 mm	301810-SET500	1082.6 s	1	2930.00
length: 1200 mm	301812-SET500	1167.6 s	1	3110.00
<b>Diameter: 20 mm</b>				
length: 800 mm	302008-SET500	1076.1 s	1	2980.00
length: 1000 mm	302010-SET500	1346.1 s	1	3320.00
length: 1200 mm	302012-SET500	1570.1 s	1	3630.00



**Storage and transport pallet**

for all current twine poles, welded frame made of square tubes  
60 mm x 60 mm, shape made of stable iron sheet, galvanized, twine poles  
can be taken out perfectly because of staggered positions, pallett can be  
moved by crane and forklift, measures: 1200 mm x 800 mm x 820 mm  
max. load: 1500 kg

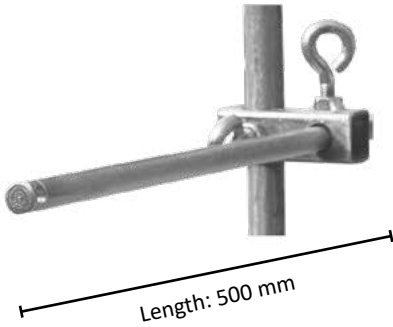
	Part-No.	Kg	Unit	Euro
for 250 twine poles	50118-5L	53.6 s	1	375.00
for 500 twine poles	50118-5	98.0 s	1	550.00



**Plumb line holder**

for screw-fitting to twine poles, held by screw, with welded flat iron and notch as rope guide, can be installed on twine poles of  $\varnothing$  18 mm

	Part-No.	Kg	Unit	Euro
galvanized	301820	0.4 <sup>A</sup>	100	4.10



**Plumb line holder**

for screw-fitting to twine poles, held by screw, with round bar  $\varnothing$  13 mm, including notch as rope guide, can be installed on twine poles of  $\varnothing$  10 mm -  $\varnothing$  20 mm, round bar can move in longitudinal direction

	Part-No.	Kg	Unit	Euro
galvanized	301821	1.5 <sup>A</sup>	100	9.70



**Plumb line holder**

for screw-fitting to twine poles, made of plastic material, fits all twine poles, with rope guide

	Part-No.	Kg	Unit	Euro
plastic	301822	0.1 <sup>A</sup>	25	37.10



**Leveling guide, black**

with installed allen screw M8 (VA), dimensions: 20.5 mm x 30.5 mm x 200 mm, available with or without clamping bracket (VA)

	Part-No.	Kg	Unit	Euro
<b>with clamping bracket</b> without adjusting ring	301825	0.2 <sup>A</sup>	25	8.40
<b>without clamping bracket</b> without adjusting ring	301825-0	0.2 <sup>A</sup>	25	5.50
clamping bracket	301825-1	0.1 <sup>A</sup>	25	2.10
adjusting ring	301825-2	0.1 <sup>A</sup>	25	1.50



**Mushroom impact guard, of impact-resistant plastic material**

inside 20 mm tapered, red

	Part-No.	Kg	Unit	Euro
for twine poles $\varnothing$ 16 - 18 mm	301823	0.1 <sup>A</sup>	100	1.35
for twine poles $\varnothing$ 20 - 35 mm	301824	0.1 <sup>A</sup>	100	1.60



**Round strand rope**

for placing in plumb line holder, rope  $\varnothing$  2 mm

	Part-No.	Kg	Unit	Euro
galvanized	301830	50.0 <sup>A</sup>	500 m	0.85



### Barrier tape holder

for versatile use in road construction, red painted, made of  $\varnothing$  12 mm round bar, with welded u shackle for holding tapes, cables, lines, etc., with forged tip for easy driving into the ground, length: 1.25 m

	Part-No.	Kg	Unit	Euro
red painted	31551	1.0 <sup>A</sup>	500	4.80

### Barrier tape holder

for versatile use in road construction, red painted, made of  $\varnothing$  12 mm fluted bar, with welded UVV shackle for holding tapes, cables, lines, etc., with forged tip for easy driving into the ground, length: 1.20 m

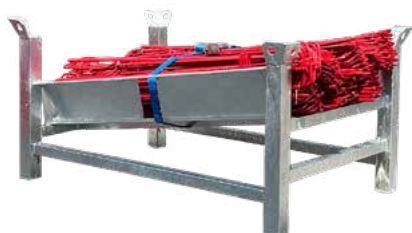
	Part-No.	Kg	Unit	Euro
$\varnothing$ 12 mm	315522	1.0 <sup>A</sup>	500	4.80
$\varnothing$ 14 mm	315523	2.3 <sup>A</sup>	500	5.00



### Barrier tape

printed on both sides, in red / white blocks, 500 m reel in special carton

Dimensions:	Part-No.	Kg	Unit	Euro
0.03 mm x 80 mm x 500 m	3WT8500	1.0 <sup>B</sup>	1	15.40



### Barrier tape holder SET 1

consisting of:

- 1 x Storage and transport pallet for twine poles (part-no. 50118-5L)
- 150 x Barrier tape holder

Diameter 12 mm	Part-No.	Kg	Unit	Euro
150 barrier tape holders	315522-SET	168.0 <sup>S</sup>	1	1060.00



### Barrier tape holder SET 2

consisting of:

- 1 x Storage and transport pallet for twine poles (part-no. 50118-5)
- 250 x Barrier tape holder

Diameter 12 mm	Part-No.	Kg	Unit	Euro
250 barrier tape holders	315522-SET2	376.6 <sup>S</sup>	1	1700.00

### Barrier tape holder 10 pcs.

barrier tape holder (part-no. 315522) packed 10 pcs. in carton

Part-No.	Kg	Unit	Euro
315522-VE10	11.4 <sup>A</sup>	1	48.00





**Crowbar**

very robust design, with forged tip and straight cutter, made of 30 mm round bar, black powder coating, available in different lengths

	Part-No.	Kg	VPE	Euro
length: 1.50 m	10196	9.0 <sup>B</sup>	10	32.60
length: 1.80 m	10197	11.0 <sup>B</sup>	10	39.00

**Same as above, but with tip and bent cutter with grab**

length: 1.50 m	10196GS	9.0 <sup>B</sup>	10	32.40
length: 1.80 m	10197GS	11.0 <sup>B</sup>	10	39.70



**Crowbar**

with curved cutting edge, robust design made of Ø 25 mm round steel, available in different lengths, finish: red

	Part-No.	Kg	VPE	Euro
with curved cutting edge length: 1.30 m	10195-2R	5.0 <sup>B</sup>	10	24.80
length: 1.50 m	10196-2R	5.7 <sup>B</sup>	10	30.40





Traffic safety

Infrastructure building

Mobile fence

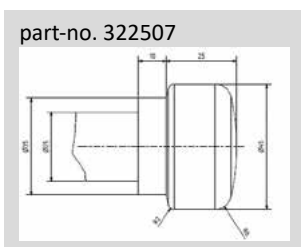
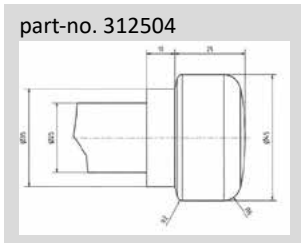
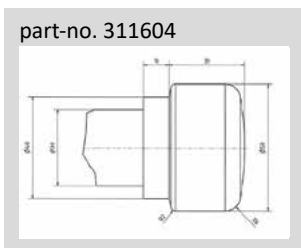
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



## Fixing peg type 1

this peg is especially suitable for fixing steel anchor plates in the ground, because of the passage on the forged head it can be easily removed by remout-adapter or crowbar

Diameter: 16 mm	Part-No.	Kg	Unit	Euro
length: 400 mm	311604	0.6 <sup>A</sup>	10	5.55
length: 600 mm	311606	1.0 <sup>A</sup>	10	7.10
length: 800 mm	311608	1.3 <sup>A</sup>	10	9.10

Diameter: 25 mm	Part-No.	Kg	Unit	Euro
length: 400 mm	312504	1.6 <sup>A</sup>	5	11.00
length: 600 mm	312506	2.4 <sup>A</sup>	5	16.10
length: 800 mm	312508	3.3 <sup>A</sup>	5	20.80
length: 1000 mm	312510	4.2 <sup>A</sup>	5	24.10
length: 1200 mm	312512	5.0 <sup>A</sup>	5	28.20

## Fixing peg type 2

this peg is used in scaffolding and formwork, the head is double forged, so it can be dived in until the ring and always pulled out on this area

Diameter: 25 mm	Part-No.	Kg	Unit	Euro
length: 700 mm	322507	3.2 <sup>A</sup>	5	23.30
length: 900 mm	322509	3.7 <sup>A</sup>	5	26.30

## Fixing peg type 5

for multiple use in scaffolding, concrete formwork or construction fence braces head angled at 90° enables easy removal, tip sharpened to 45°

Diameter: 16 mm	Part-No.	Kg	Unit	Euro
length: 600 mm	301606W	1.0 <sup>A</sup>	1	7.30

Diameter: 20 mm	Part-No.	Kg	Unit	Euro
length: 600 mm	302006W	1.6 <sup>A</sup>	1	10.10

## Barbed wire ground peg

barbed wire ground peg made of round iron  $\varnothing$  14 mm, with welded ring eye  $\varnothing$  74mm outside,  $\varnothing$  50mm inside, for safe insertion of barbed wire part no. 3B156-4 or 3B165-5 or other barrier wires with forged tip raw finish

	Part-No.	Kg	Unit	Euro
$\varnothing$ 14 mm, length: 500mm	301405ST	0.8 <sup>A</sup>	1	12.80
$\varnothing$ 16 mm, length: 750mm	301607ST	1.4 <sup>A</sup>	1	14.50

## Extracting-adapter

for pulling out pegs in combination with universal hook part-no. 20289

	Part-No.	Kg	Unit	Euro
galvanized	20288	1.5 <sup>A</sup>	1	27.80

## Universal hook

for individual applications, especially with extracting-adapter part-no. 20288 for pulling out pegs

	Part-No.	Kg	Unit	Euro
galvanized	20289	1.5 <sup>A</sup>	1	31.10





### Guard-railing post made of Ø 48 tube

for use as a guardrail, with 3 welded-on brackets (inner dimension: 65 x 170 mm) for hanging boards, standpipe made of 48.3 mm round tube, with welded tube socket for insertion into sleeve made of Ø 48.3 mm round tube. Height: 1.00 m above ground, suitable for: folding scaffold trestle system, folding scaffold trestle universal, as well as all crank scaffold trestles, finish: galvanised

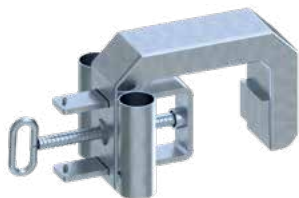
	Part-No.	Kg	Unit	Euro
guard railing post	11277VG	3.5 <sup>A</sup>	1	24.50
corner railing post with 90° angle	11278VG	4.0 <sup>A</sup>	1	29.70



### Uni railing bracket type A

for easy mounting of Ø 40 - 42 mm mobile fencing or panel fences as fall protection. The Uni railing bracket type A can be placed vertically on sheet piling or similar and fixed in place with the locking screw, there are two mounting sockets Ø 48 mm, also suitable for horizontal use with a ceiling thickness of 65 mm. There is a Ø 48 mm mounting option, e.g. also for a railing post part-no. 11277VG

	Part-No.	Kg	Unit	Euro
galvanized	112100	3.5 <sup>A</sup>	1	73.40



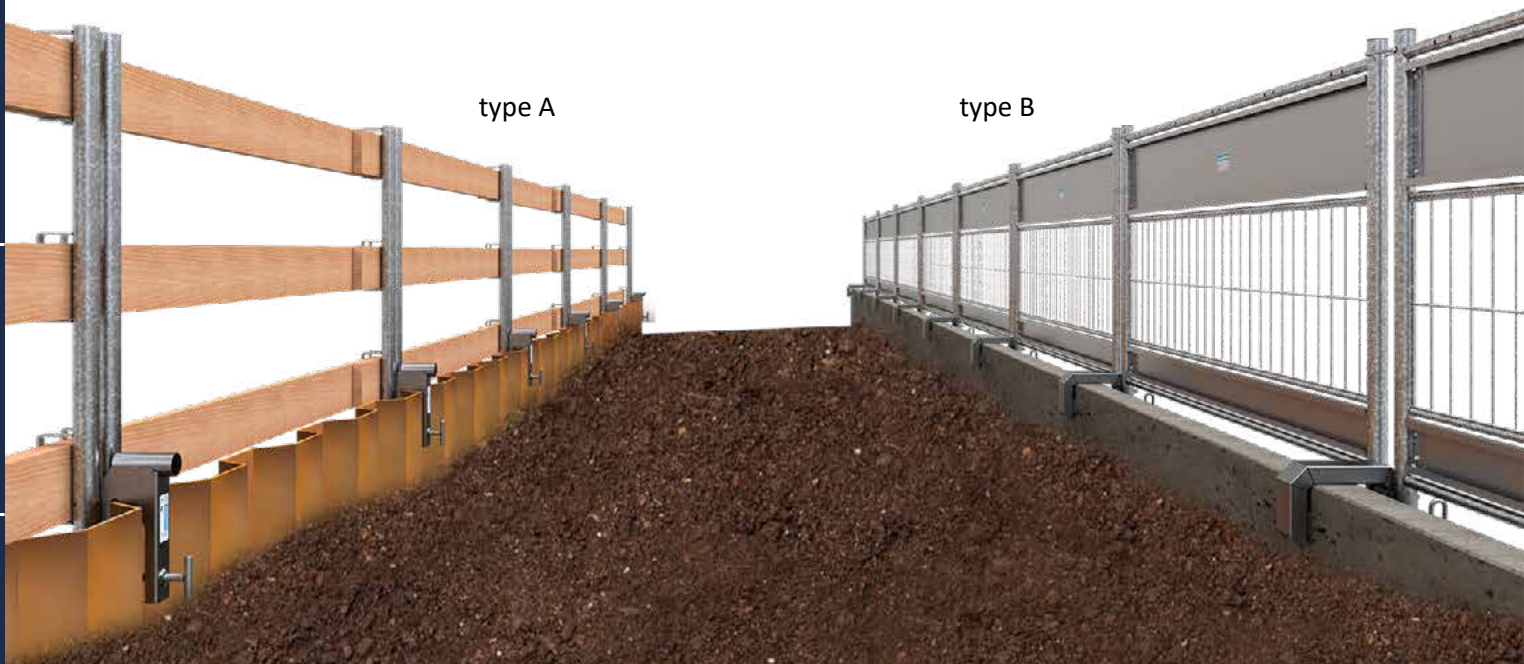
### Uni railing bracket type B

for easy mounting of Ø 40 - 42 mm mobile fencing or panel fence as fall protection. The uni railing bracket type B can be placed vertically on trench shoring walls or similar and fixed in place with the locking screw, there are two mounting sockets Ø 48 mm, also for the mounting of guard-railing post part-no. 11277VG

	Part-No.	Kg	Unit	Euro
galvanized	112101	5.2 <sup>A</sup>	1	92.00

type A

type B



## Column beam system

mobile device for lifting loads  
consisting of:

- 3 x formwork prop 3.00 m (part-no. 11830V) or 4.0 m (part-no. 11832V)
- 1 x head plate (part-No. 118KV\_E3)
- 3 x levelling foot (part-no. 118KV\_E1)
- 1 x lashing strap (part-no. 50352-8)
- 1 x pulley 250kg load capacity (part-no. 526250) or 500kg load capacity (part-no. 526500)

### optional:

- 3 x roller (part-no. 2052836), incl. fixing material



### Set variant with pulley block 500 kg load capacity:

Formwork-prop extension length 1.70 m - 3.00 m

- with heavy duty rollers
- without heavy duty rollers

Part-No.	Kg	Unit	Euro
118KRF50-SET1	80.8 <sup>B</sup>	1	760.00
118KF50-SET1	76.1 <sup>B</sup>	1	610.00

Formwork-prop extension length 2.20 m - 4.00 m

- with heavy duty rollers
- without heavy duty rollers

118KRF50-SET2	97.8 <sup>B</sup>	1	800.00
118KF50-SET2	93.0 <sup>B</sup>	1	650.00

**i** Further variants + applications, see pages 208 - 209

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**Trench shoring spindle separate, Ø 32 mm**

Ø 32 mm solid threaded spindle with welded claw plate with 2 fastening holes. Claw plate dimensions: 70 mm x 70 mm, wing nut with internal groove for locking ring of malleable cast iron, brown finish

		Part-No.	Kg	Unit	Euro
total length:	450 mm				
thread length:	300 mm	20201	3.5 A	100	16.80



**Trench shoring tube separate, Ø 42 mm**

Ø 42.4 mm round tube, with welded claw plate with 2 fastening holes. Claw plate dimensions: 70 mm x 70 mm, brown finish

		Part-No.	Kg	Unit	Euro
size 1	tube length: 45 cm	20221	1.5 A	100	10.00
size 1a	tube length: 55 cm	20222	2.0 A	100	11.00
size 2	tube length: 75 cm	20223	2.5 A	100	12.00
size 3	tube length: 105 cm	20224	3.5 A	100	16.90
size 4	tube length: 135 cm	20225	4.0 A	100	17.30



**Trench shoring „Perfect“ Ø 32 mm**

for civil engineering use, for bracing and supporting canal walls, acc. to DIN 4124 with test label TBG-4P 32, spindle: Ø 32 mm, outer tube: Ø 42.4 mm with claw plates 70 mm x 70 mm on both sides, brown finish

		Part-No.	Kg	Unit	Euro
size 1	0.50 - 0.80 m 39.90 kN - 37.20 kN	20211	5.2 A	100	25.10
size 1a	0.60 - 0.90 m 39.90 kN - 34.10 kN	20212	5.5 A	100	25.70
size 2	0.80 - 1.10 m 39.50 kN - 29.40 kN	20213	6.2 A	100	27.60
size 3	1.10 - 1.40 m 37.70 kN - 29.30 kN	20214	7.0 A	100	30.10
size 4	1.40 - 1.70 m 31.70 kN - 26.50 kN	20215	8.0 A	100	33.80



**i** Please note the conditions for using trench shorings and shaft heads



**Solid wall pallet**

for universal use in storage, vertical and cross tubes made of Ø 48.3 mm round tube, inside dimensions: 1.43 m x 0.87 m x 0.50 m, solid wall pallet can hold up to 1.5 t of load, suitable for transport by fork-lift truck, platform floor truck or crane, the shape of the feet adds stability to the stack, 4 containers are possible in a stack

	Part-No.	Kg	Unit	Euro
painted	50321	67.0 B	1	442.00
galvanized	50322	69.0 B	1	535.00

**i** To combine the spindle with tubes of different length, the ring can be opened a special tool. Spindle and tube are firmly connected with each other by a locking ring.



### Trench shoring „Perfect“ Ø 48 mm

for civil engineering use, for bracing and supporting canal walls, acc. to DIN 4124 with test label TBG-4P 48, spindle: Ø 48.3 mm, outer tube: Ø 57 mm with supporting angle 100 mm x 150 mm on both sides, brown finish



	Part-No.	Kg	Unit	Euro
size 1 0.70 - 1.17 m 65.50 kN - 61.10 kN	20231	8.0 <sup>A</sup>	50	63.10
size 2 0.90 - 1.50 m 65.50 kN - 59.90 kN	20232	10.0 <sup>A</sup>	50	69.40
size 3 1.20 - 2.10 m 60.10 kN - 51.70 kN	20233	13.0 <sup>A</sup>	50	78.80

### Trench shoring „Perfect“ Ø 60 mm

for civil engineering use, for bracing and supporting canal walls, acc. to DIN 4124 with test label TBG-4P 60, spindle: Ø 60 mm, outer tube: Ø 70 mm with supporting angle 100 mm x 150 mm on both sides, brown finish



	Part-No.	Kg	Unit	Euro
size 1 0.90 - 1.50 m 100.00 kN - 100.00 kN	20241	17.0 <sup>A</sup>	30	108.30
size 2 1.40 - 2.00 m 100.00 kN - 96.90 kN	20242	20.0 <sup>A</sup>	30	127.30
size 3 1.90 - 2.50 m 98.80 kN - 83.90 kN	20243	23.0 <sup>B</sup>	30	145.40
size 4 2.40 - 3.00 m 80.80 kN - 75.30 kN	20244	26.0 <sup>C</sup>	30	163.40

### Stackable pallet

for universal use for the storage of long goods, vertical and cross tubes are made of Ø 48.3 mm round tube, inside dimensions: 1.43 m x 0.87 m x 0.70 m, with additional center welded cross tube, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability



	Part-No.	Kg	Unit	Euro
painting	50150	26.0 <sup>B</sup>	9	128.00
galvanized	50160	27.0 <sup>B</sup>	9	163.00

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**Trench strut**

for civil engineering use, for bracing and supporting canal walls with outer thread for easy thread cleaning, hand crush and failure guard make handling these props safer, robust punch nose for quick decapsulation

painted	Part-No.	Kg	Unit	Euro
extension length: 450 - 620 mm	11825P	6.5 <sup>A</sup>	48	41.70
extension length: 600 - 925 mm	11826P	7.5 <sup>A</sup>	48	44.80
extension length: 800 - 1320 mm	11827P	8.8 <sup>A</sup>	48	48.80
extension length: 1000 - 1720 mm	11828P	10.2 <sup>A</sup>	48	53.40

galvanized	Part-No.	Kg	Unit	Euro
extension length: 450 - 620 mm	11825V	6.5 <sup>A</sup>	48	43.90
extension length: 600 - 925 mm	11826V	7.5 <sup>A</sup>	48	48.20
extension length: 800 - 1320 mm	11827V	8.8 <sup>A</sup>	48	53.00
extension length: 1000 - 1720 mm	11828V	10.2 <sup>A</sup>	48	59.10



**Soil and concrete tamper**

with robust bottom plate for tamping, welded on the shaft is a t handle of ideal 730 mm total working height

	Part-No.	Kg	Unit	Euro
painting, 200 x 200 mm	10191	12.0 <sup>A</sup>	1	51.00

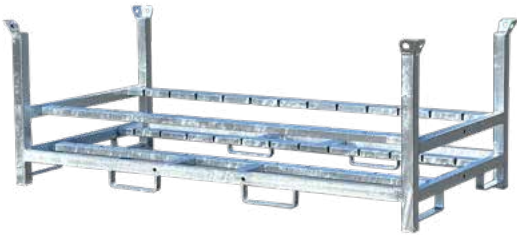


**Shaft cover**

for temporary covering of shafts during construction work  
Diameter: 780 mm x 10 mm



	Part-No.	Kg	Unit	Euro
made of sheet steel	20228	38.0 <sup>A</sup>	12	184.50



**Stackable pallet for shaft covers**

for transport and storage of shaft covers 8 or 10 mm thick, Ø 780 mm the pallet can be combined with our system part-no. 3B214 for base plates, panel fences and traffic panels, suitable for recording 12 pcs. shaft covers

	Part-No.	Kg	Unit	Euro
galvanized	3B214-3	105.0 <sup>B</sup>	1	675.00



**Shaft covers SET**

consisting of:  
1 x stackable pallet for shaft covers (part-No. 3B214-3)  
12 x shaft cover (part-No. 20228)

	Part-No.	Kg	Unit	Euro
galvanized	20228-SET	561.0 <sup>B</sup>	1	2800.00

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**i** Individual logo (max. 300 x 200 mm) possible on request

**Working umbrella type „Standard“**

high-quality working and welding umbrella as protection against the weather while any kind of outdoor work. Easy handling, easy transport, cotton fabric is water pressure resistant, rot proof and flame retardant; Aluminium frame 35/38 mm, anodised, with paragon rails, 10 panels, other colours available on request (standard: orange, green, olive)

Diameter: 2000 mm	Part-No.	Kg	Unit	Euro
color: olive	54200	5.0 <sup>A</sup>	1	on request
color: green	54200-G	5.0 <sup>A</sup>	1	180.00
color: orange	54200-O	5.0 <sup>A</sup>	1	on request
Diameter: 2500 mm				
color: olive	54250	6.5 <sup>A</sup>	1	300.00
color: green	54250-G	6.5 <sup>A</sup>	1	on request
color: orange	54250-O	6.5 <sup>A</sup>	1	on request
Diameter: 3000 mm				
color: olive	54300	8.5 <sup>A</sup>	1	420.00
color: green	54300-O	8.5 <sup>A</sup>	1	on request
color: orange	54300-G	8.5 <sup>A</sup>	1	on request



**Working umbrella type „Profi“**

same as above, aluminium frame 35/38 mm, anodised, 10 sections, at the end of the fibreglass rods are aluminium profiles to hold the umbrella skin, colours available on request (standard: orange, green, olive).

Diameter: 2500 mm	Part-No.	Kg	Unit	Euro
color: olive	54251	7.5 <sup>A</sup>	1	385.00
color: green	54251-G	7.5 <sup>A</sup>	1	on request
color: orange	54251-O	7.5 <sup>A</sup>	1	on request
Diameter: 3000 mm				
color: olive	54301	9.0 <sup>A</sup>	1	510.00
color: green	54301-G	9.0 <sup>A</sup>	1	on request
color: orange	54301-O	9.0 <sup>A</sup>	1	on request



**Work tent**

can be erected and dismantled in just a few minutes. Consists of high-quality PVC material, rot-proof, B1 flame-retardant, double safety seams, reinforced struts and robust buckles, easy to transport, all-round red and white warning stripes for safety. Centre height: 2100 mm, side height: 1650 mm; colour: white, other colours on request.

Floor space	Part-No.	Kg	Unit	Euro
dimensions: 2000 x 2000 mm	542020A	53.0 <sup>A</sup>	1	915.00
dimensions: 3000 x 2000 mm	543020A	59.0 <sup>A</sup>	1	1025.00
dimensions: 4500 x 2000 mm	544520A	70.0 <sup>A</sup>	1	1450.00



**i** Individual logo (max. 800 x 600 mm) possible on request

**Pop-up Tents**

tent offers weather protection for all types of outdoor work. Can be set up by one person in a few seconds. Packed in a bag, light weight, easy to transport, fabric made of PVC, flame retardant, with red splash guard skirt, sturdy struts and reinforcement in the corners, frame made of fibreglass, firmly connected to the fabric, standard colour: white, other colours on request

	Part-No.	Kg	Unit	Euro
dimensions: 1400 x 1400 x 1500 mm	541414H15	9.0 <sup>A</sup>	1	1190.00
dimensions: 1800 x 1800 x 2000 mm	541818H20	13.5 <sup>A</sup>	1	1220.00
dimensions: 2100 x 2100 x 2000 mm	542121H20	15.0 <sup>A</sup>	1	1400.00
dimensions: 1800 x 2500 x 2000 mm	541825H20	16.0 <sup>A</sup>	1	1500.00
dimensions: 2500 x 2500 x 2000 mm	542525H20	18.5 <sup>A</sup>	1	1575.00
dimensions: 3000 x 3000 x 2150 mm	543030H21.5	25.0 <sup>A</sup>	1	2625.00
dimensions: 3500 x 3500 x 2150 mm	543535H21.5	34.0 <sup>A</sup>	1	3000.00



## Wooden trench bridge

for safe crossing of ditches and canals, galvanized steel frame, with access ramp for wheelchairs, prams, etc., wood cover and skirting of all-wood panel with several coatings. Slip-resistant cover all round, weather-resistant impregnation ensures long life, the side rails are equipped with red-white-red reflecting stripes. Both railings can be removed for space-saving transport and storage.

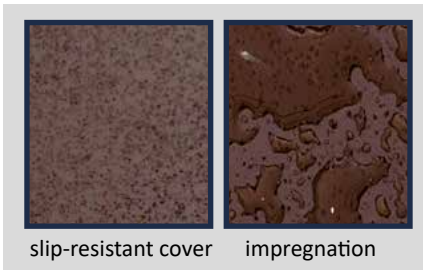
**this trench bridge complies with the workplace and ZTV-SA ordinance, load: 150 kg / m2**



	Part-No.	Kg	Unit	Euro
width: 1.00 m, length: 1.00 m	20250-10	43.0 <sup>B</sup>	5	194.00
width: 1.00 m, length: 1.70 m	20250	45.0 <sup>B</sup>	5	246.00
width: 1.00 m, length: 2.20 m	20251	55.0 <sup>B</sup>	5	271.00
width: 1.00 m, length: 2.70 m	20252	70.0 <sup>C</sup>	5	378.00
width: 1.00 m, length: 3.20 m	20254	100.0 <sup>C</sup>	5	438.00

### version: 1.50 m width

	Part-No.	Kg	Unit	Euro
width: 1.50 m, length: 2.00 m	20251-15	48.5 <sup>B</sup>	5	365.00
width: 1.50 m, length: 2.70 m	20252-15	95.5 <sup>C</sup>	5	505.00
width: 1.50 m, length: 3.20 m	20254-15	118.5 <sup>C</sup>	5	590.00



slip-resistant cover

impregnation

The impregnation of the wood elements protects them from bad weather and makes the bridge durable



## Stackable pallet for trench bridges

incl. crane hooks and fixation point for lashing straps. For practicable and easy loading and unloading the carrying cross tubes are welded higher than the longitudinal tubes. Suitable for holding 10 wooden or 5 aluminium trench bridges 1.00 m wide.

outer dimensions: 1.39 m x 1.18 m x 1.28 m  
inner dimensions: 1.30 m x 1.08 m x 1.09 m

	Part-No.	Kg	Unit	Euro
galvanized	50119	38.0 <sup>B</sup>	1	243.00

## Wooden trench bridge SET

consisting of:  
10 x wooden trench bridge (part-no. 20251)  
1 x stacking pallet for trench bridges (part-no. 50119)  
1 x lashing strap (part-no. 50352-4)



	Part-No.	Kg	Unit	Euro
	20251-SET	680.0 <sup>B</sup>	1	2870.00





### Steel/Aluminium trench bridge

for safe crossing of ditches and canals, galvanized steel frame, with access ramp for wheelchairs, prams, etc., floor cover of anti-slip aluminium checker plate (4/5 mm) and skirting of aluminium square section and firmly bolted to the supporting construction. The side rails are equipped with red-white-red reflecting stripes. Both railings can be folded down for space-saving transport and storage.

**this trench bridge complies with the workplace and ZTV-SA ordinance, load: 200 kg / m<sup>2</sup>**

	Part-No.	Kg	Unit	Euro
width: 1.00 m, length: 1.70 m	20270	54.0 <sup>B</sup>	5	680.00
width: 1.00 m, length: 2.20 m	20271	67.0 <sup>B</sup>	5	750.00
width: 1.00 m, Länge: 2.70 m	20272	79.0 <sup>C</sup>	5	910.00
width: 1.00 m, length: 3.20 m	20273	92.0 <sup>C</sup>	5	1095.00
width: 1.20 m, length: 2.70 m	2027212	100.0 <sup>C</sup>	5	1235.00
width: 1.20 m, length: 3.20 m	2027312	120.0 <sup>C</sup>	5	1700.00
width: 1.30 m, length: 4.00 m	2027413	300.0 <sup>D</sup>	5	3020.00
width: 1.30 m, length: 5.00 m	2027513	360.0 <sup>D</sup>	5	3800.00
width: 1.30 m, length: 6.00 m	2027613	430.0 <sup>D</sup>	5	4050.00

**i** This trench bridge complies to the workplace and ZTV-SA regulation



### Stackable pallet for trench bridges

incl. crane hooks and fixation point for lashing straps. For practicable and easy loading and unloading the carrying cross tubes are welded higher than the longitudinal tubes. Suitable for holding 10 wooden or 5 aluminium trench bridges 1.00 m wide.

outer dimensions: 1.39 m x 1.18 m x 1.28 m  
inner dimensions: 1.30 m x 1.08 m x 1.09 m

	Part-No.	Kg	Unit	Euro
galvanized	50119	38.0 <sup>B</sup>	1	243.00

### Steel/aluminium trench bridge SET

consisting of:

- 5 x steel/aluminium trench bridge (part-no. 20271)
- 1 x stacking pallet for trench bridges (part-no. 50119)
- 1 x lashing strap (part-no. 50352-4)



Part-No.	Kg	Unit	Euro
20271-SET	390.0 <sup>B</sup>	1	3880.00

**i** Alu trench bridge 4, 5 or 6 m incl. statics calculation. Please request separately



This trench bridge complies to the workplace and ZTV-SA regulatio



## Aluminium trench bridge

for safe crossing over ditches and channels, completely made of aluminum, with ramp for wheelchairs, prams, etc. floor cover of anti-slip aluminum checker plate (3 / 4 mm) and skirting of square section and firmly bolted to the supporting construction. Side protection of the footwell by aluminum toe boards. The foldable side rails are equipped with red-white-red reflecting stripes.

### Advantages:

- Carrying handles welded on both sides allow ergonomic handling
- Four integrated stacking brackets allow safe transport and a tidy storage
- Four built-in eyelets allow the bridges to be secured against slipping with the ground nail part-no. 30W80

	Part-No.	Kg	Unit	Euro
width: 1.00 m, length: 1.70 m	20280	34.0 <sup>B</sup>	1	754.00
width: 1.00 m, length: 2.20 m	20281	42.0 <sup>B</sup>	1	845.00
width: 1.00 m, length: 2.70 m	20282	51.0 <sup>C</sup>	1	1015.00
width: 1.00 m, length: 3.20 m	20283	59.0 <sup>C</sup>	1	1212.00
width: 1.00 m, length: 4.50 m	20284	96.0 <sup>D</sup>	1	1965.00
width: 1.00 m, length: 5.50 m	20285	116.0 <sup>D</sup>	1	2655.00
width: 1.00 m, length: 6.50 m	20286	185.0 <sup>D</sup>	1	3285.00

### with safety railing

	Part-No.	Kg	Unit	Euro
width: 1.00 m, length: 2.20 m	20281-S	48.0 <sup>B</sup>	1	995.00
width: 1.00 m, length: 2.70 m	20282-S	58.0 <sup>B</sup>	1	1195.00
width: 1.00 m, length: 3.20 m	20283-S	68.0 <sup>C</sup>	1	1385.00

additional grab handles can be ordered separately

	Part-No.	Kg	Unit	Euro
grab handles	20280G	1.0 <sup>A</sup>	12	21.50



## Aluminium trench bridge SET

consisting of:

- 5 x aluminium trench bridge (part-no. 20281)
- 1 x stacking pallet for trench bridges (part-no. 50119)
- 1 x lashing strap (part-no. 50352-4)



	Part-No.	Kg	Unit	Euro
without safety railing	20281-SET	250.0 <sup>B</sup>	1	4340.00
with safety railing	20281-S-SET	284.0 <sup>B</sup>	1	5070.00

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**Aluminium trench bridge**

for safe crossing of ditches and canals, completely made of aluminium, with access ramp for wheelchairs, prams, etc., floor cover of anti-slip aluminium checker plate (3/4 mm). The side rails are equipped with red-white-red reflecting stripes. Carry handles on both sides allow an ergonomic handling, 4 angles for stacking allow a safe transport and storage, bridges can be saved on ground by ground pegs 30W80



	Part-No.	Kg	Unit	Euro
width: 1.30 m, length: 2.20 m	2028113	48.0 <sup>B</sup>	5	1220.00
width: 1.30 m, length: 2.70 m	2028213	62.5 <sup>C</sup>	5	1545.00
width: 1.30 m, length: 3.20 m	2028313	72.0 <sup>C</sup>	5	2015.00
width: 1.30 m, length: 4.00 m	2028413	112.0 <sup>D</sup>	5	3300.00
width: 1.30 m, length: 5.00 m	2028513	135.0 <sup>D</sup>	5	4100.00
width: 1.30 m, length: 6.00 m	2028613	180.0 <sup>D</sup>	5	4500.00

additional grab handles can be ordered separately



	Part-No.	Kg	Unit	Euro
grab handles	20280G	1.0 <sup>B</sup>	12	21.50

**Fixing peg type 1**

this peg is especially suitable for fixing steel anchor plates in the ground, because of the passage on the forged head it can be easily removed by remout-adapter or crowbar



Diameter 25 mm	Part-No.	Kg	Unit	Euro
600 mm	312506	2.4 <sup>A</sup>	5	16.10



## Plastic trench bridge

for safe crossing of ditches and canals, useable surface made of non-slip plastics, with railings made of galvanized steel that can be inserted laterally. With carry handle and touch strip, the railings are equipped with red-white-red reflecting stripes, load: 1000 kg

	Part-No.	Kg	Unit	Euro
width: 1.00 m, length: 1.70 m	20261	35.0 <sup>B</sup>	10	360.00

**i** plastic surface can be changed in width, for further use



## Stackable pallet for trench bridges

incl. crane hooks and fixation point for lashing straps. For practicable and easy loading and unloading the carrying cross tubes are welded higher than the longitudinal tubes. Suitable for holding 10 wooden or 5 aluminium trench bridges 1.00 m wide.

outer dimensions: 1.39 m x 1.18 m x 1.28 m  
inner dimensions: 1.30 m x 1.08 m x 1.09 m

	Part-No.	Kg	Unit	Euro
galvanized	50119	38.0 <sup>B</sup>	1	243.00



## Plastic trench bridge SET

consisting of:  
7 x plastic trench bridge (part-no. 20261)  
1 x stacking pallet for trench bridges (part-no. 50119)  
1 x lashing strap (part-no. 50352-4)

	Part-No.	Kg	Unit	Euro
	20261-SET	290.0 <sup>B</sup>	1	2690.00

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**Plastic trench bridge**

for safe crossing of ditches and canals, plastic, anti-slip floor, connecting of elements possible by steel clamps, load: 44 tons max.  
Max. width of trenches: 70 cm, dimensions: 1.50 x 0.50 m

	Part-No.	Kg	Unit	Euro
center piece	20260	43.0 B	1	444.00
end piece	20260E	23.0 B	1	565.00



**Crossing plate made of steel**

with 4 holes for crane transport, sheet thickness 20 mm, steel grade: S235JR



	Part-No.	Kg	Unit	Euro
2.00 m x 3.00 m	20262030	942.0 C	1	1920.00
1.50 m x 3.00 m	20261530	706.5 C	1	1440.00
1.25 m x 3.00 m	20261230	588.8 C	1	1200.00
2.00 m x 2.50 m	20262025	785.0 C	1	1600.00
1.50 m x 2.50 m	20261525	588.8 C	1	1200.00
1.25 m x 2.50 m	20261225	490.6 C	1	1000.00
2.00 m x 2.00 m	20262020	628.0 B	1	1280.00
1.50 m x 2.00 m	20261520	471.0 B	1	960.00
1.25 m x 2.00 m	20261220	392.5 B	1	800.00



**Cold asphalt for ramps**

polymer bitumen emulsion solution, ready for use, two-component special asphalt repair mortar, cold processable

	Part-No.	Kg	Unit	Euro
	2026150	20.0 A	1	48.00



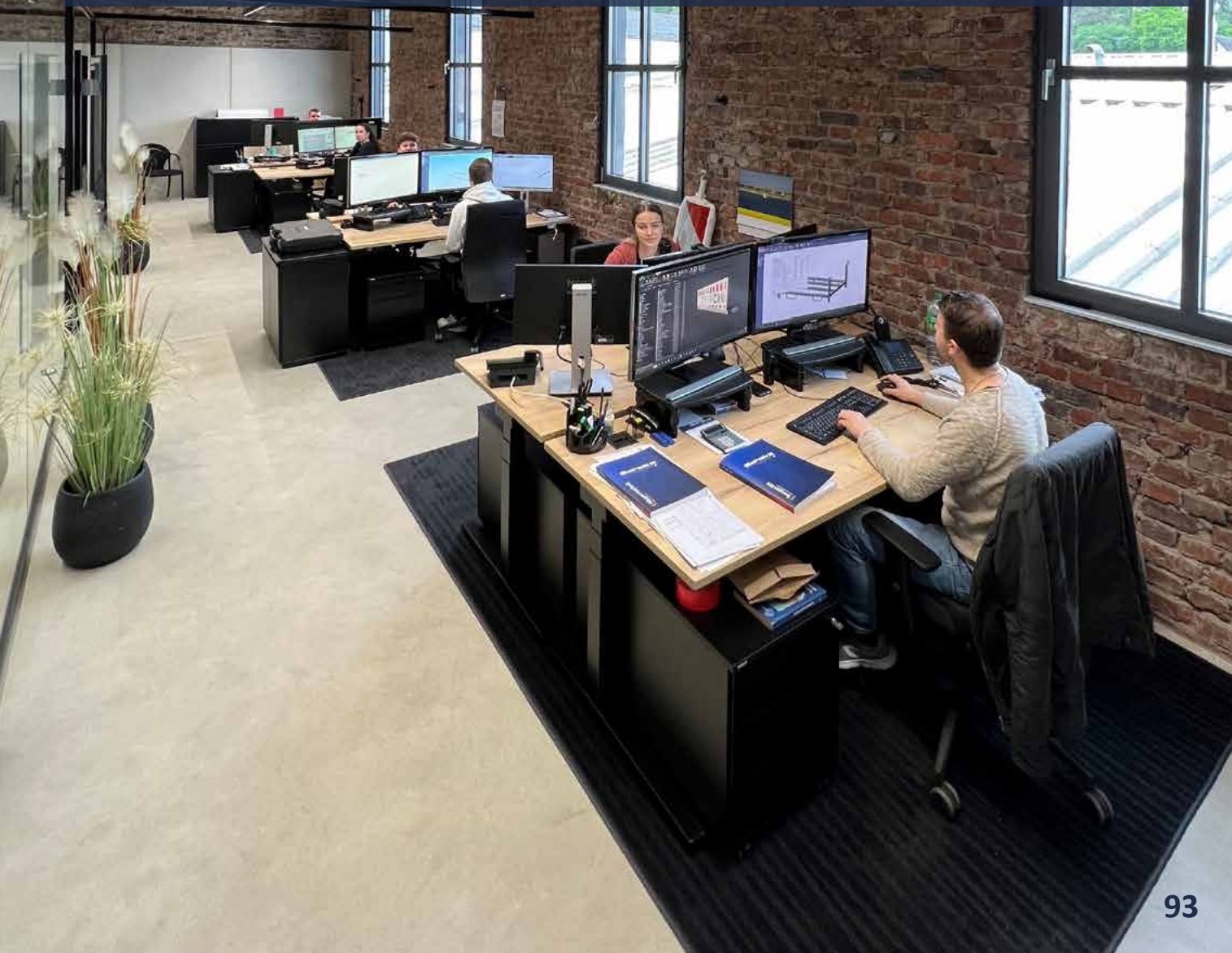
## Special shoring bridges acc. to your individual requirements!

A standard solution for bridging ditches and shafts is often not enough for requirements on civil engineering sites.

We want to provide added value to our customers, not off-the-peg problem solutions but solutions tailored to the concrete requirements of your situation. To enable us to provide the optimum service, our experts invest their experience for your benefit to develop your individual shoring bridge together with you.

## The quick route to your individual shoring bridge:

1. You need a special solution for a temporary bridge construction.
2. Please contact our experts and explain your problem to them or simply mail us a rough sketch with your idea of what the bridge construction should look like.
3. We develop a convincing design and send you a technical design drawing.
4. You may want changes to be made to the design, and we will make the changes until the design is satisfactory to you.
5. We manufacture your special bridge construction in highest quality.



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

## Mobile fence

Mobile fence  
Storage and transport pallet  
Mobile fence sets  
Base plates  
Mobile fence accessories  
Construction and event security  
Concrete guide walls  
Ground pegs  
Wooden mobile fence  
Crowd barrier

Schake

Traffic safety

Infrastructure building

Mobile fence

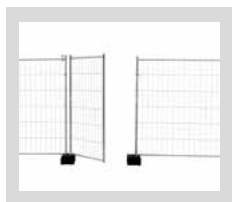
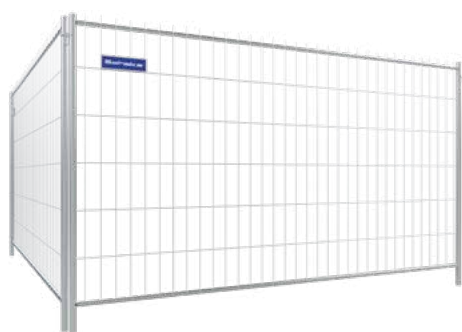
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Mobile fence „Standard“**

as barrier around construction sites, mobile fence pre-galvanized, with tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 3.4 mm, wire size horizontal: 3.8 mm, 33 vertical wires, 5 horizontal wires, projecting wire ends as climb-over protection, easy handling, appropriate quality

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035	16.0 c	35	68.50

<b>Element with hooks and eyes</b> width 3.50 m, height: 2.00 m	3B2035H	16.0 c	35	71.30
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<b>Compensation element</b> width: 2.20 m, height: 2.00 m	3B2022	11.5 B	35	63.40
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<b>Door element</b> width: 1.20 m, height: 2.00 m	3B2012	7.0 B	10	60.60
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**Mobile fence „Standard Pro“**

as barrier around construction sites, mobile fence pre-galvanized, with tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 30.0 mm, mesh size: vertical: 100 mm, horizontal: 260 mm, wire size vertical: 3.2 mm, wire size horizontal: 3.2 mm, 33 vertical wires, 5 horizontal wires, projecting wire ends as climb-over protection, easy handling, appropriate quality, height: 2.00 m, width: 3.50 m

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035PRO	16.0 c	35	76.60

<b>Element with hooks and eyes</b> width 3.50 m, height: 2.00 m	3B2035PROH	16.0 c	35	78.40
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**Mobile fence „Protect“**

as fence around construction sites, mobile site fence pre-galvanized, tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 30.0 mm, mesh size: vertical: 100 mm, horizontal: 260 mm, wire size vertical: 3.2 mm, horizontal: 4.0 mm, 33 vertical wires, 8 horizontal wires, incl. welded center

Element with crossbar	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035P	17.5 c	35	72.50



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Mobile fence „Standard“**

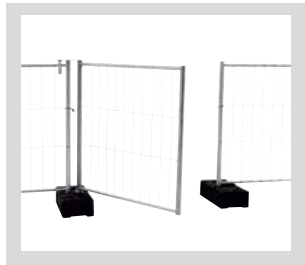
as fence around construction sites, mobile site fence pre-galvanized, with tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 3.4 mm, wire size horizontal: 3.8 mm, 33 vertical wires, 2 horizontal wires, without projecting wire ends, easy handling, appropriate quality



Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 1.20 m	3B1235	10.5 <sup>c</sup>	35	61.70

**Element with hooks and eyes**

width: 3.50 m, height: 1.20 m	3B1235H	10.5 <sup>c</sup>	35	63.50
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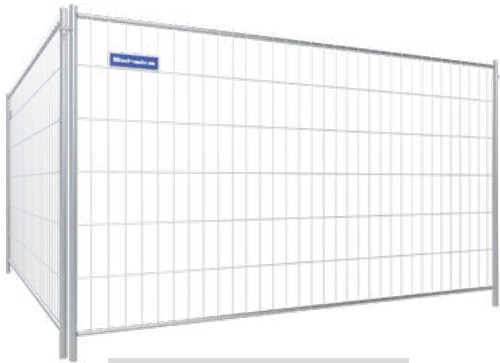


**Compensation element**

width: 2.20 m, height: 1.20 m	3B1222	8.0 <sup>B</sup>	35	60.60
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**Door element**

width: 1.20 m, height: 1.20 m	3B1212	6.5 <sup>B</sup>	10	51.60
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**Mobile fence „Light“**

as fence around construction sites, mobile site fence pre-galvanized, with tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 2.5 mm, wire size horizontal: 3.0 mm, 33 vertical wires, 5 horizontal wires, easy handling due to the light weight



Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035L	13.0 <sup>c</sup>	35	57.80

**Element with hooks and eyes**

width: 3.50 m, height: 2.00 m	3B2035LH	13.0 <sup>c</sup>	35	61.50
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**Mobile fence „Cloud“**

as fence around construction sites, mobile site fence pre-galvanized, tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 2.5 mm, horizontal: 2.5 mm, 33 vertical wires, 5 horizontal wires, easy handling due to the light weight

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035C	11.5 <sup>c</sup>	40	53.30

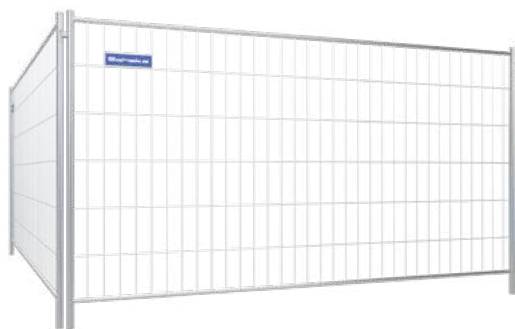


## Mobile fence „Secure“

as fence around construction sites, mobile site fence pre-galvanized, with tubular frame all around, vertical tubes  $\varnothing$  40.0 mm, horizontal tubes  $\varnothing$  26.9 mm, mesh size: vertical: 30 mm, horizontal: 160 mm, wire size vertical: 3.0 mm, wire size horizontal: 3.8 mm, 112 vertical wires, 10 horizontal wires, especially secure version due to the close mesh network, width: 3.50 m, height: 2.00m

	Part-No.	Kg	Unit	Euro
<b>Element Secure</b>	3B2035S	25.0 c	35	111.10
<b>Element Secure Light</b>	3B2035SL	15.5 c	35	98.00

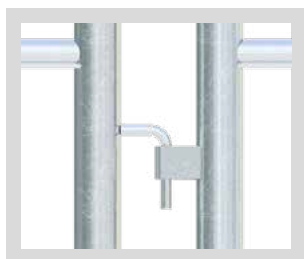
	Mesh size:	Wire thickness:
<b>standpipes</b> $\varnothing$ 40.0 mm	vertical: 43 mm	vertical: 2.2 mm
horizontal tubes $\varnothing$ 30.0 mm	horizontal: 262 mm	horizontal: 3.2 mm



## Mobile fence „Profi“

as fence around construction sites, mobile site fence hot-dip galvanized, with tubular frame all around, vertical tubes  $\varnothing$  42.0 mm, horizontal tubes  $\varnothing$  26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 3.5 mm, wire size horizontal: 4.0 mm, 33 vertical wires, 7 horizontal wires, professional quality for all requirements

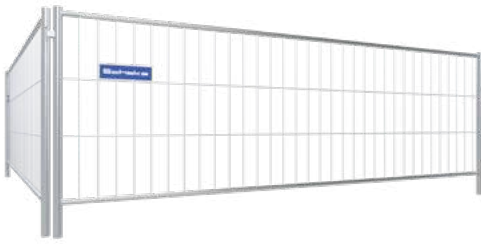
Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036	19.0 c	35	80.30
<b>Element with hooks and eyes</b> width: 3.50 m, height: 2.00 m	3B2036H	19.0 c	35	82.20
<b>Compensation element</b> width: 2.20 m, height: 2.00 m	3B2023	16.0 B	35	75.30
<b>Compensation element with hooks and eyes</b> width: 2.20 m, height: 2.00 m	3B2023H	16.0 B	35	74.10
<b>Door element</b> width: 1.20 m, height: 2.00 m	3B620	10.0 B	10	66.70



For all mobile fences „Profi“:



More stability because the cross tube welded in the standpipe!



**Mobile fence „Profi“**

as fence around construction sites, mobile site fence hot-dip galvanized, tubular frame all around, vertical tubes Ø 42.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size horizontal: 4.0 mm, vertical: 3.5 mm, 33 vertical wires, 4 horizontal wires. Professional quality for all requirements

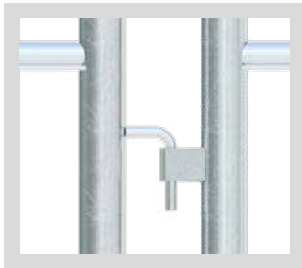
Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 1.20 m	3B1236	13.0 c	35	66.20

Element with hooks and eyes	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 1.20 m	3B1236H	13.0 c	35	68.20

Compensation element	Part-No.	Kg	Unit	Euro
width: 2.20 m, height: 1.20 m	3B1223	8.0 b	35	59.90

Compensation element with hooks and eyes	Part-No.	Kg	Unit	Euro
width: 2.20 m, height: 1.20 m	3B1223H	8.0 b	35	62.00

Door element	Part-No.	Kg	Unit	Euro
width: 1.20 m, height: 1.20 m	3B3612	7.0 b	10	54.00



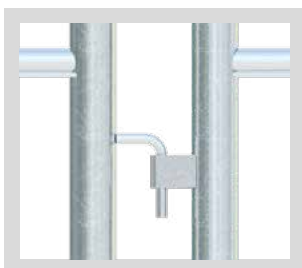
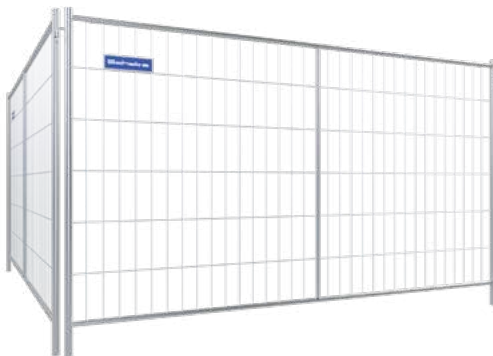
**Mobile fence „Profi P“**

as fence around construction sites, mobile site fence hot-dip galvanized, tubular frame all around, vertical tubes Ø 42.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size horizontal: 4.0 mm, vertical: 3.5 mm, 33 vertical wires, 5 horizontal wires. Professional quality for all requirements

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036P	20.0 c	35	85.80

Element with hooks and eyes	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036PH	20.0 c	35	87.50

**i** Compensation and door element see page 97, line Profi.

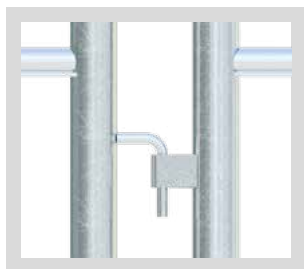


**Mobile fence „Profi S“**

as fence around construction sites, mobile site fence hot-dip galvanized, tubular frame all around, vertical tubes Ø 42.0 mm, horizontal tubes Ø 42.0 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size horizontal: 3.0 mm, vertical: 4.0 mm, 33 vertical wires, 7 horizontal wires. Hooks and eyes are welded to the sides of the vertical tubes for connecting mobile site fences (without inside cross tube)

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036SH	24.0 c	35	97.10





### Mobile fence „Profi Master“


as fence around construction sites, mobile site fence hot-dip galvanized, tubular frame all around, vertical tubes Ø 42.0 mm, horizontal tubes Ø 26.9 mm mesh size: vertical: 70 mm, horizontal: 300 mm, wire size horizontal: 4.0 mm, vertical: 5.0 mm, 44 vertical wires, 7 horizontal wires, welded bar for stabilisation. Professional quality for all requirements

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036M	25.0 c	35	107.60

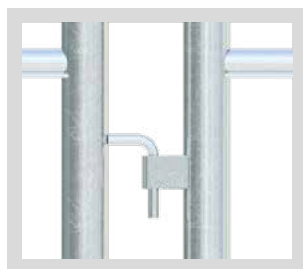
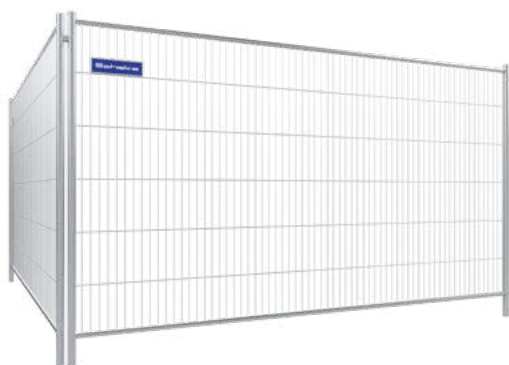
Element with hooks and eyes	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036MH	25.0 c	35	109.40

**i** Compensation and door element see page 97, line Profi





**i** For all mobile fences „Profi“:  
More stability because the cross tube welded in the standpipe!



### Mobile Fence „Profi Resistant“

as fence around construction sites, mobile site fence hot-dip galvanized, tubular frame all around (sank-in), vertical tubes Ø 42.0 mm, horizontal tubes Ø 26.9 mm mesh size: vertical: 300 mm, horizontal: 50 mm, wire size horizontal: 3.8 mm, vertical: 2.4 mm, 67 vertical wires, 7 horizontal wires. Due to the tight mesh, overclimbing is much more difficult, the horizontal tube is welded in standpipe

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036R	18.5 c	35	94.50

Element with hooks and eyes	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2036RH	18.5 c	35	96.30

**i** Compensation and door element see page 97, line Profi

Traffic safety

Infrastructure building

Mobile fence

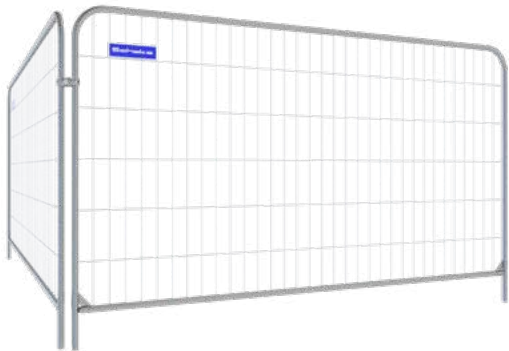
Formwork

Building support safety

Storage - transport

Building site installation

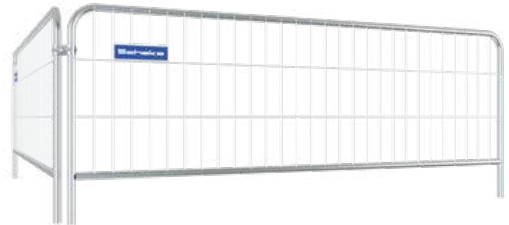
Barrier free construction site



**Mobile fence „Economy“**

as fence around construction sites, mobile site fence pre-galvanized, tubular frame all around, vertical tubes Ø 38.0 mm welded with horizontal tube Ø 38.0 mm, edges on the bottom strengthened by gusset plate, mesh size: vertical: 260 mm, horizontal: 100 mm, wire size horizontal: 3.2 mm, vertical: 2.2 mm, easy handling because of low weight

Element	Part-No.	Kg	Unit	Euro
width: 3.50 m, height: 2.00 m	3B2035E	13.4 c	35	57.60



**Mobile fence „Event“**

as barrier fence especially during events, mobile fence 3.00 m x 1.20 m, pre-galvanized, with tubular frame all around, tubes Ø 38.0 mm, mesh size: vertical: 290 mm, horizontal: 100 mm, wire size vertical: 3.3 mm, wire size horizontal: 3.3 mm, 29 vertical wires, 4 horizontal wires

Element	Part-No.	Kg	Unit	Euro
galvanized	3B1230	10.5 c	35	66.90



**Barricade panel 100 mm high, for mobile panel fences**

Barricade panel, 1.60 m long, with special chamfer for mobile panel fence brackets, with film RA1/A red / white

Element	Part-No.	Kg	Unit	Euro
galvanized	32116	1.3 b	2	12.20



**Holders for barricade panels on mobile panel fences**

barricade panels part-no. 32116 or 34162 can be inserted and locked using special contours on the bracket. The bracket is simply hooked into the mesh of the mobile panel fence and fixed with a screw.

Element	Part-No.	Kg	Unit	Euro
galvanized + coated red	3B20H1	0.3 a	1	15.80

**i Mobile fence overview**

Designation	Mesh size in mm	Wire Ø horizontal	Wire Ø vertical	Weight in Kg
Standard	100 x 300	3.8	3.4	16.0
Standard Pro	100 x 260	3.2	3.2	16.0
Protect	100 x 260	4.0	3.2	17.5
Light	100 x 300	3.0	2.5	13.0
Cloud	100 x 300	2.5	2.5	11.5
Secure	30 x 160	3.8	3.0	25.0
Secure Light	43 x 262	3.2	2.2	15.4
Profi	100 x 300	3.5	4.0	19.0
Profi P	100 x 300	4.0	3.0	19.0
Profi S	100 x 300	4.0	3.0	24.0
Profi Master	70 x 300	5.0	4.0	25.0
Profi Resistant	50 x 300	3.8	2.4	18.5
Economy	100 x 260	3.2	2.2	13.4
Event	100 x 290	3.3	3.3	10.5



### Mobile fence „Trapez 1.20 m“

as barrier fence especially during events, length: 2.20 m  
height: 1.20 m, galvanized steel frame with profiled metal sheet, vertical tubes of round tube Ø 42.4 mm, cross tubes 60 mm x 40 mm, can be linked by clamp part-no. 3VB10, can be set up on all standard base plates

	Part-No.	Kg	Unit	Euro
galvanized	3B1222V	28.0 <sup>B</sup>	25	138.00
sheet metal panel: blue	3B1222B	28.0 <sup>B</sup>	25	147.00
sheet metal panel: blue / yellow	3B1222BG	28.0 <sup>B</sup>	25	147.00
sheet metal panel: red	3B1222R	28.0 <sup>B</sup>	25	147.00
sheet metal panel: red / yellow	3B1222RG	28.0 <sup>B</sup>	25	147.00
sheet metal panel: red / white	3B1222RW	28.0 <sup>B</sup>	25	147.00

**i** Minimum purchase: 1 packing unit

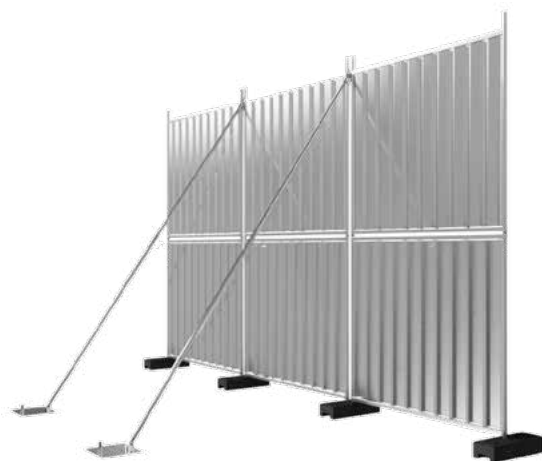


### Mobile fence „Trapez 2.00 m“

as barrier fence especially during events, length: 2.20 m  
height: 2.00 m, galvanized steel frame with profiled metal sheet, vertical tubes of round tube Ø 42.4 mm, cross tubes 60 mm x 40 mm, can be linked by clamp, part-no. 3VB10, can be set up on all standard base plates

	Part-No.	Kg	Unit	Euro
galvanized	3B2022V	35.0 <sup>B</sup>	25	188.00
sheet metal panel: blue	3B2022B	35.0 <sup>B</sup>	25	213.00
sheet metal panel: blue / yellow	3B2022BG	35.0 <sup>B</sup>	25	213.00
sheet metal panel: red	3B2022R	35.0 <sup>B</sup>	25	213.00
sheet metal panel: red / yellow	3B2022RG	35.0 <sup>B</sup>	25	213.00
sheet metal panel: red / white	3B2022RW	35.0 <sup>B</sup>	25	213.00

**i** Minimum purchase: 1 packing unit



### Mobile fence support strut 4.00 m

stabilizes stacked mobile fence elements with a height of approx. 4 m, with base plate that enables an universal fixing on the ground by borings and a welded connecting piece, 2 x connecting clamp part-no. 3VB10 for fixing on fence and 1 x ground peg part-no. 30W80H for fixing support strut on the ground included

	Part-No.	Kg	Unit	Euro
galvanized	3B1544	24.0 <sup>B</sup>	15	126.00

### Adapter piece

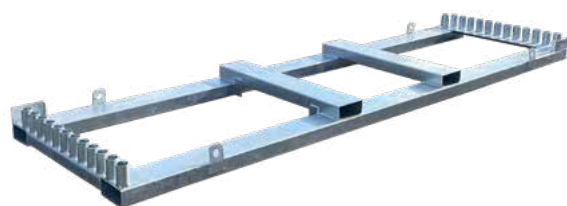
for connecting two fences in the height, by easily stacking in the adapter piece, fences can be stacked to 4 m height and be safed by support strut part-no. 3B1544



	Part-No.	Kg	Unit	Euro
galvanized	3B157	2.0 <sup>A</sup>	20	11.10



Can be accessed from both sides with a fork-lift.



### Storage and transport pallet for mobile fences

galvanized steel construction, suitable for transport by fork-lift truck or crane, dimensions: 3.56 m x 1.02 m

	Part-No.	Kg	Unit	Euro
for 25 mobile fences	3B210	100.0 c	1	520.00
for 29 mobile fences	3B211	110.0 c	1	530.00

**i** For mobile fences: stand pipe max.  $\varnothing$  40 mm - cross pipe max.  $\varnothing$  29 mm



### Box for connection clamps

adaption for storage and transport pallet 3B211, steel construction for inlaying in pallet, for putting in accessory like connection clamps, with handles

	Part-No.	Kg	Unit	Euro
galvanized	3B211-W	22.7 B	1	127.00



### Storage and transport pallet for base plates

galvanized steel construction holds 30 base plates (3F110, 3F111, 3F112, 3F113), combinable with part-no. 3B211, welded fork lift pockets for transport by fork-lift, stackable together with storage and transport crossbar for mobile fences, dimensions: 3.56 m x 1.02 m

	Part-No.	Kg	Unit	Euro
galvanized	3B215	140.0 c	1	575.00

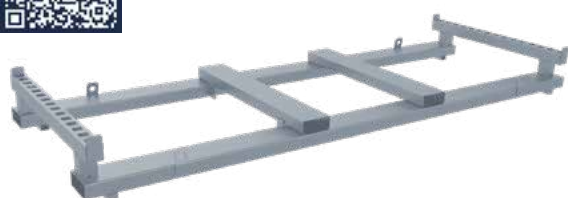
Suitable for base plates of concrete or recycled plastic material



### Storage and transport pallet for mobile fences

pallet for horizontal transport and storage of mobile fences, galvanized steel construction, quantity depends on type of mobile fence, can be moved by fork lift or crane, removable tubes for easy remove and assembly incl. bores for fixing of lashing straps

	Part-No.	Kg	Unit	Euro
for 60 mobile fences, overall height 2.30 m	3B209FG	99.5 c	1	560.00
for 30 mobile fences, overall height 1.20 m	3B209FK	86.0 c	1	530.00



### Storage and transport pallet type L for mobile fences

galvanized steel construction for 30 mobile fences 3.50 m length, the fence can be easily inserted into the intended holes even it is slightly deformed or dirty, can be moved on 4 sides, capacity: 30 pcs, dimensions: 3.39 x 1.20 m

	Part-No.	Kg	Unit	Euro
galvanized	3B213	109.0 c	1	460.00



**i** The stored base plates are secured inside the pallet by laterally, foldable mounts. By simple folding of those mounts, the base plates can be taken out of the pallet without any obstacle for a very smooth handling.

## Twin pallet 30

for 30 mobile fences and 30 feet an efficient solution for several uses, especially for construction sites where mobile fences will be often set and removed, fences and feet can be uploaded together, box for accessories can be hang in toolless, ideal solution for transport and stocking of these products.

Twin pallet is made of strong steel construction, welded and hot-dip galvanized

- max. stand tube diameter:  $\varnothing$  42.4 mm
- max. cross bar diameter:  $\varnothing$  26.9 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B212T	160.0 <sup>c</sup>	1	915.00

## Box for connection clamps

adaption for twin pallet 3B212T, steel construction for inlaying in pallet for putting in accessory like connection clamps, handles allow connecting on front of the twin pallet



	Part-No.	Kg	Unit	Euro
galvanized	3B212T-W	11.9 <sup>A</sup>	1	118.00

## Twin pallet 15

for 15 mobile fences and 15 feet an efficient solution for several uses, especially for construction sites where mobile fences will be often set and removed, fences and feet can be uploaded together, box for accessories can be hang in toolless, ideal solution for transport and stocking of these products.



Twin pallet is made of strong steel construction, welded and hot-dip galvanized

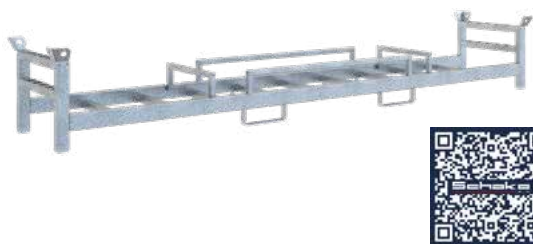
- max. stand tube diameter:  $\varnothing$  42.4 mm
- max. cross bar diameter  $\varnothing$  26.9 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B212T-15	139.7 <sup>c</sup>	1	740.00

## Twin pallet 10

for 10 mobile fences and 10 feet an efficient solution for several uses, especially for construction sites where mobile fences will be often set and removed, fences and feet can be uploaded together. An optimal solution for transport, storage and management of products

- Max. stand tube diameter:  $\varnothing$  42.4 mm - Max. cross bar diameter:  $\varnothing$  26.9 mm



	Part-No.	Kg	Unit	Euro
galvanized	3B212T-10	78.0 <sup>c</sup>	1	525.00

## Combi pallet

for transport and storage of 30 mobile fence elements (3.50 m long) and 31 base plates, feet secured by the lower first and higher last site fence element, dimensions: 1.14 m x 3.53 m, maximum load: 1.6 t



	Part-No.	Kg	Unit	Euro
galvanized	3B211K	185.0 <sup>c</sup>	1	1200.00

**i** Also available as a packed set

Fences and feet can be unloaded together and set up directly. Suitable for concrete feet and feet of recycled plastic material.



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

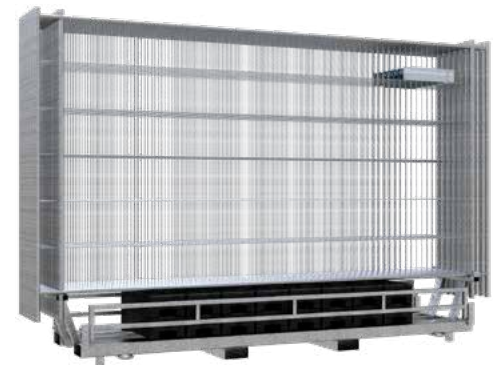
Barrier free construction site



**Mobile fence set with twin pallet**

- consisting of:
- 30 x mobile fence
- 30 x base plate of recycled plastic material (part-no. 3F110)
- 30 x connecting clamp (part-no. 3VB10L)
- 1 x twin pallet (part-no. 3B212T)

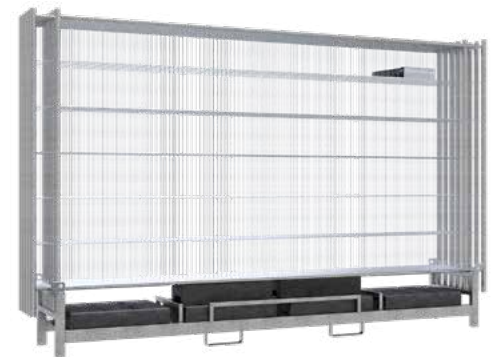
	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3B212T-SET1	1150.0 c	1	3090.00
incl. mobile fence „Standard“	3B212T-SET2	1240.0 c	1	3400.00
incl. mobile fence „Profi“ with hooks and eyes	3B212T-SET3	1330.0 c	1	3800.00



**Mobile fence set with twin pallet 15**

- 15 x mobile fence
- 15 x base plate of recycled plastic material (part-no. 3F110)
- 15 x connecting clamp (part-no. 3VB10L)
- 1 x twin pallet (part-no. 3B212T-15)

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3B212T-15-SET1	634.2 c	1	1820.00
incl. mobile fence „Standard“	3B212T-15-SET2	703.2 c	1	1970.00
incl. mobile fence „Profi“ with hooks and eyes	3B212T-15-SET3	700.0 c	1	2170.00

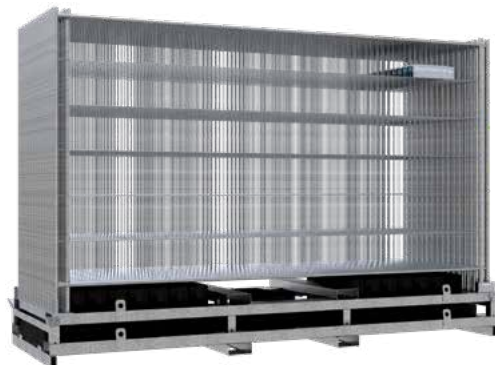


**Mobile fence set with twin pallet 10**

- 10 x mobile fence
- 10 x base plate of recycled plastic material (part-no. 3F110)
- 1 x twin pallet (part-no. 3B212T-10)



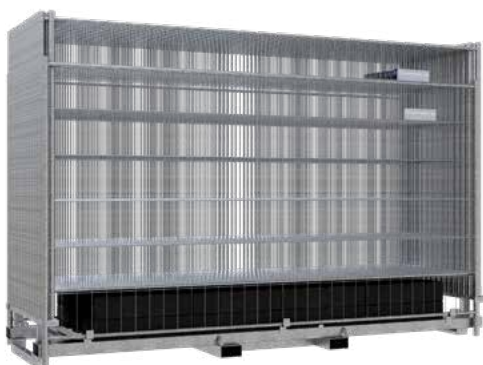
	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3B212T-10-SET1	407.3 c	1	1210.00
incl. mobile fence „Standard“	3B212T-10-SET2	437.3 c	1	1320.00
incl. mobile fence „Profi“ with hooks and eyes	3B212T-10-SET3	437.3 c	1	1450.00



**Mobile fence set with storage and transport tie-bar**

- consisting of:
- 29 x mobile fence
- 29 x base plate of recycled plastic material (part-no. 3F110)
- 29 x connecting clamp (part-no. 3VB10L)
- 1 x storage and transport tie-bar for fences (part-no. 3B211)
- 1 x storage and transport tie-bar for feet (part-no. 3B215)

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3B211-SET1	1185.0 c	1	3200.00
incl. mobile fence „Standard“	3B211-SET2	1223.0 c	1	3500.00
incl. mobile fence „Profi“ with hooks and eyes	3B211-SET3	1310.0 c	1	3880.00



**Mobile fence set with combi pallet and connecting clamp**

consisting of:

- 30 x mobile fence
- 30 x base plate of recycled plastic material (part-no. 3F110L)
- 1 x combi pallet for fences and feet (part-no. 3B211K)
- 30 x connecting clamp (part-no. 3VB10L)

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3B211K-SET1	1079.0 c	1	3280.00
incl. mobile fence „Standard“	3B211K-SET2	1217.0 c	1	3600.00
incl. mobile fence „Profi“ with hooks and eyes	3B211K-SET3	1344.0 c	1	3990.00



**Mobile fence set**

consisting of:

- 20 x mobile fence
- 20 x connecting clamp (part-no. 3VB10)
- 21 x base plate of recycled plastic material (part-no. 3F110L)
- 1 x Construction mobile fence transport pallet (part-no. 3B216)



	Part-No.	Kg	Unit	Euro
incl. mobile fence „Cloud“	BZ-20CLOUD	691.4 c	1	1510.00
incl. mobile fence „Standard“	BZ-20STANDARD	841.4 c	1	1800.00
incl. mobile fence „Profi“ with hooks and eyes	BZ-20PROFI	806.6 c	1	2070.00



**Mobile fence set with storage and transport tie-bar for 2.20 m mobile fences**

consisting of:

- 20 x mobile fence
- 1 x storage and transport tie-bar (part-no. 32000)

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Standard“	32000-SET1	310.0 B	1	1780.00
incl. mobile fence „Profi“ with hooks and eyes	32000-SET2	400.0 B	1	2040.00

**i** Storage and transport pallets, pages 102-103

Traffic safety



**Base plate of concrete**

for stability of mobile fences, dimensions: width: 220 mm, length: 700 mm, height: 125 mm, with 6 holes Ø 42 mm for inserting the site fence tubes incl. carry handles

	Part-No.	Kg	Unit	Euro
concrete	3F100	36.0 <sup>s</sup>	24	12.00

Infrastructure building



**Base plate of concrete**

for stability of mobile fences, dimensions: width: 180 mm, length: 690 mm height: 130 mm, with 4 holes Ø 42.4 mm for inserting the site fence tubes incl. carry handles

	Part-No.	Kg	Unit	Euro
concrete	3F101	25.0 <sup>s</sup>	25	11.00

Mobile fence



**Base plate of concrete**

with 6 holes Ø 47 mm for inserting the site fences tubes, incl. carry handles width: 220 mm, length: 620 mm, height: 130 mm

	Part-No.	Kg	Unit	Euro
concrete	3F105	35.5 <sup>s</sup>	25	12.00

Formwork



**Base plate of recycled plastic material**

for stability of mobile fences, dimensions: width: 250 mm, length: 685 mm, height: 145 mm, with 6 holes Ø 42 mm for inserting the site fence tubes

	Part-No.	Kg	Unit	Euro
recycled material	3F112	24.0 <sup>s</sup>	50	15.50
recycled material	3F110	20.0 <sup>s</sup>	50	14.60

Building support safety



**Base plate of recycled plastic material**

for stability of mobile fences, dimensions: width: 250 mm, length: 685 mm, height: 135 mm, with 4 holes Ø 42 mm and 1 hole 60 mm x 60 mm for inserting the site fence tubes

	Part-No.	Kg	Unit	Euro
recycled material	3F113	26.0 <sup>s</sup>	50	17.00
recycled material	3F111	20.0 <sup>s</sup>	50	14.60

Storage - transport



**Base plate of recycled plastic material**

for stability of mobile fences, dimensions: width: 290 mm, length: 800 mm, height: 125 mm, with 4 holes Ø 42 mm and 2 holes Ø 40 mm x 40 mm for inserting the site fence tubes

	Part-No.	Kg	Unit	Euro
recycled material	3F110L	16.0 <sup>s</sup>	20	11.90

Building site installation

Barrier-free construction site



## Transport box for base plates

mesh box, for storage and transport of all kinds of mobile fence feet. 4 sides and bottom of steel grating with  $\varnothing$  4 mm wires. One long side removable for ease of loading and unloading the box. Loading: 5 base plates side by side, 7 feet stacked. The transport box is stackable and can be moved by fork-lift truck or crane. In addition to the main purpose, the transportation of base plates, the box can be used for storing all kinds of building material or tools. Inside dimensions: 1.43 m x 0.87 m x 0.94 m

	Part-No.	Kg	Unit	Euro
galvanized	3B231	96.0 <sup>B</sup>	1	535.00

## Storage and transport pallet for base plates

galvanized steel construction holds 30 base plates (3F110, 3F111, 3F112, 3F113), combinable with part-no. 3B211, welded fork lift pockets for transport by fork-lift truck, stackable together with storage and transport crossbar for mobile fences, dimensions: 3.56 m x 1.02 m

max. width of base plates: 260 mm, max. length of base plates: 690 mm, max. height of base plates: 150 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B215	140.0 <sup>C</sup>	1	575.00

## Stacking pallet for base plates

for storage and transport of 25 pcs. mobile fence base plates 3F110 and 3F112, uprights and crossbars are made of 50 mm x 50 mm square tube incl. flat steel for securing the lower layer of construction fence feet, filling dimensions: 1.30 m x 0.63 m x 0.90 m, with additional middle spar, suitable for fork-lift truck and pallet truck traffic as well as for crane operation, due to the contour of the tulip feet the stacking pallets can be stacked stable, lashing strap for securing the construction fence feet is included

max. width of base plates: 260 mm, max. length of base plates: 720 mm, max. height of base plates: 170 mm

	Part-No.	Kg	Unit	Euro
galvanized	50385V	38.0 <sup>B</sup>	1	188.00

## Twin pallet 30

for 30 mobile fences and 30 feet an efficient solution for several uses, especially for construction sites where mobile fences will be often set and removed, fences and feet can be uploaded together, box for accessories can be hang in toolless, ideal solution for transport and stocking of these products.

max. width of base plates: 260 mm, max. length of base plates: 730 mm, max. height of base plates: 170 mm

Twin pallet is made of strong steel construction, welded and hot-dip galvanized.

- max. stand tube diameter:  $\varnothing$  42.4 mm
- max. cross bar diameter:  $\varnothing$  26.9 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B212T	160.0 <sup>C</sup>	1	915.00



**i** The stored base plates are secured inside the pallet by laterally, foldable mounts. By simple folding of those mounts, the base plates can be taken out of the pallet without any obstacle for a very smooth handling.

Traffic safety



**Connecting clamp**

for mobile fences, with screw M10 x 60 mm

	Part-No.	Kg	Unit	Euro
galvanized, 1,5 mm sheet thickness	3VB10L	0.2 <sup>A</sup>	50	3.20
galvanized, 2,5 mm sheet thickness	3VB10	0.3 <sup>A</sup>	50	3.50
galvanized, 5,0 mm sheet thickness	3VB10V	0.5 <sup>A</sup>	50	4.10

Infrastructure building



**Safety connection clamp**

for mobile fences, can only be opened with special tool

	Part-No.	Kg	Unit	Euro
galvanized, 2,5 mm sheet thickness	3VB10S	0.5 <sup>A</sup>	50	4.00
galvanized, 5,0 mm sheet thickness	3VB10SV	0.5 <sup>A</sup>	50	4.50
special tool	3VB11	0.1 <sup>A</sup>	1	10.00

Mobile fence



**High-safety connection clamp**

for mobile fences, can only be opened with special tool

	Part-No.	Kg	Unit	Euro
galvanized, 5,0 mm sheet thickness	3VB10HV	0.5 <sup>A</sup>	50	8.50
special tool	3VB12	0.1 <sup>A</sup>	1	76.70

Formwork



**Connector**

for mobile fences, screws included  
(deployable without screws)

	Part-No.	Kg	Unit	Euro
plastic	33328	0.1 <sup>A</sup>	50	4.55

Building support safety

Storage - transport



**Socket wrench kit, 20 parts, square drive 1/2"**

consisting of:

- 12 x Socket wrench insets, hexagonal, SW 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 22, 24
  - 3 x Socket wrench insets, hexagonal, long version, SW 13, 17, 19
  - 1 x Switch ratchet
  - 1 x Extension 250 mm
  - 1 x Universal joint
  - 1 x Spark plug wrench 16 mm
  - 1 x Adapter from 3/8" square drive to 1/2" external square drive
- Material: Chrome vanadium

	Part-No.	Kg	Unit	Euro
each	60100	3.0 <sup>A</sup>	1	75.00

Building site installation

Barrier-free construction site



### Mobile fence top for lashing straps

by clipping on the top a safe transport can be guaranteed, the fences and lashing straps are protected against damages by the top

	Part-No.	Kg	Unit	Euro
galvanized, sheet thickness 2.50 mm	3B20-A	1.0 <sup>A</sup>	20	14.30

### Mobile fence net

for spreading out on all mobile site fences 3.50 m x 2.00 m, including cable strap to fix the net to the site fence, wind permeability: approx. 12 % dimensions: von 3,41 x 1,76 m



	Part-No.	Kg	Unit	Euro
mobile fence net white	3FB36W	0.8 <sup>A</sup>	5	14.30
mobile fence net green	3FB36G	0.8 <sup>A</sup>	5	14.30
flame resistant, B1 certified				
mobile fence net white	3FB36W-B1	1.0 <sup>A</sup>	5	18.60
mobile fence net green	3FB36G-B1	1.0 <sup>A</sup>	5	18.60

### Screen tarpaulins, low flammability

for fixing to site fences, suitable for all mobile site fences 3.50 m x 2.00 m, including cable strap to fix the screen to the site fence, screen thickness: 0.25 mm



	Part-No.	Kg	Unit	Euro
screen tarpaulins white	3FB35	0.8 <sup>A</sup>	5	11.50
screen tarpaulins green	3FB35G	0.8 <sup>A</sup>	5	11.50
screen tarpaulins black	3FB35S	0.8 <sup>A</sup>	5	11.50
screen tarpaulins blue	3FB35B	0.8 <sup>A</sup>	5	11.50
screen tarpaulins with Schake Logo	3FB35 Logo	0.8 <sup>A</sup>	5	10.60
<b>certified to EN 13501</b>	3FB35-B1	0.8 <sup>A</sup>	5	13.10

### Screen tarpaulins, white

same as above, but reels for 2.00 m high mobile site fence, length: 20 m

	Part-No.	Kg	Unit	Euro
screen tarpaulins white	3FBR35	5.0 <sup>A</sup>	1	55.50



### Individually printed Mobile fence screen or net

Design your mobile fence screen or net as you want to have it! Your advertisement will be shown on 3.5 x 2.0 m, for a great visibility. With our individual printed screens and nets, you use your construction site fence as a great advertising media!

	Part-No.	Euro
Mobile fence screen tarpaulin	3FB35KL	181.00
Mobile fence net	3FB36KL	181.00

Traffic safety

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Mobile fence

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Barrier free construction site



**Mobile fence stand**

galvanized steel construction with sleeves for inserting the site fence tubes and brackets for fastening 2 site fences with each other, 2 base plates have holes for ground pegs to anchor the post on the ground, dimensions: depth: 120 mm, height: 850 mm, supported width: 800 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B150	4.5 <sup>B</sup>	50	38.30



**Mobile fence plate**

with carrying handle for comfortable handling, with bolted sleeves for connecting 2 site fences, including set of bolts, dimensions of the base plate: 500 mm x 700 mm

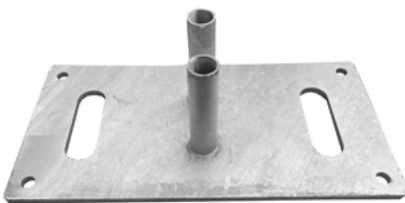
	Part-No.	Kg	Unit	Euro
galvanized	3B151	12.5 <sup>A</sup>	10	87.20



**Connecting plate**

for connecting 2 site fences by sleeves for inserting of the vertical tubes, suitable for permanent installation, with 4 holes in the base plate for plugging, dimensions: 130 mm x 160 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B152	2.0 <sup>A</sup>	10	14.20

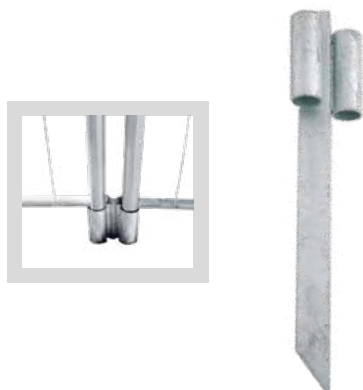


**Base plate made of steel**

dimensions: 250 x 500 x 10 mm made of Ø35 x 2.6 mm round tube with carry handles and holes for plugging down



	Part-No.	Kg	Unit	Euro
galvanized	3F158	9.8 <sup>A</sup>	10	69.90



**Ground sockets**

steel construction, with pointed angle iron for driving the socket in the ground, 2 sockets welded at the sides can be used for inserting site fence vertical tubes, length: 600 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B153	2.6 <sup>A</sup>	10	19.80



### Barbed wire holder Y-shape

protects against unintentional exceeding of the wall element, barbed wire is attached through slanted slots in the square tube

	Part-No.	Kg	Unit	Euro
galvanized	3B156	0.8 <sup>A</sup>	10	23.60



### Barbed wire

made of heavy galvanized wires  
2-wiry, 4-spiky, top distance 100 mm

	Part-No.	Kg/roll	Unit	Euro
thickness 1.7 mm	3B156-4	12.5 <sup>A</sup>	250 m	71.00
thickness 2.5 mm	3B156-5	20.5 <sup>A</sup>	200 m	97.90



### Binding wire

annealed wire 2.00 mm, black

	Part-No.	Kg/roll	Unit	Euro
2.0 mm	3B156-6	5.0 <sup>A</sup>	1	19.60



### Barbed wire ground peg

made of round iron, with welded ring eye  $\varnothing$  74mm outside,  $\varnothing$  50mm inside, for safe insertion of barbed wire part-no. 3B156-4 or 3B165-5 or other barrier wires, length: 500 mm, with forged tip, raw finish

	Part-No.	Kg	Unit	Euro
$\varnothing$ 14 mm, length: 500 mm	301405ST	0.8 <sup>A</sup>	1	12.80
$\varnothing$ 16 mm, length: 750 mm	301607ST	1.4 <sup>A</sup>	1	14.50





Traffic safety

Infrastructure building

Mobile fence

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Barrier free construction site



**Mobile fence support strut**

stabilizes mobile fence elements, with welded base plate and holes for driving in ground pegs, connection clamp (part-no. 3VB10) for fastening to site fence and ground peg (part-no. 30W80) for fixing the support strut are available separately

Height: approx. 1.60 m, for 2.00 m mobile fence

	Part-No.	Kg	Unit	Euro
galvanized without clamp, without ground peg	3B154	4.9 B	10	26.60
galvanized with clamp, without ground peg	3B154-1	5.2 B	10	30.10
galvanized with clamp, with ground peg	3B154-2	6.4 B	10	34.90



Height: approx. 1.00 m, for 2.00 m mobile fence

	Part-No.	Kg	Unit	Euro
galvanized without clamp, without ground peg	3B1541	3.6 A	10	22.90
galvanized with clamp, without ground peg	3B1541-1	3.9 A	10	26.50
galvanized with clamp, with ground peg	3B1541-2	5.1 A	10	31.30



**Mobile fence support strut with tube-port**

stabilizes mobile fence elements, with welded base plate and holes for driving in ground pegs, and additional welded tube-port Ø38 mm to be fixed under mobile fence base plates

Height: approx. 1.60 m, for 2.00 m Mobile fence

	Part-No.	Kg	Unit	Euro
galvanized without clamp, without ground peg	3B1542	4.8 B	10	28.20
galvanized with clamp, without ground peg	3B1542-1	5.1 B	10	31.70
galvanized with clamp, with ground peg	3B1542-2	6.3 B	10	36.50



**Mobile fence support strut incl. base plate**

stabilizes mobile fence elements, with continuous supporting element and holes for driving in ground pegs, connecting clamps (part-no. 3VB10) for fixing on fence are available separately, weight leveling to 1 m possible,

Height: approx. 1.60 m, for 2.00 m mobile fence

	Part-No.	Kg	Unit	Euro
galvanized without clamp	3B1543	14.0 B	10	71.50
galvanized with clamp	3B1543-1	14.3 B	10	75.00
galvanized without clamp and ground peg	3B1543-2	15.0 B	10	79.80



**i** Storage of support struts also possible in stackable pallets, see segment: Storage - transport



with latch

**Mobile fence door**

welded from a sturdy steel construction to provide a good and safe entrance and exit from an area secured with mobile fences. The door is fitted with a standard lock with handles. For this reason heavy mobile fence doors with locks are being used more and more frequently at events and construction sites with high security requirements (e.g. airports, public facilities etc.)

	Part-No.	Kg	Unit	Euro
with latch	3B36T	53.0 <sup>B</sup>	1	635.00
with panic lock	3B36FT	53.0 <sup>B</sup>	1	695.00



with panic lock



**Mobile fence gateway**

for a visually striking construction site access, galvanized steel construction with stretched, printed banner (banner width approx. 1.0 m), entrance height 4.0 m, entrance width 4.5 m, support struts with concrete block provide the necessary stability, lockable with padlock, individual printing, and deviating dimensions can be realized on request, the ideal product to make construction site access safe and highly same time to place suitable advertising.



Part-No.	Kg	Unit	Euro
3B360T	1435.00 <sup>S</sup>	1	2195.00

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Mobile fence

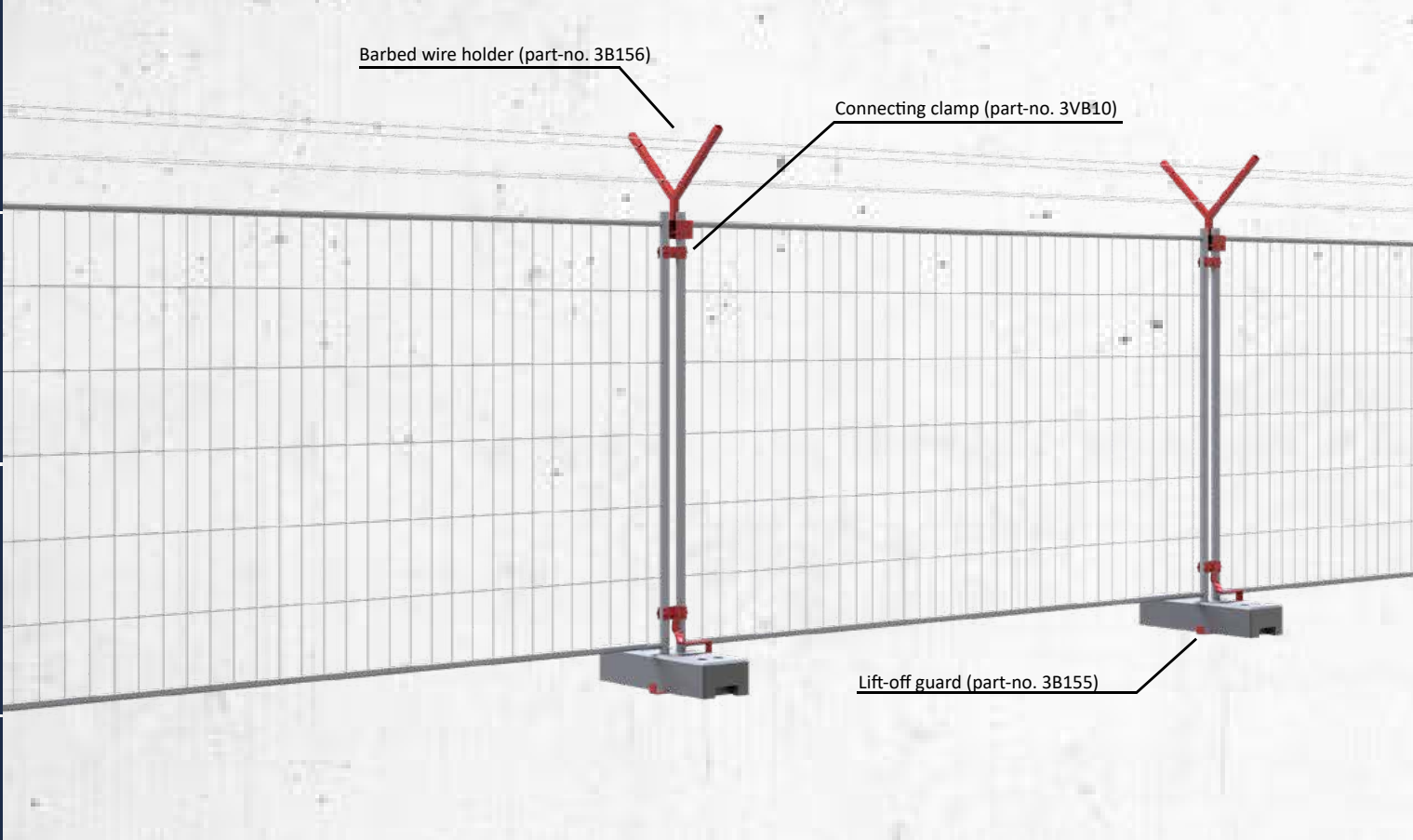
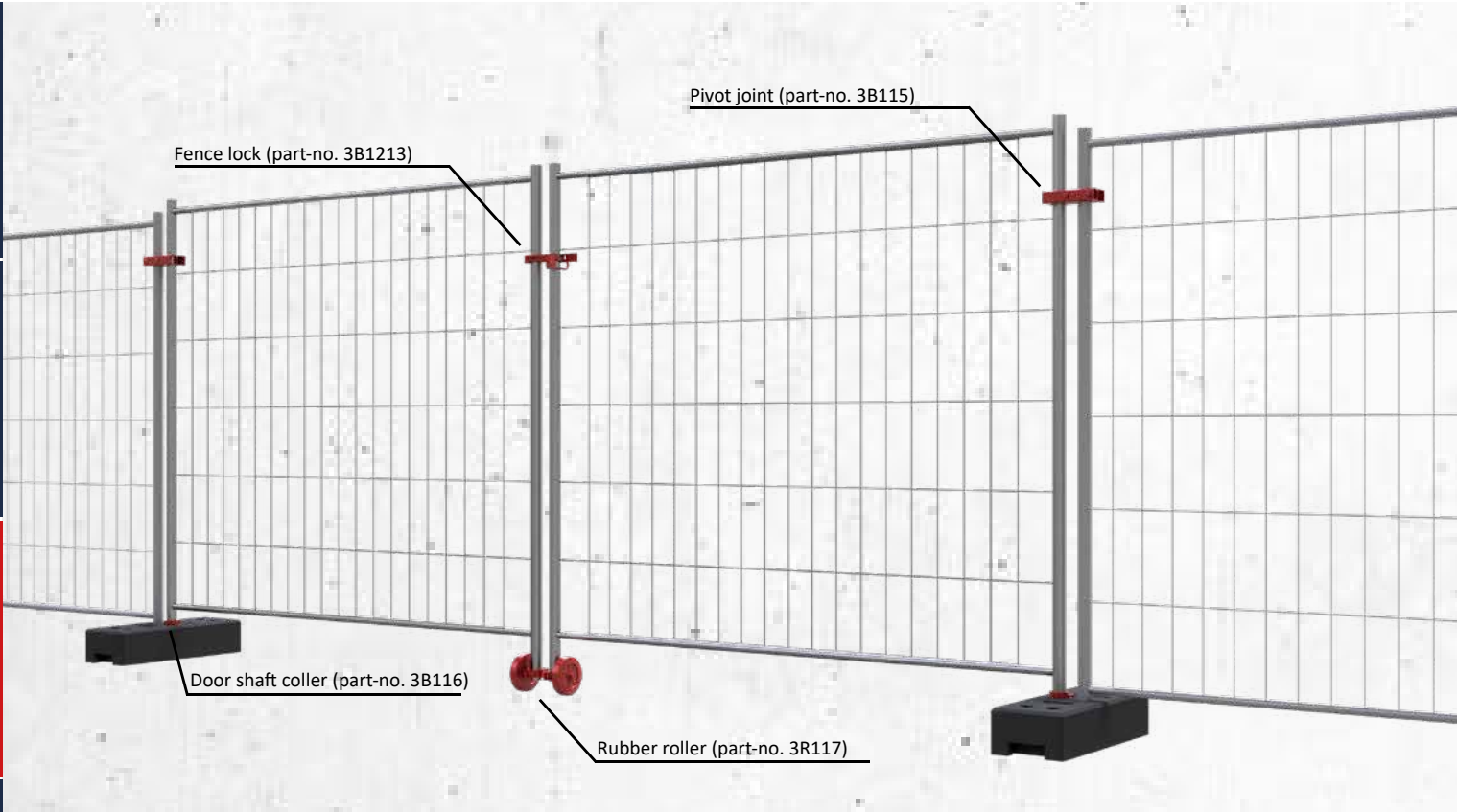
Formwork

Building support safety

Storage - transport

Building site installation

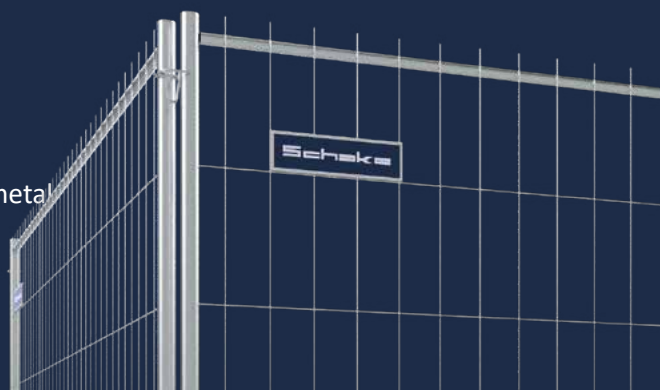
Barrier free construction site



## Mobile fence logo sign

Mobile fence sign printed with individual customer logo  
 Dimensions: 100 x 600 x 0.5 mm - color aluminum sheet metal

Part-No.	Kg	Unit	Euro
BZS	0.1	35	3,90





**Fence lock**

u-shackle, with padlock

	Part-No.	Kg	Unit	Euro
galvanized	3B1213	2.0 <sup>A</sup>	5	25.80



**Mobile fence roller adapter**

mobile fence roller adapter to accommodate all common mobile fences for convenient movement by roller, galvanized steel construction with pipe socket to accommodate the mobile fence standpipes, incl. locking screw

Part-No.	Kg	Unit	Euro
3R120	4.8 <sup>A</sup>	1	87.80



**Rubber roller for mobile fence**

rubber roller Ø150 mm, black, plastic rim, plain bearing incl. mounting device for tube diameter 40-43 mm

	Part-No.	Kg	Unit	Euro
Ø 150 mm	3R117	1.3 <sup>A</sup>	1	43.30



**Roller**

for site fence door element, including clamp

	Part-No.	Kg	Unit	Euro
Ø 200 mm	3R116	1.5 <sup>A</sup>	1	44.80



**Door shaft collar**

suitable for all elements, with locking screw

	Part-No.	Kg	Unit	Euro
galvanized	3B116	0.6 <sup>A</sup>	1	9.10



3B115

**Pivot joint**

for use with door elements, including bolt and nut execution: galvanized



	Part-No.	Kg	Unit	Euro
Especially for mobile fence „Profi“ or other types of mobile fences	3B115	1.0 <sup>A</sup>	1	19.20



3B115-1

Not suitable for mobile fences with cross tube welded in standpipe	3B115-1	1.0 <sup>A</sup>	1	17.40
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**Lift-off guard**

to secure all mobile fence elements, consisting of connection clamp and catch

	Part-No.	Kg	Unit	Euro
galvanized	3B155	0.5 <sup>A</sup>	10	10.80

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VPDR21SOB0033



**V-Turnstile**

the V-Turnstile is a mobile turnstile for construction sites and events with a number of equipment possibilities, which is used for the separation of persons and area security. Movable by forklift pockets and crane hooks. Can be used both mobile and stationary. The dimensions are 2.00 x 2.00 x 2.41 m with a weight of 1350 kg. Passage width of 0.85 m. Can be equipped with various access controls. Locking direction adjustable by profile cylinder. As standard one-sided freely rotating in de-energized condition. Incl. CEE-plug, control unit, service hatch and and site fence module. The electro-mechanical control unit can be extended by access controls. The purely mechanical control unit is used for the separation of persons without access control

galvanized	Part-No.	Kg	Unit	Euro
purely mechanical	VPDR21VMB0203	1333.0	1	7284.50
electro-mechanical, without access control	VPDR21VOB0021	1333.0	1	8679.00
electro-mechanical, local access control	VPDR21VEB0024	1333.0	1	9639.00
<b>galvanized + black mat powder coated</b>				
purely mechanical	VPDR21SMB0205	1333.0	1	7913.00
electro-mechanical, without access control	VPDR21SOB0033	1333.0	1	9307.00
electro-mechanical, local access control	VPDR21SEB0036	1333.0	1	10267.50

**i** Also available with double wire mesh fence module. On request also available as V-Turnstile-Compact with 0.6 m passage width available. Dimensions: 1.20 m x 1.50 m x 2.41 m



VPDT22SOB0146

**V-Turnstile-Guard**

the V-Turnstile-Guard is a mobile turnstile tunnel, which can be integrated in any V-Guard system and thus incorporates the same protection principle as the V-Guard for pedestrians in different environments. Movable by forklift pockets and crane hooks. Can be used both mobile and stationary. The dimensions are 2.00 x 2.00 x 2.41m with a weight of 1700 kg. Passage width of 0.85 m. Can be equipped with various access controls. Locking direction adjustable by profile cylinder. As standard, freely rotating on one side in de-energized condition. Incl. CEE-plug, LED-lighting front and rear controlled by a motion detector, electromechanical control unit and service hatch.

galvanized	Part-No.	Kg	Unit	Euro
construction fence module	VPDT22VOB0134	1677.0	1	15048.00
<b>galvanized + black mat powder coated</b>				
construction fence module	VPDT22SOB0146	1677.0	1	15606.50

**Configuration options available for all superstructures for construction and event security:**

- Surface:**  
 galvanized  
 galvanized + black mat powder coated  
 galvanized + RAL color of your choice powder coated

- Fence connection:**  
 Without fence connection  
 Construction fence module  
 Double wire mesh fence module

- Access control:**  
 without access control  
 local access control  
 access control with software (on request)  
 integration of customer-specific access controls (on request)





VPDP22SOB0192



**V-Door**

the V-Door is a mobile door, which can be optimally used as a barrier-free access or as an escape door. Optionally on a platform or a steel plate. Movable by forklift pockets and crane hooks. The dimensions of the V-Door on the platform are 2.00 x 2.00 x 2.35m with a weight of 1130 kg (steel plate version 1.00 x 2.00 x 2.21 m at a weight of 280 kg). Passage width of 1.5 m. Can be equipped with various access controls. Incl. CEE-plug, electr. opener, integrated door closer, industrial lock, LED-illumination front and rear as well as climbing over protection.

	Part-No.	Kg	Unit	Euro
<b>galvanized</b> site fence module, door handle	VPDP22VOB0191	1130.0	s 1	4379.00
<b>galvanized + black mat powder coated</b> construction fence module, door handle	VPDP22SOB0192	1130.0	s 1	4738.50
double wire mesh fence module, door handle	VPDP22SOD0195	1130.0	s 1	4863.00
construction fence module, escape door	VPDP22SFB0235	1140.0	s 1	5494.00
construction fence module, knob	VPDP22SKB0244	1130.0	s 1	4738.50

**i** Version on steel plate in catalog category „Barrier-free construction site“ on page 214



VPST22SOB0113



**V-Gate**

the V-Gate is a foldable sliding gate, which is due to the compact transport size, ideally suited for the construction site and event area. Once manually unfolded it is controlled by radio remote control as standard. Movable by forklift pockets and crane hooks. Can be used both mobile and stationary. The dimensions in transport state are 1.93 x 1.20 x 2.36 m (so up to 12 V-Gates fit on one truck) with a weight of 1890 kg and an opening width of 5.40 m. Incl. printable aluminum composite panel, CEE plug, rack and pinion drive, LED flashing light, drive-through sensor, engine with power shut-off and rubber buffers on all shear edges.

	Part-No.	Kg	Unit	Euro
<b>galvanized</b> without fence module	VPST22VOO0197	1890.0	s 1	13972.50
construction fence module	VPST22VOB0124	1890.0	s 1	14096.00
<b>galvanized + black mat powder coated</b> without fence module	VPST22SOO0199	1890.0	s 1	14625.00
construction fence module	VPST22SOB0113	1890.0	s 1	14775.00



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Mobil fence lamp**

Red case, metal bracket included for attachment to pipes/spigots. Additional ring for attachment to for example lamp posts. According to **ZTV-SA 97 5.10.10 Construction fences / RSA 21 3.5.4** Warning lights.



	Part-No.	Kg	Unit	Euro
yellow 360° lense	31210G	1.0 <sup>A</sup>	5	15.20
red 360° lense	31210R	1.0 <sup>A</sup>	5	15.20



**Concrete guardrail type 20**

for individual fencing off of construction sites and other danger zones, whereby the road traffic or also pedestrians are safely guided. The individual elements can be endlessly connected to each other (connecting element part-no. 3F200-1), so that the installation in the length as a stable unit ensures particularly good hold. The concrete guardrail can be assembled with mobile fences or our Euro panel fences as an additional barrier or guiding device. The concrete guardrails can also be set up at an angle of up to 6°, so that they can also be set up safely in curved areas. In addition, the elements have built-in reflectors, so that the traffic is made aware of a guidance device at an early stage. The concrete guardrail is suitable for fork-lift and crane use. In addition, the elements can be secured with screws or ground nails during installation. Width: 2.20 m

Part-No.	Kg	Unit	Euro
3F200	1500.0 <sup>S</sup>	1	815.00



**Connecting element for concrete guardrail type 20**

made of galvanized steel, for secure connection of the individual concrete guard rails, easy assembly without tools

Part-No.	Kg	Unit	Euro
3F200-1	6.5 <sup>A</sup>	1	33.20



**Safety bolt for concrete guardrail type 20**

for mounting mobile fences and panel fences on concrete guardrail, made of steel, hot-dip galvanized

Part-No.	Kg	Unit	Euro
3F200-2	0.6 <sup>A</sup>	1	13.50



**Concrete guardrail logo-sign**

Large advertising space for attaching individual customer logos printed up to 4 colors

Part-No.	Kg	Unit	Euro
ASV-605	0.5	24	17.40
ASV-Logo	0.5	24	16.20

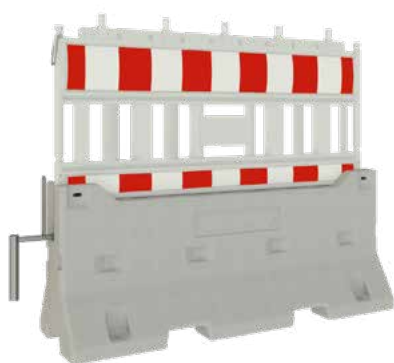




## Concrete guardrail set 1

- consisting of:  
 1 x Concrete guardrail (part-no. 3F200)  
 1 x Mobile fence  
 1 x Connecting element (part-no. 3F200-1)  
 2 x Safety bolt (part-no. 3F200-2)

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Standard“	3F200-SET1S	1522.7 s	1	920.00
incl. mobile fence „Profi“	3F200-SET1P	1522.7 s	1	930.00



## Concrete guardrail set 2

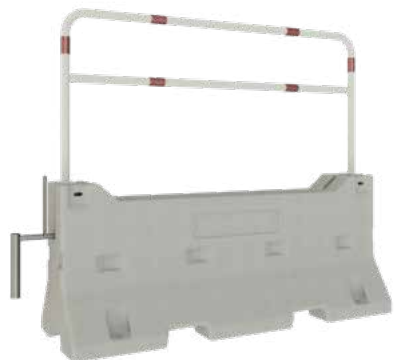
- consisting of:  
 1 x Concrete guardrail (part-no. 3F200)  
 1 x Connecting element (part-no. 3F200-1)  
 1 x Panel fence



	Part-No.	Kg	Unit	Euro
incl. panel fence „NOX“ without lamp adapter	3F200-SET2-4K	1521.0 s	1	935.00
with lamp adapter	3F200-SET2-4KA	1521.0 s	1	940.00

	Part-No.	Kg	Unit	Euro
incl. panel fence „NOX Light“ without lamp adapter	3F200-SET2-5K	1521.0 s	1	930.00
with lamp adapter	3F200-SET2-5KA	1521.0 s	1	935.00

	Part-No.	Kg	Unit	Euro
incl. panel fence „Ultra“ without lamp adapter	3F200-SET2-6K	1521.0 s	1	925.00
with lamp adapter	3F200-SET2-6KA	1521.0 s	1	930.00



## Concrete guardrail set 3

- consisting of:  
 1 x Concrete guardrail (part-no. 3F200)  
 1 x Connecting element (part-no. 3F200-1)  
 1 x Hoop of steel tube

	Part-No.	Kg	Unit	Euro
Hoop of steel tube with cross bar galvanized (part-No. 465_64)	3F200-SET3-6	1524.0 s	1	970.00
galv. + coated (part-No. 465_64B)	3F200-SET3-6B	1524.0 s	1	1020.00

	Part-No.	Kg	Unit	Euro
Hoop of steel tube without cross bar galvanized (part-No. 465_54)	3F200-SET3-5	1524.0 s	1	930.00
galv. + coated (part-No. 465_54B)	3F200-SET3-5B	1524.0 s	1	970.00





Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

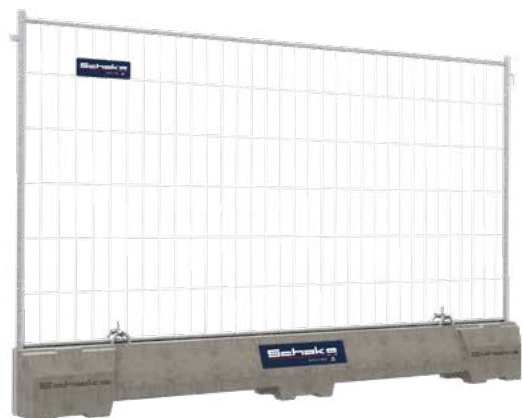
Barrier free construction site



**Concrete guide barrier**

for separating traffic areas and work areas. Suitable for transport by fork-lift truck or movement by crane, due to the ground clearance of 80 mm and the 4 robust crane eyes. Stack stability because of the adjustment ption, angles of up to 45° to the next element possible due to bevelled ends, suitable for all our 3B2035er and 3B2036er, as well as 3B1235er and 3B1236er mobile fences. Connection clamps 3VB10 (and variants) serve as lift-off guard for the mobile fences. Logo plate can be attached in the dimensions 590 mm x 340 mm  
 Measurements: length: 3480mm, width: 350mm, height: 380mm

	Part-No.	Kg	Unit	Euro
concrete	3F1035	670.00 s	1	525.00



**Concrete guide barrier SET 1**

consisting of:  
 1 x concrete guide barrier (part-no. 3F1035)  
 1 x mobile fence 2.00 x 3.50 m

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Light“	3F1035-SET1L	683.0 s	1	600.00
incl. mobile fence „Standard“	3F1035-SET1S	686.0 s	1	610.00
incl. mobile fence „Profi“ with hooks and eyes	3F1035-SET1P	690.0 s	1	620.00

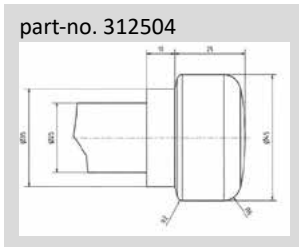
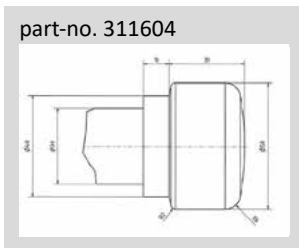


**Concrete guide barrier SET 2**

consisting of:  
 1 x concrete guide barrier (part-no. 3F1035)  
 1 x mobile fence 1.20 x 3.50 m

	Part-No.	Kg	Unit	Euro
incl. mobile fence „Standard“	3F1035-SET2S	681.0 s	1	610.00
incl. mobile fence „Profi“ with hooks and eyes	3F1035-SET2P	684.0 s	1	620.00





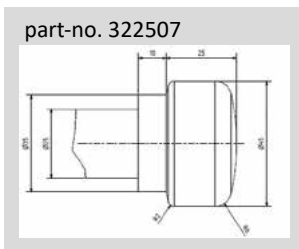
## Fixing peg Type 1

this peg is especially suitable for fixing steel anchor plates in the ground, because of the passage on the forged head it can be easily removed by remove-adapter or crowbar

Diameter 16 mm	Part-No.	Kg	Unit	Euro
400 mm	311604	0.6 <sup>A</sup>	10	5.55
600 mm	311606	1.0 <sup>A</sup>	10	7.10
800 mm	311608	1.3 <sup>A</sup>	10	9.10

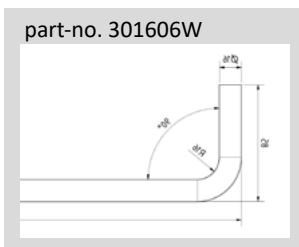
Diameter 25 mm	Part-No.	Kg	Unit	Euro
400 mm	312504	1.6 <sup>A</sup>	5	11.00
600 mm	312506	2.4 <sup>A</sup>	5	16.10
800 mm	312508	3.3 <sup>A</sup>	5	20.80
1000 mm	312510	4.2 <sup>A</sup>	5	24.10
1200 mm	312512	5.0 <sup>A</sup>	5	28.20



## Fixing peg Type 2

this peg is used in scaffolding and formwork, the head is forged double, so it can be dived in until the ring and always pulled out on this area

Diameter 25 mm	Part-No.	Kg	Unit	Euro
700 mm	322507	3.2 <sup>A</sup>	5	23.30
900 mm	322509	3.7 <sup>A</sup>	5	26.30



## Fixing peg Type 5

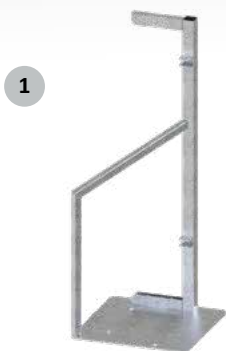
for multiple use in scaffolding, concrete formwork or construction fence braces head angled at 90° enables easy removal, tip sharpened to 45°

Diameter 16 mm	Part-No.	Kg	Unit	Euro
600 mm	301606W	1.0 <sup>A</sup>	1	7.30

Diameter 20 mm	Part-No.	Kg	Unit	Euro
600 mm	302006W	1.6 <sup>A</sup>	1	10.10

**i** other variants and lengths on request

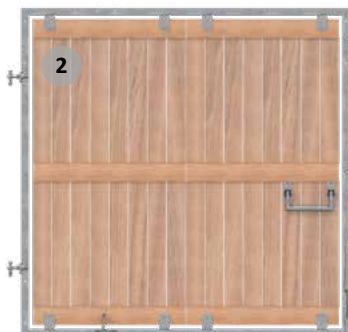


3B161TPR



**Robust wooden mobile fence gate with strong steel frame construction**

two-winged, opening-width approx. 4.50 m, height approx. 2.00 m, including wood mobile fence stand, lockable with padlock, on the inside with comfortable and large opening and closing handles. The sturdy frame construction made of 50 x 50 x 3 mm square tube provides a high level of stability. The gate element is attached to the 80 x 80 x 3 mm fixed post with eyebolts. The constructed stand achieves an opening angle of over 90 degrees. Furthermore, the blocking appliance (16 mm) can be inserted into the floor



3B161TFR



E1VHB-L63

Part-No.	Kg	Unit	Euro
3B161T	330,6 <sup>B</sup>	1	1450.00

**Parts of wooden mobile fence gate**

No.	Description	Part-No.	Kg	Unit	Euro
1.	upper part right	3B161TPR	77.5	1	352.50
	upper part left	3B161TPL	77.5		
2.	element of gate right	3B161TFR	80.0	1	384.00
	element of gate left	3B161TFL	80.0		
3.	padlock	E1VHB-L63	0.3	1	20.40



inner view

**Wooden mobile fence**

made of commercial 20 mm thick solid wood, with cross connection to nail it to a construction, impregnated, dimensions: 2.50 m x 2.00 m

	Part-No.	Kg	Unit	Euro
wooden	3B165	50,0 <sup>C</sup>	20	164.00



## Wood mobile fence stand

for wall elements to 40 mm thickness, wall element is inserted into below welded U-rail, additionally the element can be fixed in the middle by nails or screws. The stand is to be secured with ballast weights (e.g. concrete feet, our part-no. 3F100), height: 1815 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B160	12.5 <sup>B</sup>	20	94.00

## Top of wood mobile fence stand

by simply inserting of the top into the hoarding stand (part-no. 3B160) the wooden fence is fixed at the top

	Part-No.	Kg	Unit	Euro
galvanized, 490 mm	3B160-1	3.0 <sup>A</sup>	20	16.80

## Corner wood mobile fence stand

for wall elements to 40 mm thickness, wall element is inserted in below welded U-rail, additionally the element can be fixed in the middle by nails or screws. The stand is to be secured with ballast weights (e.g. concrete feet, part-no. 3F100), height: 1815 mm

	Part-No.	Kg	Unit	Euro
galvanized, 90°	3B160-E	14.5 <sup>B</sup>	5	106.75

## Corner top

	Part-No.	Kg	Unit	Euro
galvanized, 490 mm, 90°	3B160-E1	3.0 <sup>A</sup>	5	23.45

## Wood mobile fence stand with adjustable angles

for wall elements up to a thickness of approx. 40 mm, by simply inserting the elements into the U-rails attached at the bottom, the wall elements are held together against slipping, the stand can be secured with ballast weights (e.g. concrete feet, part-no. 3F100), incl. top part, for mounting height: 2000 mm, total height: 2210 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B160-EE	22.0 <sup>B</sup>	5	130.40

## Wooden mobile fence stand

wooden mobile fence stand for wall elements up to 40 mm, by simply inserting the wall elements into the U-rails welded at the top and bottom, the wooden fence is erected vertically. The screwing of the wooden elements with the U-rails serves for a safe and permanent installation. The stand must be secured with ballast weights (e.g. concrete feet, part-no. 3F100). For mounting heights: 2000 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B161	25.5 <sup>B</sup>	5	80.75

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



outer view

**Wooden mobile fence**

made of commercial 20 mm thick solid wood, with cross connection to nail it to a construction, impregnated, dimensions: 2.50 m x 2.00 m

	Part-No.	Kg	Unit	Euro
wooden	3B165	50.0 <sup>c</sup>	20	164.00



3B160



**Top of wooden mobile fence stand for 2.50 m height**

set up with wooden fence post

	Part-No.	Kg	Unit	Euro
galvanized, 1000 mm	3B160-2	4.0 <sup>A</sup>	20	24.25



3B160-E



**Top of corner wooden mobile fence stand for 2.50 m height**

set up with wooden fence post

	Part-No.	Kg	Unit	Euro
galvanized, 1000 mm, 90°	3B160-E2	4.0 <sup>B</sup>	5	28.25





## Wooden mobile fence 1.00 m height



### Wooden mobile fence stand type light

wooden mobile fence stand for wall elements up to 40 mm, by simply inserting the wall elements into the U-rails welded at the top and bottom, the wooden fence is erected vertically. The screwing of the wooden elements with the U-rails serves for a safe and permanent installation. The stand must be secured with ballast weights (e.g. concrete feet, part-no. 3F100).  
For mounting heights: 1000 mm

	Part-No.	Kg	Unit	Euro
galvanized	3B162	16.4 <sup>B</sup>	5	52.50



### Wooden mobile fence 1.00 m x 2.00 m

made of commercial 20 mm thick solid wood, with cross connection to nail it to a construction, impregnated, used for straight elements

	Part-No.	Kg	Unit	Euro
wooden	3B165-10	20.0 <sup>C</sup>	1	82.95

outer view

Traffic safety

Infrastructure building

Mobile fence

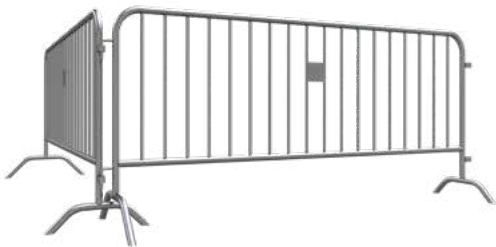
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

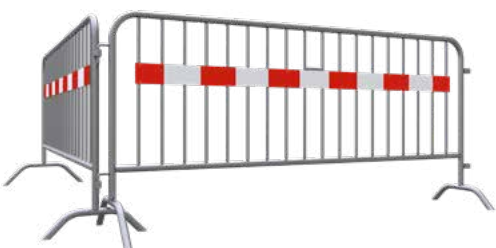


**Crowd barrier type D**

versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  33.7 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, two feet of bent round tube provide stability of the barrier, total height: 1.10 m, available in different lengths, sturdy vertical bars of  $\varnothing$  16 mm round tube provide safe barrier action

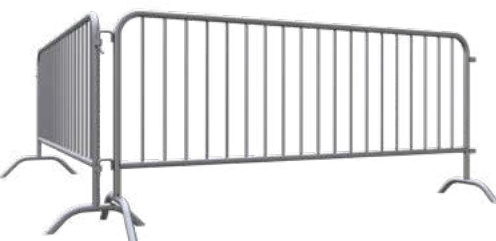
	Part-No.	Kg	Unit	Euro
length: 2.00 m, 14 bars	419.001	15.5 <sup>B</sup>	25	99.90
length: 2.50 m, 18 bars	419.00	18.0 <sup>C</sup>	25	107.00

**Crowd barrier type D with blind man's strip**



versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  33.7 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, two feet of bent round tube provide stability of the barrier, total height: 1.10 m, available in different lengths, sturdy vertical bars of  $\varnothing$  16 mm round tube provide safe barrier action, an additional plate covered with red/white film RA1/A is riveted in the barrier for safe marking

	Part-No.	Kg	Unit	Euro
length: 2.00 m, 14 bars	419.011	16.0 <sup>B</sup>	10	135.00
length: 2.50 m, 18 bars	419.010	18.5 <sup>C</sup>	10	146.70



**Crowd barrier type C**

versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  38 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, two feet of bent round tube provide stability of the barrier, total height: 1.10 m, sturdy vertical bars provide safe barrier action

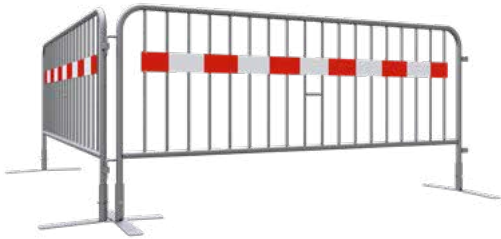


	Part-No.	Kg	Unit	Euro
length: 2.50 m, 19 bars	419.005	24.0 <sup>C</sup>	25	118.80
length: 1.25 m, 10 bars	419.002S	13.0 <sup>B</sup>	25	80.60



All crowd barriers also available in coated design and with reflecting stripes.





### Crowd barrier type SE

versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  33.7 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, two removable feet of flat-bar steel provide stability of the positioned barrier, total height: 1.10 m, available in different lengths, sturdy vertical bars for safe barrier action, an additional plate covered with red/white film RA1/A is riveted in the barrier for safe marking

	Part-No.	Kg	Unit	Euro
length: 2.00 m, 14 bars	419.001SE	20.0 <sup>B</sup>	25	135.90
length: 2.50 m, 18 bars	419.00SE	22.0 <sup>C</sup>	25	146.70

### Foot for crowd barrier

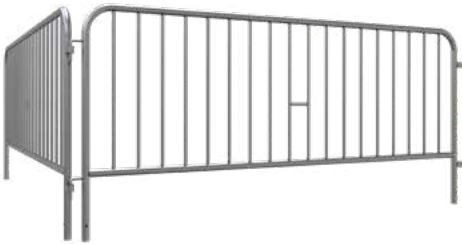
Including fastening material



	Part-No.	Kg	Unit	Euro
horizontally	206181	2.0 <sup>A</sup>	10	16.50
diagonally	206181A	2.0 <sup>A</sup>	10	19.90

### Barrier element type „Basic“

made of round tube  $\varnothing$  33.7 mm with hooks and eyes, total height: approx. 1.10 m, to be installed with flat or transvers feet, with horizontal tube as handle



	Part-No.	Kg	Unit	Euro
length: 2.00 m, 14 bars	206182	14.0 <sup>B</sup>	25	86.60
length: 2.50 m, 18 bars	206180	17.0 <sup>C</sup>	25	95.40

### Crowd barrier type B

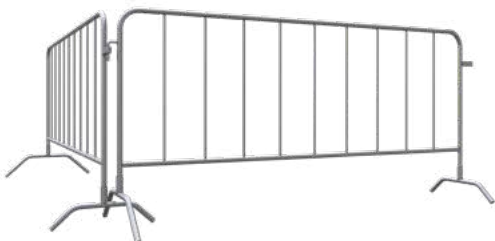
versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  33.7 mm round tube, connection brackets are welded to the sides for combining several elements, with two straight feet for stability of the positioned barrier, total height: 1.10 m, available in different lengths, sturdy vertical bars for safe barrier action



	Part-No.	Kg	Unit	Euro
length: 2.00 m, 14 bars	419.001BE	15.0 <sup>B</sup>	25	94.50
length: 2.50 m, 17 bars	419.00BE	17.0 <sup>C</sup>	25	99.00

### Crowd barrier type L

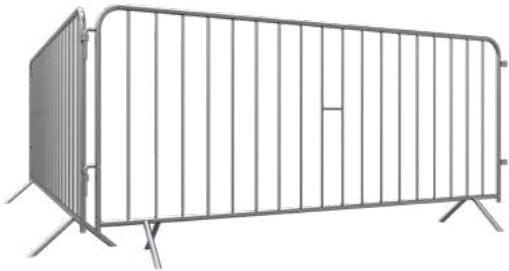
versatile application, as barrier and security of event sites, welded galvanized steel construction of  $\varnothing$  26.9 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, with two bent feet for stability of the positioned barrier, total height: 1.10 m, length: 2.50 m, sturdy vertical bars for safe barrier action



	Part-No.	Kg	Unit	Euro
galvanized, 9 bars	419.00L	11.0 <sup>C</sup>	25	85.50



Traffic safety



**Crowd barrier type E**

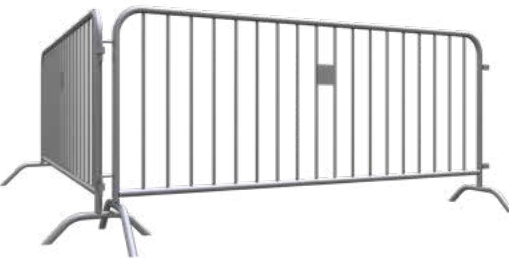
made of steeltube 25 mm, with round iron hooks and connecting brackets of flat-bar steel, 18 bars of round tube Ø 13 mm, with horizontal tube as handle height: 1.10 m, length: 2.48 m



	Part-No.	Kg	Unit	Euro
galvanized, 18 bars	419.00E	13.8 c	25	80.10

Infrastructure building

Mobile fence



**Crowd barrier type U**

galvanized, welded construction of Ø 33.7 mm round tubes, with round iron hooks 13 mm and connection brackets of flat-bar steel, with two welded feet height: 1.10 m, length: 2.50 m, distance below: 200 mm

	Part-No.	Kg	Unit	Euro
galvanized, 18 bars	419.00-U200	20.6 c	25	114.30

Formwork



**Crowd barrier with individual banner ad**

versatile application of event sites, welded steel construction of Ø 26.9 mm round tube, connection brackets are welded to the sides for combining several elements, with two straight feet for stability of the positioned barrier and space-saving storage, individual banner ad can be made in 4 color printing length: 2.50 m

	Part-No.	Kg	Unit	Euro
galvanized	419.00-CL	10.5 c	25	129.60

Building support safety

Storage - transport



**i** Minimum purchase: 10 pcs.



**Gate for crowd barrier**

gate element for crowd barrier type D, for fastening with hooks and eyes to standard crowd barrier element, incl. roller and connecting link with padlock, width approx. 1.0 m, height approx. 1.1 m, galvanized design

- consisting of:
- 1 x gate element single, galvanized (part-no. 419.00T\_E)
- 1 x foot for crowd barrier (part-no. 206181\_E)
- 1 x rubber roller (part-no. 3R117)
- 1 x padlock (part-no. E1VHB-L63)

	Part-No.	Kg	Unit	Euro
	419.00T	8.7 B	1	77.40

Building site installation

Barrier free construction site



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

Traffic safety

Infrastructure building

Mobile fence

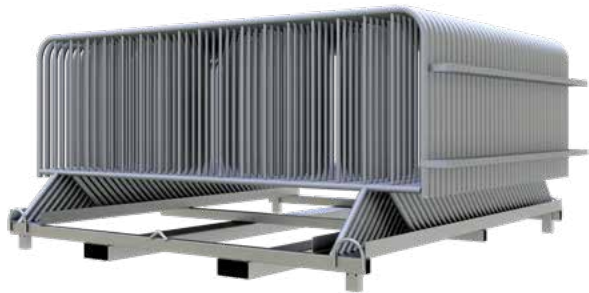
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Crowd barrier SET BE35**

consisting of:  
 35 x crowd barrier 2.50 x 1.10 m, galvanized (part-no. 419.00BE)  
 1 x stacking pallet (part-no. 419.02)  
 1 x lashing strap (part-no. 50352-6)

Part-No.	Kg	Unit	Euro
419.00BE-SET35	782.0 c	1	3950.00



**Crowd barrier SET E50**

consisting of:  
 50 x crowd barrier 2.50 x 1.10 m, galvanized (part-no. 419.00E)  
 1 x stacking pallet (part-no. 419.02)  
 1 x lashing strap (part-no. 50352-6)

Part-No.	Kg	Unit	Euro
419.00E-SET50	762.0 c	1	4470.00



**Pallet for crowd barriers**

part-no. 419.00BE - 35 pcs or 419.00E - 50 pcs.  
 can also be equipped in combination, crowd barriers are secured by two lashing straps on the crossbar



	Part-No.	Kg	Unit	Euro
galvanized	419.02	122.5 c	1	598.00





**Crowd barrier SET 15**

consisting of:  
 15 x crowd barrier (part-no. 419.00)  
 1 x pallet for crowd barrier (part-no. 419.05)  
 2 x lashing straps (part-no. 50351-4)

Part-No.	Kg	Unit	Euro
419.00-SET	310.0 c	1	1830.00



Optimal storage and easy transportation because of perfect stacking!



**Crowd barrier SET S15**

consisting of:  
 15 x crowd barrier (part-no. 419.00S)  
 1 x pallet for crowd barrier (part-no. 419.05)  
 2 x lashing strap (part-no. 50351-4)

Part-No.	Kg	Unit	Euro
419.00S-SET	334.0 c	1	1990.00

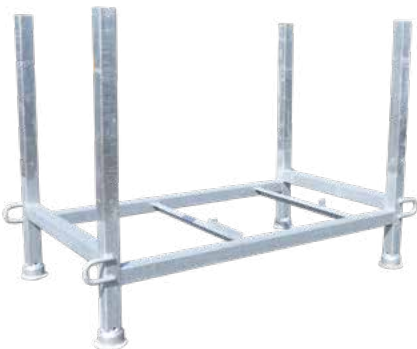
**Crowd barrier SET BE15**

consisting of:  
 15 x crowd barrier (part-no. 419.00BE)  
 1 x pallet for crowd barrier (part-no. 419.05)  
 2 x lashing strap (part-no. 50351-4)

Part-No.	Kg	Unit	Euro
419.00BE-SET	304.0 c	1	1720.00

**Pallet for crowd barrier**

for easy transportation, particularly for crowd barrier of sturdy square tube, vertical bars can be removed



	Part-No.	Kg	Unit	Euro
galvanized, dimensions: 1400 x 575 x 825 mm	419.05	52.0 B	1	275.00
galvanized, dimensions: 900 x 775 x 825 mm	419.07	36.5 B	1	299.00

Crowd barrier	419_00	419_00S	419_001SE	419_00SE	419_00L	419_00BE	419_00E	419_001	419_00-U200	419_00-CL	206182
	419_010				419_001BE						206180
<b>Pallet</b>											
419.05	16 pcs	14 pcs	10 pcs	10 pcs	20 pcs	14 pcs	15 pcs	11 pcs	16 pcs	14 pcs	16 pcs
419.07	22 pcs	20 pcs	18 pcs	15 pcs	25 pcs	22 pcs	19 pcs	20 pcs	22 pcs	19 pcs	22 pcs



### Police barrier type L

robust steel frame for special operating conditions, welded construction of  $\varnothing$  33.0 mm round tube, the rigid design allows a quick setup, hooks and brackets are welded to the sides of the barrier for combining several elements, dimensions: height: 1.10 m, depth: 0.60 m, length: 2.10 m

	Part-No.	Kg	Unit	Euro
galvanized	419.013	33.0 <sup>B</sup>	5	272,00



### Square tube stackable pallet for police barrier type L

suitable for transportation and storage of 25 police barriers (part-no. 419.013) approachable on all sides, stable square tube frame construction provides a safe storage and easy placement of barriers, outer dimensions: length: 2.2 m, width: 1.05 m, height: 0.76 m

	Part-No.	Kg	Unit	Euro
galvanized	50196	61.0 <sup>B</sup>	5	389,00



### Police barrier type U

robust steel frame for special operating conditions, welded construction of  $\varnothing$  33.7 mm round tube, hooks and connection brackets are welded to the sides of the barrier for combining several elements, foot part is hinged and has a sturdy grate insert, dimensions: height: 1.10 m, depth: 1.00 m, length: 2.10 m

	Part-No.	Kg	Unit	Euro
galvanized	419.012	48.0 <sup>B</sup>	5	315,00



### Square tube stackable pallet for police barrier type U

suitable for transportation and storage of 10 police barriers (part-no. 419.012). Welded construction of square tube 60 mm x 60 mm or 60 mm x 40 mm. The police barriers are held in place by pipe sockets of square tube 60 mm x 40 mm x 2 mm. Removable bars permit ergonomic loading/ unloading of the police barriers. When the stackable pallets are stored without police barriers, the bars can be placed in a holder so that the stack height can be reduced.

Inside dimensions: 1900 mm x 1900 mm, length of bars: 1640 mm

	Part-No.	Kg	Unit	Euro
galvanized	50195	88.0 <sup>B</sup>	5	530,00





**Police barrier SET type L**

consisting of:

25 x police barrier type L (part-no. 419.013)

1 x square tube stackable pallet for police barrier type L (part-no. 50196)

Part-No.	Kg	Unit	Euro
419.013-SET	886.0 <sup>B</sup>	1	6970.00



**Police barrier SET type U**

consisting of:

10 x police barrier type U (part-no. 419.012)

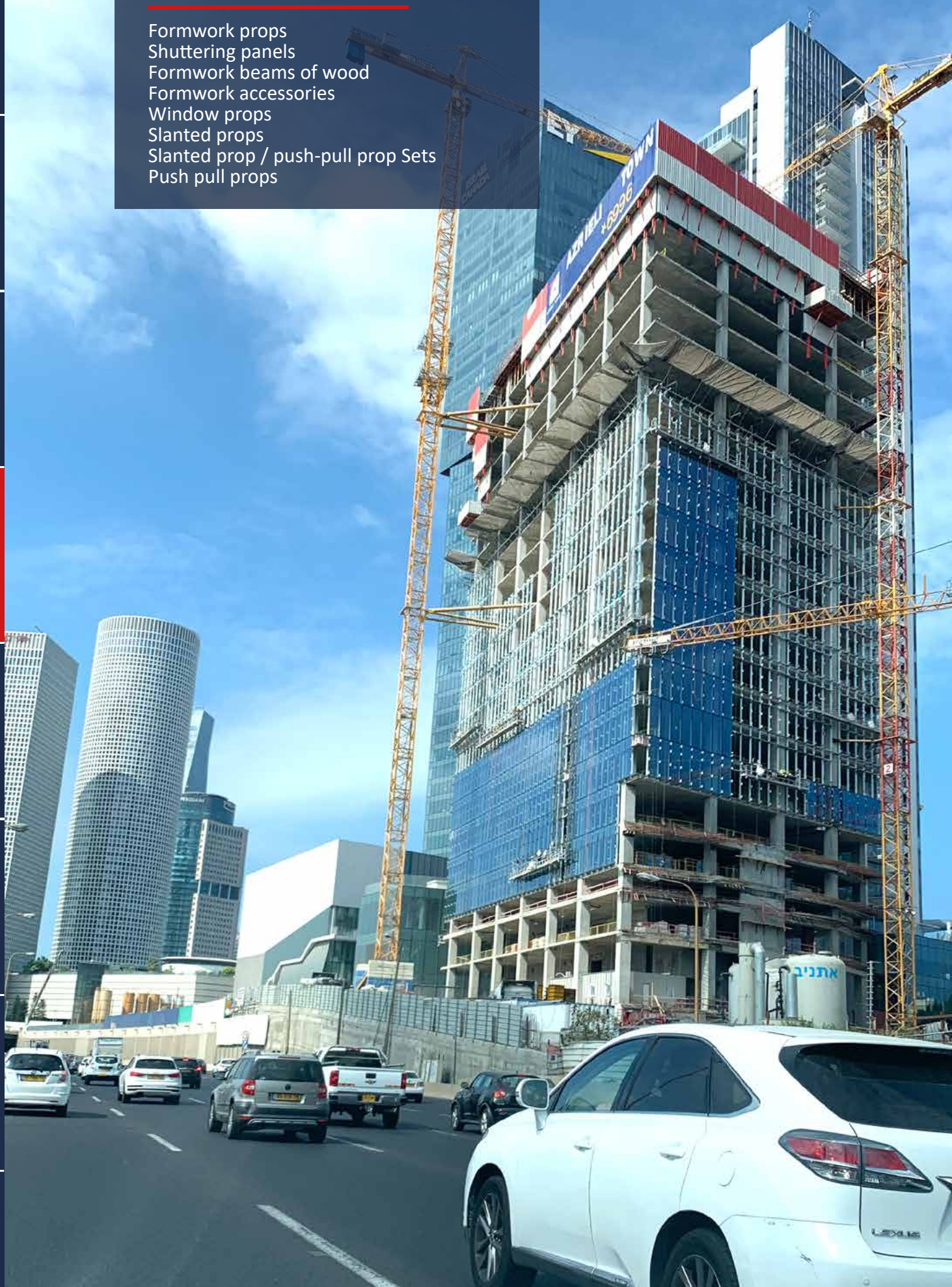
1 x square tube stackable pallet for police barrier type U (part-no. 50195)

Part-No.	Kg	Unit	Euro
419.012-SET	568.0 <sup>B</sup>	1	3570.00



# Formwork

- Formwork props
- Shuttering panels
- Formwork beams of wood
- Formwork accessories
- Window props
- Slanted props
- Slanted prop / push-pull prop Sets
- Push pull props



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

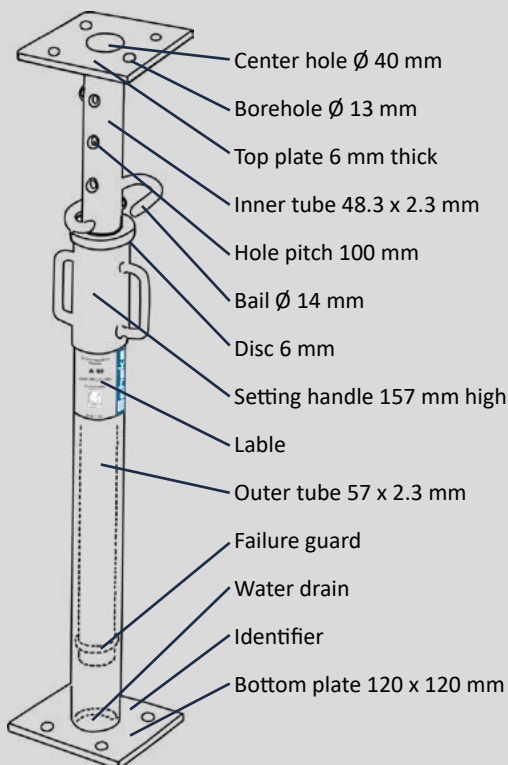


## Euro formwork prop of class A

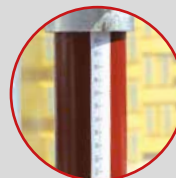
the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

Painted, with inner thread

		Part-No.	Kg	Unit	Euro
<b>A25</b>	extent length: 1.58 m - 2.50 m	11729	11.5 <sup>B</sup>	50	45.20
<b>A30</b>	extent length: 1.89 m - 3.00 m	11730	12.5 <sup>B</sup>	50	49.00
<b>A35</b>	extent length: 2.05 m - 3.50 m	11731	14.0 <sup>B</sup>	50	54.80
<b>A40</b>	extent length: 2.40 m - 4.00 m	11732	15.0 <sup>C</sup>	50	59.70



All props marked by type class and load table.



The height of the setting handle can be read on a scale.



Test number marked on the foot.



The setting handle, disc and the bail are galvanized also on painted formwork props.



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Euro formwork prop of class B**

the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

**painted, with inner thread**

		Part-No.	Kg	Unit	Euro
<b>B25</b>	extent length: 1.56 - 2.50 m	117291	12.0 <b>B</b>	50	49.00
<b>B30</b>	extent length: 1.89 - 3.00 m	117301	14.0 <b>B</b>	50	53.00
<b>B35</b>	extent length: 2.10 - 3.50 m	117311	15.5 <b>B</b>	50	57.90
<b>B40</b>	extent length: 2.40 - 4.00 m	117321	18.5 <b>C</b>	50	62.80

**galvanized, with inner thread**

		Part-No.	Kg	Unit	Euro
<b>B25</b>	extent length: 1.58 - 2.50 m	117291IV	12.5 <b>B</b>	50	54.10
<b>B30</b>	extent length: 1.89 - 3.00 m	117301IV	14.5 <b>B</b>	50	61.00
<b>B35</b>	extent length: 2.10 - 3.50 m	117311IV	16.0 <b>B</b>	50	67.00
<b>B40</b>	extent length: 2.40 - 4.00 m	117321IV	19.5 <b>C</b>	50	77.90

**Formwork prop set**

consisting of:

- 1 x stackable pallet, painted (part-no. 50150)
- 50 x formwork prop B30 painted with inner thread 1.87 - 3.00 m (part-no. 117301)



Part-No.	Kg	Unit	Euro
117301-SET50	712.0 <b>B</b>	1	2700.00

**Formwork prop set**

consisting of:

- 1 x stackable pallet, painted (part-no. 50150-H35)
- 25 x formwork prop B30 painted with inner thread 1.87 - 3.00 m (part-no. 117301)



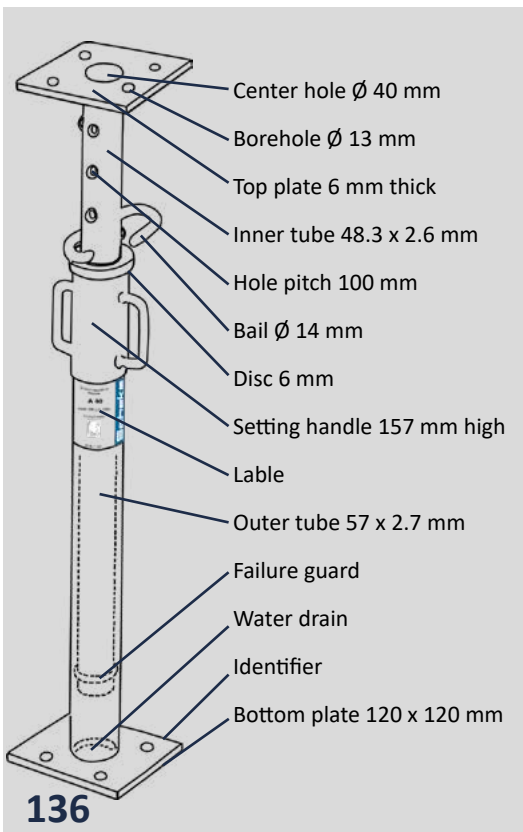
Part-No.	Kg	Unit	Euro
117301-SET25	367.0 <b>B</b>	1	1390.00

**Counting transport tie-bar**

hardwood, for all common formwork props up to Ø 80 mm, suitable for stacking rack part-no. 50115, advantage: Ordinary and safe loading with count traverse saves time, especially for rental purpose



	Part-No.	Kg	Unit	Euro
wooden	50115-1	1.5 <b>A</b>	1	21.20



Part-No. G-hook	Part-No. Prop	Prop																										
		A25 painted, inner thread	A30 painted, inner thread	A35 painted, inner thread	A40 painted, inner thread	B25 painted, inner thread	B30 painted, inner thread	B35 painted, inner thread	B40 painted, inner thread	B25 galvanized, inner thread	B30 galvanized, inner thread	B35 galvanized, inner thread	B40 galvanized, inner thread	BD25 painted, inner thread	BD30 painted, inner thread	BD35 painted, inner thread	BD40 painted, inner thread	BD25 painted, make thread	BD30 painted, make thread	BD35 painted, make thread	BD40 painted, make thread	CE25 galvanized, make thread	CE30 galvanized, make thread	CE35 galvanized, make thread	CE40 galvanized, make thread	CE45 galvanized, make thread	CE55 galvanized, make thread	
205297	117291	x																										
205601	117301		x																									
205775	117311			x																								
205749	117291				x																							
205752	117301					x																						
205442	117321						x																					



### Euro formwork prop of class B/D

the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

#### Painted, with inner thread

	Part-No.	Kg	Unit	Euro
<b>B/D25</b> extent length: 1.58 - 2.50 m	11829	12.5 <sup>B</sup>	72	52.90
<b>B/D30</b> extent length: 1.87 - 3.00 m	11830	14.5 <sup>B</sup>	72	56.40
<b>B/D35</b> extent length: 2.10 - 3.50 m	11831	16.0 <sup>B</sup>	63	64.40
<b>B/D40</b> extent length: 2.40 - 4.00 m	11832	21.0 <sup>C</sup>	63	71.10

#### Painted, with outer thread simple and quick handling by triple thread

	Part-No.	Kg	Unit	Euro
<b>B/D25</b> extent length: 1.50 - 2.50 m	11829P	13.5 <sup>B</sup>	63	54.30
<b>B/D30</b> extent length: 1.70 - 3.00 m	11830P	16.0 <sup>B</sup>	48	58.90
<b>B/D35</b> extent length: 2.00 - 3.50 m	11831P	18.0 <sup>B</sup>	48	64.80
<b>B/D40</b> extent length: 2.20 - 4.00 m	11832P	21.5 <sup>B</sup>	48	72.50

#### Galvanized, with outer thread simple and quick handling by triple thread

	Part-No.	Kg	Unit	Euro
<b>B/D25</b> extent length: 1.50 - 2.50 m	11829V	14.0 <sup>B</sup>	63	72.80
<b>B/D30</b> extent length: 1.70 - 3.00 m	11830V	16.5 <sup>B</sup>	48	78.10
<b>B/D35</b> extent length: 1.89 - 3.50 m	11831V	18.5 <sup>B</sup>	48	84.20
<b>B/D40</b> extent length: 2.20 - 4.00 m	11832V	21.5 <sup>B</sup>	48	91.80



### Euro formwork prop of class D

our Euro formwork props comply with the current requirements of DIN EN 1065 „free“ props, outer thread with galvanized support lock, galvanized

	Part-No.	Kg	Unit	Euro
<b>D40</b> extent length: 2.24 m - 4.00 m load capacity: 37.6 - 21.8 KN	11632V	22.0 <sup>B</sup>	50	95.20
<b>D55</b> extent length: 3.00 - 5.50 m load capacity: 38.0 - 22.2 KN	11634V	33.0 <sup>C</sup>	50	149.60

**i** Recommendation:  
When ordering /shipping with the corresponding pallet part-no. 50115, transport marks can be avoided, see page 146



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Euro formwork prop of class C/E**

the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range at the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

**galvanized, with outer thread  
simple and quick handling by triple thread**

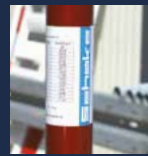
		Part-No.	Kg	Unit	Euro
C/E25	extent length: 1.45 - 2.50 m	11929V	16.0 <sup>A</sup>	48	83.40
C/E30	extent length: 1.70 - 3.00 m	11930V	20.0 <sup>B</sup>	48	89.30
C/E35	extent length: 1.96 - 3.50 m	11931V	26.0 <sup>B</sup>	48	98.60
C/E40	extent length: 2.20 - 4.00 m	11932V	29.5 <sup>B</sup>	48	107.10
C/E45	extent length: 2.45 - 4.50 m	11933V	32.5 <sup>C</sup>	42	136.90
C/E55	extent length: 2.96 - 5.50 m	11934V	44.0 <sup>C</sup>	30	185.30



Thread cleaner  
Triple thread for significant time saving.



Robust punch nose for quick decapsulation.



All props marked b type class and load table.

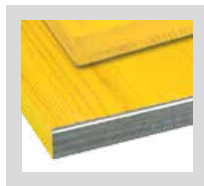


Test number marked on foot.



The height of the setting handle can be read on a scale.





### Shuttering panels with edge protection

3-layer shuttering panels, glued in itself, with longitudinal running outer layer and transverse middle layer. The wood is aligned with the outer layers to avoid cracks. The gluing carried out with melamine-formaldehyde resin (MUF) according to SWP/3. External condition of the standard UNE CEN/TS 13353, which ensures a high operational capability and long service life with proper treatment

with edge protection	Part-No.	Kg	Unit	Euro
length: 1000 mm, width: 500 mm	102110	5.5 <sup>A</sup>	25	18.40
length: 1500 mm, width: 500 mm	102115	8.5 <sup>B</sup>	25	27.30
length: 2000 mm, width: 500 mm	102120	11.0 <sup>B</sup>	25	36.10
length: 2500 mm, width: 500 mm	102125	13.5 <sup>C</sup>	25	45.20

#### Edge protection:

- Reduced moisture absorption
- Cracks in the wood are reduced
- Longer working life

without edge protection	Part-No.	Kg	Unit	Euro
length: 1000 mm, width: 500 mm	102110-0	5.5 <sup>A</sup>	25	17.50
length: 1500 mm, width: 500 mm	102115-0	8.5 <sup>B</sup>	25	26.40
length: 2000 mm, width: 500 mm	102120-0	11.0 <sup>B</sup>	25	35.20
length: 2500 mm, width: 500 mm	102125-0	13.5 <sup>C</sup>	25	44.30

#### 3-layer shuttering panels:

- High stability and dimensional accuracy
- High load-bearing capacity of melamine resin (lengthwise and crosswise)
- Resistant surface



### Stacking pallet

stacking pallets also available with crane hooks for scaffolding trestles and formwork panels, with robust stacking corners with hole for crane, uprights and cross tubes made of 50 x 50 mm square tube filling dimensions: 0.68 m x 0.52 m x 1.00 m

	Part-No.	Kg	Unit	Euro
painted	50140	25.0 <sup>B</sup>	5	128.00
galvanized	50140V	26.0 <sup>B</sup>	5	165.00

### Shuttering panel SET

consisting of:

- 1 x stacking pallet (part-no. 50140)
- 40 x shuttering panel with edge protection

	Part-No.	Kg	Unit	Euro
length: 1000 mm, width: 500 mm	102110-SET	246.0 <sup>B</sup>	1	880.00
length: 1500 mm, width: 500 mm	102115-SET	366.0 <sup>B</sup>	1	1220.00
length: 2000 mm, width: 500 mm	102120-SET	466.0 <sup>B</sup>	1	1560.00
length: 2500 mm, width: 500 mm	102125-SET	566.0 <sup>C</sup>	1	1910.00



## Formwork beam of wood SCHAKE H20

robust, high-quality glued wood all-purpose support

### with end-cap

	Part-No.	Kg	Unit	Euro
length: 2100 mm, height: 200 mm	102021	12.3 <sup>B</sup>	50	32.90
length: 2450 mm, height: 200 mm	102024	13.4 <sup>C</sup>	50	38.20
length: 2600 mm, height: 200 mm	102026	14.0 <sup>C</sup>	50	41.80
length: 2900 mm, height: 200 mm	102029	15.9 <sup>C</sup>	50	46.50
length: 3300 mm, height: 200 mm	102033	18.5 <sup>C</sup>	50	53.20
length: 3600 mm, height: 200 mm	102036	19.5 <sup>C</sup>	50	58.70
length: 3900 mm, height: 200 mm	102039	20.5 <sup>C</sup>	50	63.90
length: 4500 mm, height: 200 mm	102045	21.5 <sup>D</sup>	50	74.20
length: 4900 mm, height: 200 mm	102049	22.5 <sup>D</sup>	50	81.30
length: 5900 mm, height: 200 mm	102059	23.5 <sup>D</sup>	50	98.00

### without end-cap

	Part-No.	Kg	Unit	Euro
length: 2100 mm, height: 200 mm	102021-0	12.3 <sup>B</sup>	50	32.20
length: 2450 mm, height: 200 mm	102024-0	13.4 <sup>C</sup>	50	37.50
length: 2600 mm, height: 200 mm	102026-0	14.0 <sup>C</sup>	50	41.10
length: 2900 mm, height: 200 mm	102029-0	15.9 <sup>C</sup>	50	45.80
length: 3300 mm, height: 200 mm	102033-0	18.5 <sup>C</sup>	50	52.50
length: 3600 mm, height: 200 mm	102036-0	19.5 <sup>C</sup>	50	58.00
length: 3900 mm, height: 200 mm	102039-0	20.5 <sup>C</sup>	50	63.20
length: 4500 mm, height: 200 mm	102045-0	21.5 <sup>D</sup>	50	73.50
length: 4900 mm, height: 200 mm	102049-0	22.5 <sup>D</sup>	50	80.60
length: 5900 mm, height: 200 mm	102059-0	23.5 <sup>D</sup>	50	97.10

### Mounting fork

assembly fork for H20 beams as an auxiliary tool for shuttering and striking the formwork beams in the formwork system galvanized

	Part-No.	Kg	Unit	Euro
galvanized	1020H	2.7 <sup>A</sup>	1	37.90

### Beam forming support

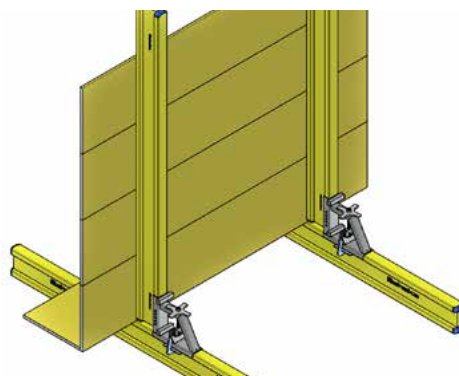
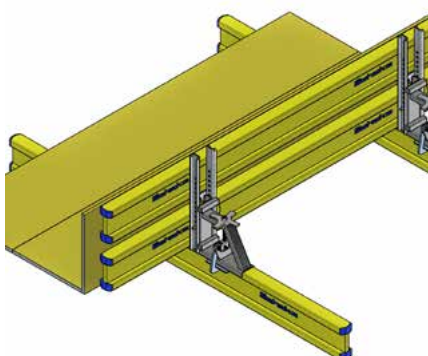
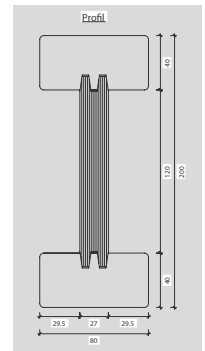
for insertion on H20 wooden formwork beam, for edge and slab formwork, by means of a spindle the holding claw grips the H20 girder and fixes the beam clamp, the height adjustment is made with captive bolt in the hole grid

	Part-No.	Kg	Unit	Euro
galvanized	111975	13.8 <sup>A</sup>	1	118.00



### Special features:

- Stable edge protection
- Positive and frictional press-fit
- Bevel reduces wood cracking and splintering
- High load capacity with low net weight
- Softwood from domestic forests under sustainable management (PEFC certified)



Traffic safety

Infrastructure building

Mobile fence

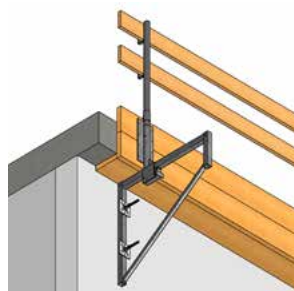
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



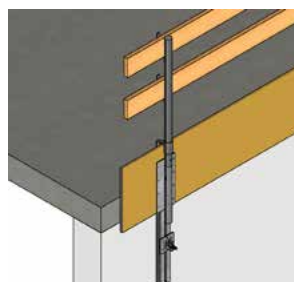
**Formwork bracket**

for slab edge formwork and slab cantilevers, infinitely adjustable from 100 -750 mm, fixing of the formwork width by wedge locking device incl. mounting for guard-railing posts e.g. part-no. 11277VG, which may be used with toe boards to form a permissible system. Planks up to 350 mm can be attached as edge formwork. To fix the formwork bracket, one or two threaded rolling rods are passed through the wall and bolted with plate nuts.  
Finish: galvanized

Part-No.	Kg	Unit	Euro
112952	19.0 <sup>B</sup>	1	115.00

**Stop-end rail**

for slab edge formwork at the same level as the wall, incl. mounting for guard-railing posts e.g. part-no. 11277VG, which may be used with toeboards to form a permissible system. Planks up to 350 mm can be used as edge formwork. To fix the stop-end rail, a threaded rolling bar is passed through the wall. Finish: galvanized



Part-No.	Kg	Unit	Euro
112953	6.5 <sup>A</sup>	1	38.50

**Uni-prop**

for various use in building construction, the available length complete the range of formwork props to cover all pertinent heights, with outer thread cleaner, robust punch nose for quick decapsulation, handcrush and failure guards make handling these props safer, permitted loads similar class B/D 2 to



parted	Part-No.	Kg	Unit	Euro
extent length: 450 - 620 mm	11825P	6.5 <sup>A</sup>	48	41.70
extent length: 600 - 925 mm	11826P	7.5 <sup>A</sup>	48	44.80
extent length: 800 - 1320 mm	11827P	8.8 <sup>A</sup>	48	48.80
extent length: 1000 - 1720 mm	11828P	10.2 <sup>A</sup>	48	53.40

galvanized	Part-No.	Kg	Unit	Euro
extent length: 450 - 620 mm	11825V	6.5 <sup>A</sup>	48	43.90
extent length: 600 - 925 mm	11826V	7.5 <sup>A</sup>	48	48.20
extent length: 800 - 1320 mm	11827V	8.8 <sup>A</sup>	48	53.00
extent length: 1000 - 1720 mm	11828V	10.2 <sup>A</sup>	48	59.10



## Bail of round steel for Window props, galvanized

Prop	Part-No. Prop	Part-No. Bail		Kg	Unit
		205276			
Window prop 0.9 - 1.5 m, painted	11102	X		0.5	1
Window prop 0.9 - 1.5 m, galvanized	111981	X		0.5	1
Window prop 1.2 - 2.0 m, painted	11103	X		0.5	1
Window prop 1.2 - 2.0 m, galvanized	111983	X		0.5	1

## Window prop

with galvanized threaded socket, suitable for all common window sizes, for individual application in building construction, simple handling, with hand crush and failure guards as required by the applicable accident prevention regulations, a label affixed to the window prop marks the adjusting range at the prop lock, the permitted loads similar to those for class A props

parted	Part-No.	Kg	Unit	Euro
length: 0.90 - 1.50 m	11102	10.0 <sup>A</sup>	80	34.90
length: 1.20 - 2.00 m	11103	13.0 <sup>A</sup>	80	41.80
<b>galvanized</b>				
length: 0.90 - 1.50 m	111981	10.0 <sup>A</sup>	80	45.10
length: 1.20 - 2.00 m	111983	13.0 <sup>A</sup>	80	54.50

## Bail

made of round steel Ø12mm for window props

	Part-No.	Kg	Unit	Euro
galvanized	205276	0.5 <sup>A</sup>	1	3.90



Easy identification by a label with main data



The height of the setting handle can be read on a scale.  
Tube diameter: Ø 57 mm



G-hooks can be inserted every 100 mm; the setting handle, the disc and the bail are also galvanized also on painted formwork props.



Window prop also with hand crush guard

## Cross-bracing clamp

cross-bracing clamp for all props of 48 mm - 76 mm diameter

	Part-No.	Kg	Unit	Euro
painted	111984	1.0 <sup>A</sup>	20	11.20
galvanized	111985	1.0 <sup>A</sup>	20	11.80



## Spring pin

for all common formwork props, Ø 14 mm, length approx. 130 mm suitable as a replacement for hooks or other applications at the construction site

	Part-No.	Kg	Unit	Euro
galvanized	11800	1.0 <sup>A</sup>	10	8.80





Traffic safety

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Mobile fence

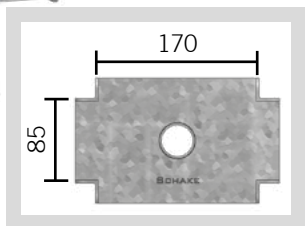
Formwork

Building support safety

Storage - transport

Building site installation

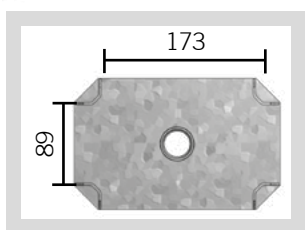
Barrier free construction site



**Head for formwork prop type „Standard“**

can be fitted on top of formwork props to hold the wood formwork support for which 4 corner angles are welded. Inner dimensions suitable for all wood formwork supports. The wood formwork supports can be fixed by a nail through a bore in the corner angles  
Height approx. 200 mm

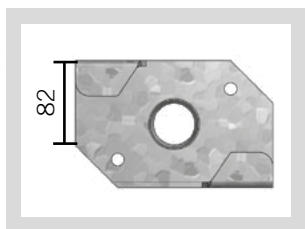
	Part-No.	Kg	Unit	Euro
galvanized tube Ø 26.9 mm	10192-0	3.0 A	50	12.70
galvanized tube Ø 38.0 mm	10192	3.5 A	50	13.10



**Head for formwork prop type „Profi“**

can be fitted on top of formwork props (tube: Ø 38 mm) to hold the wood formwork support for which 4 corner angles (double angles) are welded. Inner dimensions suitable for all wood formwork supports. The wood formwork supports can be fixed by a nail through a bore in the corner angles.  
Height approx. 200 mm

	Part-No.	Kg	Unit	Euro
galvanized	10192-1	4.0 A	50	18.30



**Head for formwork prop**

can be fitted on top of formwork props (tube: Ø 38 mm) to hold the wood formwork support for which 2 angles are welded which engage the profile of the wood formwork supports (inner dimension: 82 mm). The wood formwork supports can be fixed by a nail through a bore in the corner angles.  
Height approx. 45 mm

	Part-No.	Kg	Unit	Euro
galvanized	10192-2	1.0 A	50	5.90



**Example for a set:**



Storage system for props and accessories on the basis of our stackable pallet made of square tube part-no.50115

**Example for equipment:**

- 48 pcs. Formwork props class BD 30, galvanized with outer thread (part-no. 11830V) in stackable pallet (part-no. 50115)
- 36 pcs. Tridops galvanized (part-no. 11199S) in adaptation for tripods (part-no. 50115-5)
- 84 pcs. Heads for formwork props galvanized (part-no. 10192) in 2 baskets for storage of heads (part-no. 50115-2) and pallet (part-no. 50115)
- 30 pcs. Formwork beams of wood H20, length 2900 mm (part-no. 102029) in pallet (part-no. 50115)

Other equipments possible on demand.



**Tripod stand**

the formwork prop can be fixed simply by a bracket that is supported movably on the tripod stand. The feet can be adjusted and are collapsible for spacesaving transport. Suitable for all types of formwork props

	Part-No.	Kg	Unit	Euro
galvanized	11199	8.5 <sup>A</sup>	25	38.80

For the same applications, but heavier design with square tube

	Part-No.	Kg	Unit	Euro
galvanized	11199S	10.0 <sup>A</sup>	25	41.60

**Tripod stand type „Profi“**

designed for a demanding user, very robust construction made of strong square tube, can be folded up to save space and therefore well suited for storage and transport despite its size, with telescopic legs for particularly large supports or uneven ground, incl. inclinable stand for optimal positioning,

	Part-No.	Kg	Unit	Euro
galvanized	11199P	21.0 <sup>A</sup>	25	115.50

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**Mesh box pallet**

very robust pallet made of square tube 60 x 60 mm, with welded mesh and wooden bottom plate for storing small components and accessories on-site, inner dimensions: 1.43 x 0.87 x 0.69 m, with very robust hooks for crane transportation, can be handled from all sides for a flexible use on-site, can be combined with our transport pallet 50115, stackable

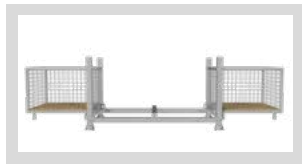


	Part-No.	Kg	Unit	Euro
galvanized	50215	90.0 B	1	535.00

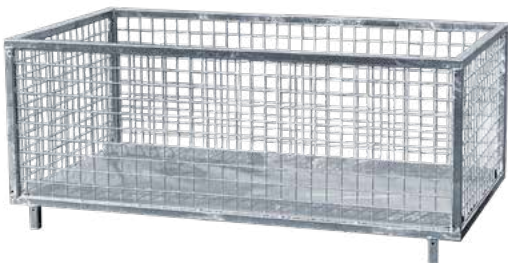


**Basket for storage of formwork prop heads**

robust steel basket with wooden bottom plate, can be attached to our stacking pallet for formwork props 50115, the basket is connected to the face side of the stacking pallet without the need for tools, automatically arresting, the perfect addition to our stacking system for formwork props and accessories, framed mesh inner dimensions: length: 0.70 m, width: 0.78 m, height: 0.53 m



	Part-No.	Kg	Unit	Euro
galvanized	50115-2	33.0 A	1	209.00



**Mesh basket for storage of accessories**

mesh basket for storage of accessories for toolless hanging in in pallet 50115 to expand, ground made of folded steel panel, inner dimensions: length: 1.48 m, width: 0.78 m, height: 0.53 m

	Part-No.	Kg	Unit	Euro
galvanized	50115-3	50.0 B	1	324.00



**Stacking pallet made of square tubes 60 x 60 mm**

especially for storage and transport of formwork props, inside dimension: 1.43 m x 0.87 m x 0.69 m, made of square tube 60 mm x 60 mm welded, very robust for crane operation, all-around below accessible very robust stacking pallet

	Part-No.	Kg	Unit	Euro
galvanized	50115	52.0 B	1	279.00





### Adapter for tripod stand

suitable for set up on our stacking pallet item no. 50115, without screw fastening, suitable for the storage or transport of 36 tripod stands made of round or square tube

	Part-No.	Kg	Unit	Euro
galvanized	50115-5	47.0 <sup>B</sup>	1	143.00



### Tripod stand SET 1

consisting of:

- 1 x stackable pallet of square tube 60 x 60 mm, galvanized, (part-no. 50115)
- 1 x adapter for tripod stand, galvanized, (part-no. 50115-5)
- 36 x tripod stand heavy design, galvanized, (part-no. 11199S)

	Part-No.	Kg	Unit	Euro
	50115-5SET	328.0 <sup>B</sup>	1	1820.00



### Stacking pallet

with robust stacking corners with hole for craning, standpipes and crossbars made of 60 x 60 mm square tube to hold 36 tripod stands made of round or square tube 4-fold stackable

	Part-No.	Kg	Unit	Euro
galvanized	50116-5	70.5 <sup>B</sup>	1	377.00



### Tripod stand SET 2

consisting of:

- 1 x stackable pallet of square tube 60 x 60 mm, galvanized, (part-no. 50116-5)
- 36 x tripod stand heavy design, galvanized, (part-no. 11199S)

	Part-No.	Kg	Unit	Euro
	50116-5SET	317.0 <sup>B</sup>	1	1860.00

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**Slanted prop painted**

with inner thread, pivot joint at both ends

Part-No.	Adjusting range	Kg	Inside-Ø	Outside-Ø	Load at 45° (kN)		Unit	Euro
					on pressure	on strength		
11789	150 - 261 cm	15.9 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 20.0	32	50	78.20
11790	180 - 292 cm	16.9 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 17.5	32	50	81.30
11791	210 - 371 cm	19.1 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 14.0	32	50	90.90
11792	242 - 403 cm	20.3 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 12.5	32	50	94.50
11793	260 - 461 cm	22.9 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 10.0	32	50	102.60
11794	304 - 535 cm	25.3 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 7.5	32	30	111.60

**Slanted prop galvanized**

with inner thread, pivot joint at both ends

Part-No.	Adjusting range	Kg	Inside-Ø	Outside-Ø	Load at 45° (kN)		Unit	Euro
					on pressure	on strength		
11789V	150 - 261 cm	15.9 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 20.0	32	50	81.50
11790V	180 - 292 cm	16.9 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 17.5	32	50	84.90
11791V	210 - 371 cm	19.1 B	48 x 3.5 mm	57 x 2.5 mm	34.5 - 14.0	32	50	95.40
11792V	242 - 403 cm	20.3 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 12.5	32	50	99.00
11793V	260 - 461 cm	22.9 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 10.0	32	50	107.10
11794V	304 - 535 cm	25.3 C	48 x 3.5 mm	57 x 2.5 mm	34.5 - 7.5	32	50	118.80
11795V	412 - 623 cm	30.7 D	48 x 3.5 mm	57 x 2.5 mm	34.5 - 5.0	32	30	164.70



**Bail**

made of round bar steel Ø 15 mm for all slanted props



galvanized

Part-No.	Kg	Unit	Euro
2051533	0.5 A	1	4.10

**Foot for slanted props**

incl. screw connection



galvanized, for outer tube  
Ø 57 mm suitable

Part-No.	Kg	Unit	Euro
1179EG1	1.7 A	1	19.70

galvanized, for inner tube  
Ø 48 mm suitable

Part-No.	Kg	Unit	Euro
1179EG2	1.6 A	1	19.70

**Slanted props**

as tensile or compression props for versatile application on construction sites, for example:

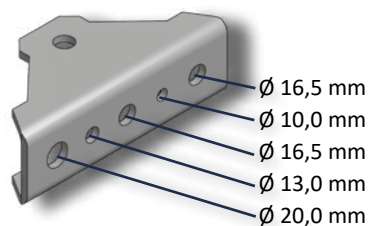
- Propping different types of system formwork
- Adjusting and propping prefabricated concrete parts, particularly hollow walls and or triple sheeting walls
- Propping column or pillar formwork

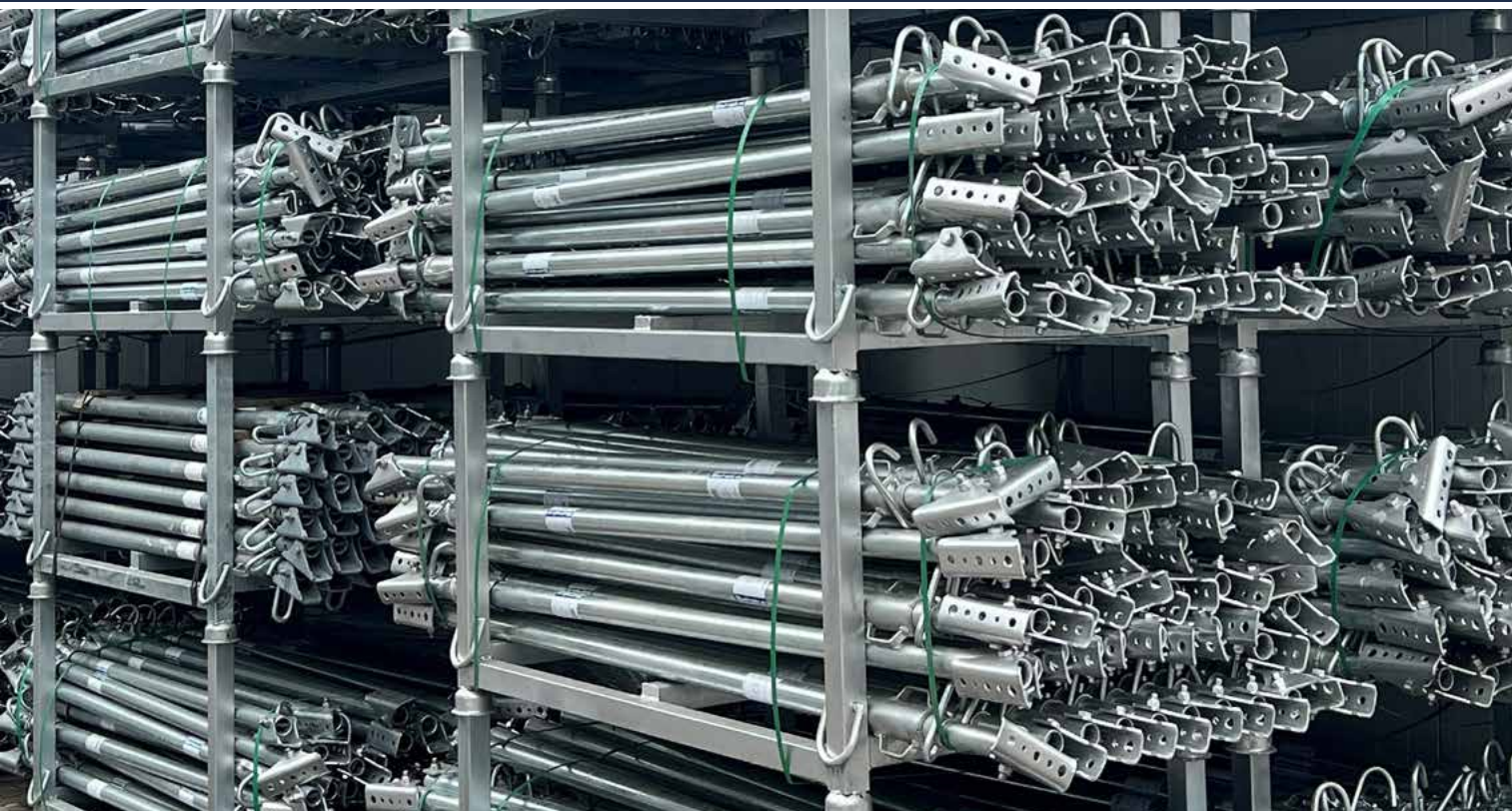
**The advantages at a glance:**

- Suitable for tensile as well as compressive force
- Rough setting by safety pins
- Fine adjustment by protected inner thread
- Movable joints for any slanted or angular position
- Suitable for impact wrenches
- Safety pin to prevent accidental coming out of the pin during concreting or adjusting operations



**Hole pattern End joint**

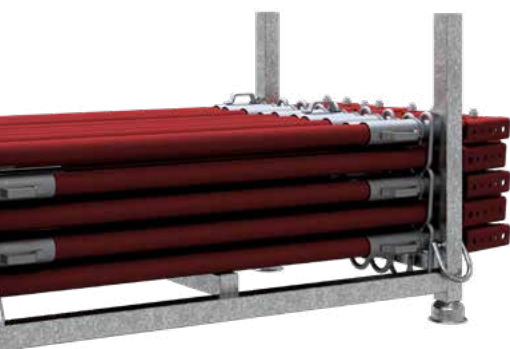




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## Slanted prop SET

consisting of:

50 x slanted prop

1 x stacking pallet (part-no. 50115)



	Part-No.	Kg	Unit	Euro
<b>painted</b>				
incl. slanted prop 180 - 292 cm	11790-SET	935.7 <sup>B</sup>	1	4210.00
incl. slanted prop 210 - 371 cm	11791-SET	1077.7 <sup>B</sup>	1	4680.00
<b>galvanized</b>				
incl. slanted prop 180 - 292 cm	11790V-SET	935.7 <sup>B</sup>	1	4390.00
incl. slanted prop 210 - 371 cm	11791V-SET	1077.7 <sup>B</sup>	1	4900.00

Formwork

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## Push-pull prop SET

consisting of:

50 x push-pull prop

1 x stacking pallet (part-no. 50115)



	Part-No.	Kg	Unit	Euro
<b>without end joint</b>				
incl. push-pull prop 180 - 292 cm	117911R-SET	1034.7 <sup>B</sup>	1	5880.00
incl. push-pull prop 210 - 371 cm	117921R-SET	1295.2 <sup>C</sup>	1	6890.00
<b>with end joint</b>				
incl. push-pull prop 180 - 292 cm	117911R-EG-SET	1251.2 <sup>B</sup>	1	7820.00
incl. push-pull prop 210 - 371 cm	117921R-EG-SET	1511.2 <sup>C</sup>	1	8830.00

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**Push-pull prop type R**

Painted with inner thread, both sides without end joint



Part-No.	Adjustment range	Kg	Spindle -Ø Tube -Ø		Load at 45° (kN)		Unit	Euro
					on pressure	on strength		
117901R	90 - 150 cm	10.3 A	47 / 43.5 mm	70 x 4.0 mm	40.0 - 40.0	40	100	75.90
117911R	180 - 320 cm	19.6 B	47 / 43.5 mm	70 x 4.0 mm	40.0 - 29.2	40	50	115.70
117921R	260 - 400 cm	24.8 C	47 / 43.5 mm	70 x 4.0 mm	38.8 - 12.8	40	50	136.50
117931R	360 - 500 cm	31.4 C	47 / 43.5 mm	70 x 4.0 mm	31.4 - 10.8	40	50	162.30
117941R	480 - 620 cm	39.2 D	47 / 43.5 mm	70 x 4.0 mm	26.4 - 8.9	40	50	184.80
117951R	620 - 760 cm	48.3 D	47 / 43.5 mm	70 x 4.0 mm	22.9 - 7.6	40	30	208.00

**Push-pull prop type R with end joint**

Painted with inner thread, on both sides with end joint

Part-No.	Adjustment range	Kg	Spindle -Ø Tube -Ø		Load at 45° (kN)		Unit	Euro
					on pressure	on strength		
117901R-EG	90 - 150 cm	13.9 A	47 / 43.5 mm	70 x 4.0 mm	40.0 - 40.0	40	100	115.90
117911R-EG	180 - 320 cm	24.0 B	47 / 43.5 mm	70 x 4.0 mm	40.0 - 29.2	40	50	155.70
117921R-EG	260 - 400 cm	29.2 C	47 / 43.5 mm	70 x 4.0 mm	38.8 - 12.8	40	50	175.50
117931R-EG	360 - 500 cm	35.7 C	47 / 43.5 mm	70 x 4.0 mm	31.4 - 10.8	40	50	202.30
117941R-EG	480 - 620 cm	43.5 D	47 / 43.5 mm	70 x 4.0 mm	26.4 - 8.9	40	50	224.40
117951R-EG	620 - 760 cm	51.3 D	47 / 43.5 mm	70 x 4.0 mm	22.9 - 7.6	40	30	248.00



**Push-pull prop**

as tension and compression supports for the most versatile applications in everyday construction site work,

for example for:

- Supporting a wide variety of system formwork, wall and column formwork
- Adjustment and support of precast concrete elements, in particular of hollow or shell walls
- Supporting of column formwork tubes

**The advantages at a glance:**

- Loadable on tension and compression
- Robust handles at an ergonomic height for easy adjustment by turning the center piece as well as for handy transport
- Adjustable to the millimeter by means of opposing internal threads on both sides
- Self-locking thread
- Specially movable end joints for any inclined and angular position





## End piece with spindle for heavy duty formwork prop KN400

spindle with movable base plate and supporting base plate for adaptation of middle pieces by centering pin, adjustment range 445 - 665 mm, adjustable via gear wheel, useable for both head and foot area, very robust steel construction

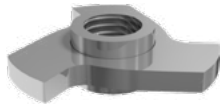
	Part-No.	Kg	Unit	Euro
galvanized	70800	87.0 <sup>A</sup>	1	1462.50



## Bolt for spindle

made from chromium molybdenum steel  $\varnothing$  54 mm, length 190 mm

	Part-No.	Kg	Unit	Euro
	70855	3.3 <sup>A</sup>	1	106.20



## Nut with gear wheel

thread TR 100 x 24

	Part-No.	Kg	Unit	Euro
galvanized	70852	12.8 <sup>A</sup>	1	174.60



## Spindle tube

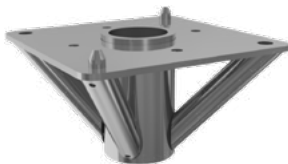
made of steel with increased yield strength, thread TR 100 x 24, tube length 680 mm

	Part-No.	Kg	Unit	Euro
galvanized	70853	26.3 <sup>A</sup>	1	333.00



## Head and foot plate

	Part-No.	Kg	Unit	Euro
galvanized	70854	21.2 <sup>A</sup>	1	257.40



## Base plate with reinforcement tubes

	Part-No.	Kg	Unit	Euro
galvanized	70851	23.9 <sup>A</sup>	1	567.00



## Middle piece

to combine with end-piece steel construction in various lengths mounting with other end pieces by centering pin quite easy, to assure that assembling by bores in ground plates is easy to make

	Part-No.	Kg	Unit	Euro
galvanized	70810	15.0 <sup>A</sup>	1	353.70
element height of: 0.156 m	70820	26.0 <sup>A</sup>	1	531.00
element height of: 0.312 m	70830	38.0 <sup>A</sup>	1	684.00
element height of: 0.625 m	70840	57.0 <sup>A</sup>	1	936.00
element height of: 1.25 m	70850	101.0 <sup>C</sup>	1	1264.50
element height of: 2.50 m				



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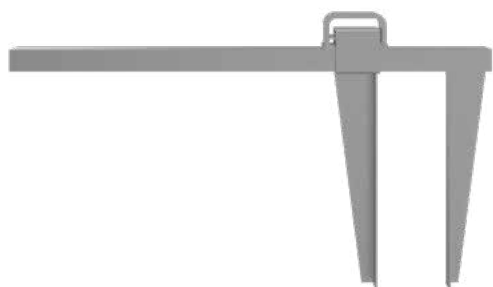


### Spindle formwork clamp

the spindle formwork clamps can be used for strip foundations for beams or for all formwork operations. The formwork clamp is robust and force-fit, also due to the coarse thread of the rolling threaded rod, which is very insensitive to dirt, the formwork clamp meets all the requirements of rough construction site use.

shuttering length: 900 mm, width of the legs: 500 mm

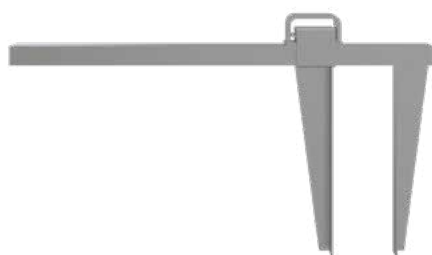
	Part-No.	Kg	Unit	Euro
galvanized	11197K	11.0 <sup>B</sup>	40	63.30



### Formwork clamp

large size for stepless fixing by wedge, 90/50 – Formwork length up to 900 mm. Width of legs: 500 mm. Ground tube made of 50 x 40 square tube, with captive wedge

	Part-No.	Kg	Unit	Euro
painted	11196	11.0 <sup>B</sup>	40	43.00
galvanized	11197	11.0 <sup>B</sup>	40	57.20



### Formwork clamp

small size for stepless fixing by wedge, 50/30 – Formwork length up to 500 mm, width of legs: 300 mm. Ground tube made of 40 x 20 square tube, with captive wedge

	Part-No.	Kg	Unit	Euro
painted	11166	4.0 <sup>A</sup>	50	21.90
galvanized	11177	4.0 <sup>A</sup>	50	26.80



### Foundation clamp

suitable for foundations formwork. The robust construction can support high loads, 90/50 – formwork length up to 900 mm, width of legs: 500 mm. Adjustment by captive wedges

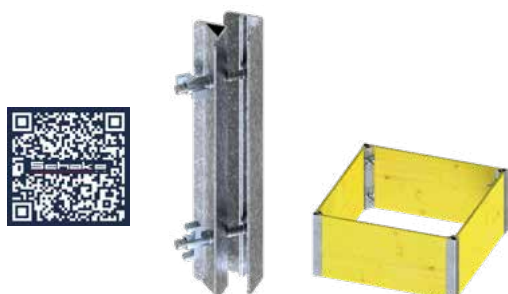
	Part-No.	Kg	Unit	Euro
painted	11195	12.5 <sup>B</sup>	40	53.20



### Shuttering belt

for the production of recesses with flexible contours within the formwork area, made of galvanized sheet steel on 10 m roll

	Part-No.	Kg	Unit	Euro
height: 200 mm	102220	12.0 <sup>A</sup>	1	102.00
height: 220 mm	102222	13.0 <sup>A</sup>	1	107.00
height: 250 mm	102225	15.0 <sup>A</sup>	1	120.00
height: 300 mm	102230	18.0 <sup>A</sup>	1	135.00



### Recess formwork angle

recess formwork angle to accommodate shuttering panels and boards for the construction of recesses within the shuttering area, height 500 mm, outer angle 72 x 72 mm, inner angle 62 x 62 mm, panel or board is clamped onto the rolling threaded rod by means of a wing nut

	Part-No.	Kg	Unit	Euro
galvanized	11204	7.6 <sup>A</sup>	1	92.50



### Stop-end prop

suitable for horizontal formwork. Anchored in the ground by 2 ground pegs (including part-no. 30W80), the angle setting can be varied and telescoped, adjustment is by means of captive pin, square timber for facing (0.75 m long) and 2 ground pegs (part-no. 30W80) are included and can be replaced easily if needed

	Part-No.	Kg	Unit	Euro
painted	111971	10.0 <sup>A</sup>	10	50.85

### Shuttering support inclinable without squared timber

inclinable up to 25°

height: 750mm, width: 200 mm, length: 560 mm

galvanized

	Part-No.	Kg	Unit	Euro
galvanized, without squared timber	111972	14.6 <sup>A</sup>	1	88.10
galvanized, with squared timber	111972-2	16.8 <sup>A</sup>	1	99.00



### Squared timber for shuttering support inclinable

dimensions: 80 mm x 40 mm x 750 mm

	Part-No.	Kg	Unit	Euro
wooden	111972-1	1.6 <sup>A</sup>	1	8.60

### Ground peg

of angle iron 25 mm x 25 mm, with welded head for driving in the ground

	Part-No.	Kg	Unit	Euro
galvanized, 450 mm long	30W80	1.2 <sup>A</sup>	10	5.50
galvanized, 650 mm long	30W80L	1.9 <sup>A</sup>	10	6.15



### Ground nail

length: 800 mm, of angle iron 30 mm x 30 mm, with welded head and hook for driving in the ground

	Part-No.	Kg	Unit	Euro
galvanized	30W80H	2.2 <sup>A</sup>	10	14.30

### Formwork stake

for creating formworks on ground level, stake made of round steel with welded metal sheet with several holes for mounting formwork panels, with forged head and forged tip for driving into the ground

	Part-No.	Kg	Unit	Euro
galvanized	11180	6.4 <sup>A</sup>	10	48.00





**Eccentric clamp „Schalblitz“**

for tensioning wire from 5 mm - 10 mm, load up to 2.500 kg, base plate 110 mm x 75 mm

	Part-No.	Kg	Unit	Euro
red painted	10180	0.5 <sup>A</sup>	25	3.05
galvanized	10181	0.5 <sup>A</sup>	25	3.25



**Eccentric clamp „Schalblitz“**

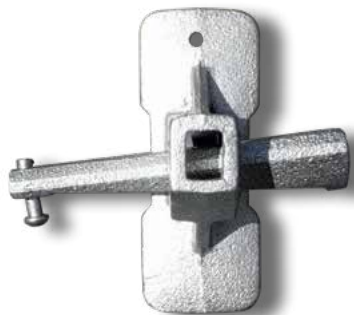
with welded reinforcement corner, for tensioning wire from 5 mm - 10 mm, load up to 2.500 kg, base plate 110 mm x 75 mm

	Part-No.	Kg	Unit	Euro
red painted	10182	0.5 <sup>A</sup>	25	3.70
galvanized	10183	0.5 <sup>A</sup>	25	4.00

**Rack tensioning lever**

for all eccentric clamps, very robust design

	Part-No.	Kg	Unit	Euro
painting	10187	3.0 <sup>A</sup>	1	78.40



**Wedge turnbuckle „Guss“**

for tensioning wire from 8 mm - 12 mm, base plate 100 mm x 40 mm

	Part-No.	Kg	Unit	Euro
galvanized	101841	0.3 <sup>A</sup>	50	2.70



**Wedge turnbuckle „Schalfix“**

for tensioning wire from 5 mm - 8 mm, base plate 90 mm x 60 mm

	Part-No.	Kg	Unit	Euro
red painted	10184	0.4 <sup>A</sup>	50	2.35



**Spindle tensioner**

for all wedge locks and eccentric clamps, also at interior angles of formwork, by axial moving lever

	Part-No.	Kg	Unit	Euro
galvanized	10186	1.2 <sup>A</sup>	1	38.30

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**Formwork clamp**

made of 8 mm thick bent flat-bar steel, slide made of perforated square section, weatherproof coating and available in different formwork lengths

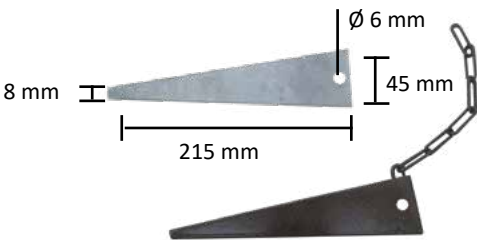
	Part-No.	Kg	Unit	Euro
formwork length: 0 - 750 mm	111951	5.0 <sup>A</sup>	10	23.20
formwork length: 0 - 900 mm	111952	5.2 <sup>A</sup>	10	26.90
formwork length: 0 - 1150 mm	111953	5.5 <sup>A</sup>	10	30.90



**Column clamp**

for square formwork, made of 8 mm flat-bar steel with oblong holes, adjustment by captive wedges, weatherproof coating and available in different formwork lengths

Formwork length:	Part-No.	Kg	Unit	Euro
size:1 0,25 - 0,50 m	11201	8.5 <sup>B</sup>	1	79.40
size:2 0,40 - 0,80 m	11202	13.0 <sup>B</sup>	1	86.70
size:3 0,60 - 1,20 m	11203	28.0 <sup>B</sup>	1	147.00



**Wedge for column clamp**

with hole

	Part-No.	Kg	Unit	Euro
untreated, without chain	101951	0.3 <sup>A</sup>	1	3.55
painted, with chain	101951K	0.5 <sup>A</sup>	1	4.35

**Threaded rod Ø 15 mm x 5800 mm**

threaded rod, bendable, perm. 85 kN, all length available untreated or galvanized, service load 85 kN, ultimate load 170 kN, outside dimension 17 mm, core dimension 15 mm, pitch 10 mm, lenght: 5.80 m

	Part-No.	Kg	Unit	Euro
length: 5,80 m, untreated	11310	9.3 <sup>D</sup>	10	41.90
length: 5,80 m, galvanized	11310V	9.3 <sup>D</sup>	10	55.10



	Kg	Unit	Part-No. untreated	Euro	Part-No. galvanized	Euro
length: 500 mm	0.75 <sup>A</sup>	10	113105	3.45	113105V	3.60
length: 600 mm	0.90 <sup>A</sup>	10	113106	4.15	113106V	4.40
length: 700 mm	1.05 <sup>A</sup>	10	113107	4.80	113107V	5.05
length: 800 mm	1.20 <sup>A</sup>	10	113108	5.30	113108V	5.55
length: 900 mm	1.35 <sup>A</sup>	10	113109	6.10	113109V	6.30
length: 1000 mm	1.50 <sup>A</sup>	10	113110	6.65	113110V	6.90
length: 1100 mm	1.65 <sup>A</sup>	10	113111	7.25	113111V	7.60
length: 1200 mm	1.80 <sup>A</sup>	10	113112	8.15	113112V	8.60
length: 1300 mm	1.95 <sup>A</sup>	10	113113	8.80	113113V	9.45
length: 1400 mm	2.10 <sup>A</sup>	10	113114	9.35	113114V	10.00
length: 1500 mm	2.25 <sup>B</sup>	10	113115	10.10	113115V	10.80



**Wing nut, flange**

WOF 27, casting, preferred use for grid-pattern formwork, permitted load perm. 90 kN (DIN 18216)

	Part-No.	Kg	Unit	Euro
galvanized, Ø 70 mm	11303	0.5 <sup>A</sup>	10	4.15
galvanized, Ø 100 mm	113013	0.7 <sup>A</sup>	10	5.35



### Hexagon nuts WOF30

made of St52.3; for rolled thread bar 15 mm

	Part-No.	Kg	Unit	Euro
length: 30 mm	11304	0.1 <sup>A</sup>	10	2.80
length: 50 mm	11305	0.2 <sup>A</sup>	10	3.20
length: 70 mm	11306	0.3 <sup>A</sup>	10	3.70
length: 90 mm	11307	0.4 <sup>A</sup>	10	4.50



### Combination plate, 1-part, movable

8F 12/12, for anchor bar 15 mm, 90 kN service load (DIN 18236)

	Part-No.	Kg	Unit	Euro
galvanized	11309	1.1 <sup>A</sup>	10	13.30



### Counterplate / Underlay plate

in combination with the wing nut, transfers load from the anchor bar in wood and steel boom, Ø 15 mm, for steel booms 120 mm x 120 mm x 10 mm

	Part-No.	Kg	Unit	Euro
galvanized	113091	1.0 <sup>A</sup>	10	5.10



### Wing nut

anchor nut for anchor bars 15 mm in combination with underlay plates, with hexagon WOF 27

	Part-No.	Kg	Unit	Euro
galvanized	113092	0.2 <sup>A</sup>	10	3.55



### Water valve

for tensioning bar Ø 15 mm, Pmax. = 90 kN

	Part-No.	Kg	Unit	Euro
untreated	113093	0.3 <sup>A</sup>	10	6.20



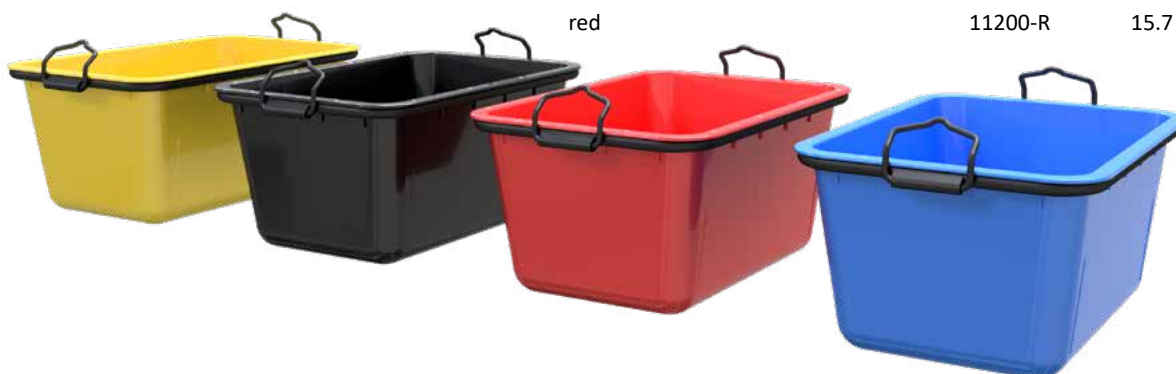
Individualize the mortar tray with your logo, for your advertising and theft protection!



### Mortar tray 200l

made of robust and impact resistant HDPE (High Density Polyethlen) with high density UV stabilized, for transport of mortar and other materials on the construction site, with coated steel frame, crane and stackable, nominal load 500 Kg, length: 1050 mm width: 705 mm height: 490 mm

	Part-No.	Kg	Unit	Euro
yellow	11200-G	15.7 <sup>B</sup>	1	109.80
blue	11200-B	15.7 <sup>B</sup>	1	109.80
black	11200-S	15.7 <sup>B</sup>	1	109.80
red	11200-R	15.7 <sup>B</sup>	1	109.80



## Building support - safety

- Scaffolding jacks
- Step stools
- Ladders
- Building stairs
- Guard rail clamps
- Steel grids
- Bracket scaffolding

Traffic safety

Infrastructure building

Mobile fence

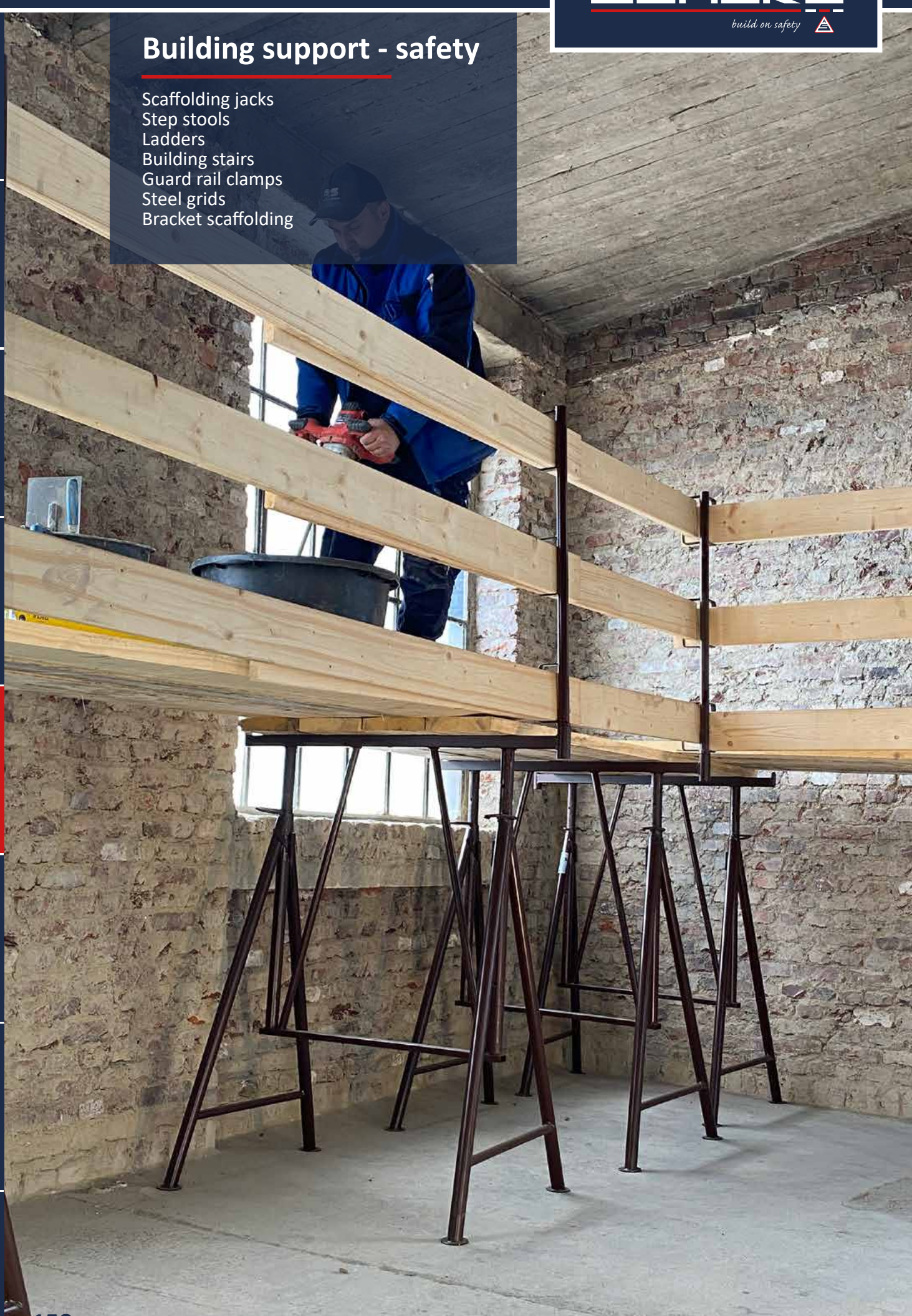
Formwork

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Building site installation

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## Folding jack „Compact S 1200“

sturdy steel construction with supporting crossbar of 40 mm x 40 mm square tube and side-welded tube holder for railing posts and fall arrester plate; both feet (of Ø 42 mm round tube) can be turned and have 2 base plates each for stable positioning on any ground; top with crossbar can be telescoped and fixed at several positions by a captive hook, width: 1.20 m, load: 1500 kg

### brown painted

size 1 height: 0.75 - 1.30 m  
size 2 height: 1.00 - 1.75 m  
size 3 height: 1.20 - 1.95 m

Part-No.	Kg	Unit	Euro
10121S	15.0 B	5	78.70
10122S	19.0 B	5	82.00
10123S	21.0 B	5	85.00

### galvanized

size 1 height: 0.75 - 1.30 m  
size 2 height: 1.00 - 1.75 m  
size 3 height: 1.20 - 1.95 m

10121VS	15.0 B	5	110.70
10122VS	19.0 B	5	120.60
10123VS	21.0 B	5	131.40



## Folding jack „Compact S 1500“

same design as „Compact S 1200“ but width: 1.50 m, load: 1500 kg

### brown painted

size 6 height: 1.20 - 1.95 m

10126S	22.0 B	5	102.60
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### galvanized

size 6 height: 1.20 - 1.95 m

10126VS	22.0 B	5	137.70
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Our well-stocked warehouse enables short delivery times to your construction site.

## Railing post for „Compact S“

for use as fall arrester, with 3 welded brackets (inner size: 65 mm x 170 mm) for mounting planks, vertical tube of Ø 33.7 mm round tube, with welded ring for insertion in the sleeve of Ø 42.4 mm round tube, height: 1.00 m above ground

brown painted  
galvanized

Part-No.	Kg	Unit	Euro
112773	4.0 B	10	17.10
112774	4.0 B	10	19.30

## Corner railing post

corner railing posts have double the number of brackets welded in a 90° angle to each other so fall arresters can be installed around corners, height of the corner railing post: 1.00 m above ground

brown painted  
galvanized

112777	4.0 B	10	21.80
112778	4.0 B	10	23.80







### Folding jack SET 1

consisting of:

3 x folding jack Kompakt S size 3 (part-no. 10123S)

3 x guard-railing posts (part-no. 112773)

8 x scaffolding plank 240 x 2500 x 45 mm (part-no. 103025)

6 x wooden plank dry (part-no. 103125)

1 x aluminium ladder of I-profile (part-no. 70703)

Part-No.	Kg	Unit	Euro
10123S-SET1	240.4 <sup>B</sup>	1	700.00



### Folding jack SET 2

consisting of:

1 x storage and transport pallet (part-no. 10123-5)

10 x folding jack „Compact S 1200“ (part-no. 10123S)

Part-No.	Kg	Unit	Euro
10123S-SET2	268.5 <sup>B</sup>	1	1250.00



### Storage and transport pallet for scaffolding jacks

for compact and system scaffold jack size 3, suitable for forklift and pallet truck as well as for crane operation, due to the contours of the tulip feet the pallets can be stacked in a stable manner, standpipes are removable and can be temporarily stored in the retaining construction, for 10 pieces

Dimensions: 1180 mm x 890 mm x 1340 mm

Part-No.	Kg	Unit	Euro
galvanized 10123-5-10	48.5 <sup>B</sup>	1	435.00





## Construction pit trestle type Korrekktiv

construction pit trestle type Korrekktiv, sturdy steel construction with support traverse made of 40 x 40 mm square tube as well as laterally welded bracket for guardrail posts, base made of Ø 42mm round tube on one side, rotatable with two base plates for stable positioning on the ground. Top frame with crossbar is extendable and adjustable in several steps, by means of a captive hook

color	Part-No.	Kg	Unit	Euro
brown painted size 3 height: 1.20 m - 1.95 m	10123K	18.2 <sup>A</sup>	5	100.00



## Folding jack „Universal“ U1500

very robust design with supporting cross tube of 80 mm x 40 mm square tube and side welded tube socket for installation of railing posts (1 railing post is included in the delivery) as back guard to protect from falling or for top mounted parts; holders are welded to the bottom of the tube socket in which diagonal braces can be installed, such braces are required as stiffeners from a scaffold height of 2.00 m and higher (see part-no. 11271/11272 on page 118); both feet (of Ø 42 mm round tube) can be turned and have 2 base plates each for high stability on any ground; top frame with crossbar can be extended and fixed at several positions by a captive hook, load can be set: 900 kg

width: 1.50 m  
height: 1.70 - 3.00 m

color	Part-No.	Kg	Unit	Euro
painted	10127S	44.0 <sup>B</sup>	5	217.80
galvanized	10127VS	44.0 <sup>B</sup>	5	248.40

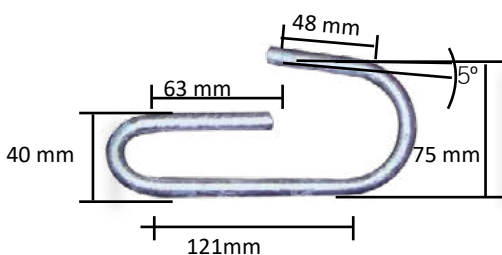


The universal folding jacks from a height of 2.00 m have to be braced diagonally, see part-no. 11271 / 11272

## Hook

hook of bent round steel S 235 JR of diameter 10 mm, can be used for securing the height adjusting mechanism of all folding jacks

color	Part-No.	Kg	Unit	Euro
galvanized	101953	0.8 <sup>A</sup>	1	3.20



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## Folding scaffold trestle „System FS 1200“

stable steel construction with U-profile for system planks and commercially available scaffold planks, incl. lateral welded-on tube holders for guard-railing post of part. no. 11277VG. Feet made of  $\varnothing$  42 mm round tube with 2 base plates for stable positioning on any surface, feet rotatable for space-saving storage. Height adjustable by simple pull out and lockable by G-hooks to the desired height. Height adjustment from 1.20m - 1.95m; Support width: 1.20m; Load capacity: 1500 Kg version: hot-dip galvanized

	Part-No.	Kg	Unit	Euro
size 3 height: 1.20 - 1.95 m	10123FS	29.0 <sup>B</sup>	5	153.90



## Steel system plank steel

the solid and handy steel floor is extremely non-slip and slip-proof due to the hole profiling. Depending on the length, it can be used up to load class 6. An inspection of the floors should take place before each use. The 19 cm wide decks can be used as intermediate decking to close gaps when using of brackets and platform scaffolds.



	Part-No.	Kg	Unit	Euro
length: 1.00 m	103210	10.6 <sup>A</sup>	1	53.30
length: 1.50 m	103215	14.4 <sup>B</sup>	1	73.00
length: 2.00 m	103220	18.3 <sup>B</sup>	1	90.90
length: 2.50 m	103225	22.2 <sup>C</sup>	1	111.60
length: 3.00 m	103230	26.1 <sup>C</sup>	1	135.00



## Railing post made of $\varnothing$ 48 mm round tube

for use as fall protection, with 3 welded-on brackets (inner dimension: 65 x 170 mm) for hanging boards, stand tube made of  $\varnothing$  48.3 mm round tube, with welded pipe socket for insertion into sleeve made of  $\varnothing$  48.3 mm round tube. Height: 1.00 m above ground suitable for folding jack system, folding jack Universal, as well as all crank-operated scaffolding jacks.

	Part-No.	Kg	Unit	Euro
galvanized	11277VG	3.5 <sup>A</sup>	1	24.50

## Corner railing post made of $\varnothing$ 48 mm round tube

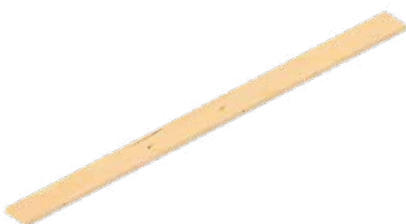
the double number of brackets is welded at an angle of 90° to each other, so that fall protection can be made around corners. Height of the corner guardrail post: 1.00 m above ground

	Part-No.	Kg	Unit	Euro
galvanized	11278VG	4.0 <sup>A</sup>	1	26.70

## Wooden plank dry

according to DIN 4074, dried, planed, round edges, rectangular capped to measure, thickness: 30 mm, width: 150 mm

	Part-No.	Kg	Unit	Euro
2500 mm	103125	6.0 <sup>C</sup>	50	12.00
3000 mm	103130	7.0 <sup>C</sup>	50	23.70
3500 mm	103135	8.5 <sup>C</sup>	50	27.70





### Crank-operated scaffolding jack

the foot frame gives the scaffolding support stability on any ground, the height of the top frame can be adjusted as needed by turning the slip-on crank, you can find the crank further down in this product range (part-no. 11280), the rotary movement of the crank is transformed into an up-and down movement of the top frame by shaft and star wheel, supporting tube of 80 mm x 40 mm square tube, round tube sockets ( $\varnothing$  48.3 mm) welded, on both sides hold the railing post as fall arrester or for mounting the top frame; Load: 1600 kg

brown painted	Part-No.	Kg	Unit	Euro
width: 1.20 m, height: 0.65 - 1.10 m	101281	26.0 <sup>B</sup>	10	174.60
width: 1.20 m, height: 1.20 - 1.95 m	10128	30.0 <sup>B</sup>	10	185.40
width: 1.50 m, height: 1.20 - 1.95 m	10129	35.0 <sup>B</sup>	10	192.60
width: 1.50 m, height: 1.70 - 3.00 m	10130	42.0 <sup>B</sup>	10	284.40

galvanized	Part-No.	Kg	Unit	Euro
width: 1.20 m, height: 0.65 - 1.10 m	101281V	27.0 <sup>B</sup>	10	210.60
width: 1.20 m, height: 1.20 - 1.95 m	10128V	31.0 <sup>B</sup>	10	217.80
width: 1.50 m, height: 1.20 - 1.95 m	10129V	36.0 <sup>B</sup>	10	225.90
width: 1.50 m, height: 1.70 - 3.00 m	10130V	43.0 <sup>B</sup>	10	298.80



suitable diagonal strut can be found further down in our product range. (part-no. 11271 / 11272)



The universal folding jacks from a height of 2.00 m have to be braced diagonally, see part-no. 11271 / 11272

### Crank handle

for operating the adjusting mechanism of crank-operated scaffolding jack, the square tube welded on one side is slipped on the profile of the axis of the base of the crank-operated scaffolding jack, the handle is covered with a plastic sheath for comfortable handling, mounting size: 25 mm x 25 mm

galvanized	Part-No.	Kg	Unit	Euro
	11280	1.5 <sup>A</sup>	1	18.50

### Railing post made of $\varnothing$ 48 mm roundtube

for use as fall protection, with 3 welded-on brackets (inner dimension: 65 x 170 mm) for hanging boards, stand tube made of  $\varnothing$  48.3 mm round tube, with welded pipe socket for insertion into sleeve made of  $\varnothing$  48.3 mm round tube. Height: 1.00 m above ground suitable for folding jack system, folding jack Universal, as well as all crank-operated scaffolding jacks

	Part-No.	Kg	Unit	Euro
painted	11277G	3.5 <sup>A</sup>	1	20.20
galvanized	11277VG	3.5 <sup>A</sup>	1	24.50

### corner railing post with 90° angle

	Part-No.	Kg	Unit	Euro
painted	11278G	4.0 <sup>B</sup>	1	24.50
galvanized	11278VG	4.0 <sup>B</sup>	1	26.70





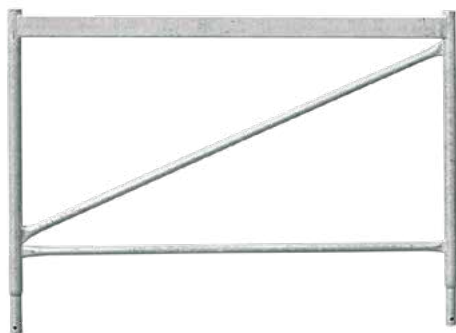
**Diagonal strut**

the connecting clamp is included in the article. The entire strut is telescopic in the range of 2.00 - 2.60 m and is secured by means of a captive pin

	Part-No.	Kg	Unit	Euro
painted	11271	6.0 <sup>B</sup>	1	48.00
galvanized	11272	6.0 <sup>B</sup>	1	51.10

**Bracket for diagonal strut**

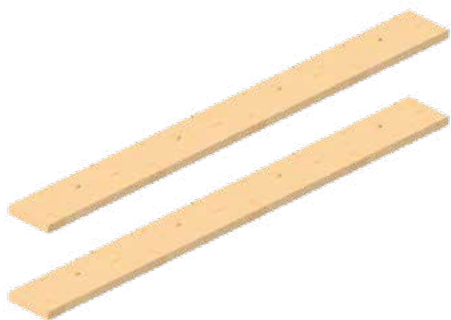
	Part-No.	Kg	Unit	Euro
painted	11281	0.5 <sup>A</sup>	1	8.90
galvanized	11282	0.5 <sup>A</sup>	1	9.10



**Top-mounted part**

for insertion in the mounting socket of the crank-operated or universal scaffolding jack as fall arrester, steel tube construction of Ø 48.3 mm round tube with diagonal reinforcement, supporting crossbar of 80 mm x 40 mm square tube, height of the top mounted part: 1.00 m

	Part-No.	Kg	Unit	Euro
<b>painted</b>				
width: 1.20 m	11273	13.5 <sup>B</sup>	1	89.40
width: 1.50 m	11275	16.0 <sup>B</sup>	1	94.50
<b>galvanized</b>				
width: 1.20 m	11274	13.5 <sup>B</sup>	1	105.00
width: 1.50 m	11276	16.0 <sup>B</sup>	1	116.00



**Scaffolding plank**

according to DIN 4074 grade S10

	Part-No.	Kg	Unit	Euro
<b>45 x 240 mm</b>				
2500 mm	103025	15.0 <sup>C</sup>	52	22.40
3000 mm	103030	18.0 <sup>C</sup>	52	26.80
3500 mm	103035	21.0 <sup>C</sup>	52	31.10
4000 mm	103040	24.0 <sup>D</sup>	52	35.60
4500 mm	103045	27.0 <sup>D</sup>	52	40.00

**40 x 240 mm**

4000 mm	104040	21.3 <sup>D</sup>	56	31.60
4500 mm	104045	24.0 <sup>D</sup>	56	35.60



**Wooden plank dry**

according to DIN 4074, dried, planed, round edges, rectangular capped to measure, thickness: 30 mm, width: 150 mm

	Part-No.	Kg	Unit	Euro
2500 mm	103125	6.0 <sup>C</sup>	50	12.00

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**Step stool**

for safe, elevated working. Step stool with U-shaped attachment for suspending steel scaffold planks, galvanised steel construction of square tube 35 x 35 mm and 30 x 30 mm



Working width 0.70 m  
Working height 0.60 m

3 steps: approx. 240 x 700 mm, step height approx. 190 mm, step dimensions without steel scaffold planks: Width approx. 0.8 m x length approx. 0.75 m

	Part-No.	Kg	Unit	Euro
galvanized	71500	26.5 B	1	189.00



**Step stool with side railings**

railing height approx. 1.00 m  
consisting of:

- 1 x step stool (part-no. 71500)
- 2 x step railings incl. fastening set (part-no. 71500SGE)

Part-No.	Kg	Unit	Euro
71500G	33.5 B	1	220.00

**Steel system plank steel**

the solid and handy steel floor is extremely non-slip and slip-proof due to the hole profiling. Depending on the length, it can be used up to load class 6. An inspection of the floors should take place before each use. The 19 cm wide decks can be used as intermediate decking to close gaps when using of brackets and platform scaffolds.

	Part-No.	Kg	Unit	Euro
length: 1.00 m	103210	10.6 B	1	53.30
length: 1.50 m	103215	14.4 B	1	73.00
length: 2.00 m	103220	18.3 B	1	90.90
length: 2.50 m	103225	22.2 B	1	111.60
length: 3.00 m	103230	26.1 B	1	135.00

**Step stool set with system planks and railings**

railing height approx. 1.00 m  
consisting of:

- 2 x step stool (part-no. 71500)
- 4 x step railings incl. fastening set (part-no. 71500SGE)
- 2 x system planks (1.0 m part-no. 103210; 1.5 m part-no. 103215; 2.0 m part-no. 103220; 2.5 m part-no. 103225; 3.0 m part-no. 103230)
- 2 x lengthwise railing incl. fastening set (1.0 m part-no. 71500LGE10; 1.5m part-no. 71500LGE15; 2.0m part-no. 71500LGE20; 2.5 m part-no. 71500LGE25; 3.0 m part-no. 71500LGE30)

	Part-No.	Kg	Unit	Euro
with system plank 1.00 m	71500-10-SET	92.7 A	1	625.00
with system plank 1.50 m	71500-15-SET	103.2 B	1	687.00
with system plank 2.00 m	71500-20-SET	113.3 B	1	695.00
with system plank 2.50 m	71500-25-SET	122.7 C	1	755.00
with system plank 3.00 m	71500-30-SET	132.1 C	1	810.00





**Platform ladder**

suitable for work at height that requires frequent changes of workplace. Construction made of aluminium square tube, equipped with 4 castors, mobile, with railing and foot and knee rail for optimum protection when walking on the step, the anti-slip ribbing ensures a safe stand.

	Part-No.	Kg	Unit	Euro
2 steps, height: 542 mm	72520	21.2 <sup>A</sup>	1	495.00
3 steps, height: 862 mm	72530	23.7 <sup>A</sup>	1	550.00
4 steps, height: 1140 mm	72540	26.7 <sup>A</sup>	1	600.00
5 steps, height: 1416 mm	72550	29.6 <sup>A</sup>	1	670.00
6 steps, height: 1692 mm	72560	3.35 <sup>B</sup>	1	735.00



**Builder's trestle „Combi“**

laterally and vertically telescoping steel tube construction with supporting crossbar of 50 mm x 50 mm square tube, side steplessly extensible in 2 steps between 1.50 m – 4.20 m, height adjustable in 4 steps in the working range from 0.55 m – 0.90 m, hole pitch approx. 10 cm, setting secured by captive pin, painted

	Part-No.	Kg	Unit	Euro
width: 1.50 - 4.20 m height: 0.55 - 0.90 m	10140	25.5 <sup>B</sup>	5	109.80



**Builder's trestle „Combi N“**

rigid steel tube construction with supporting crossbar of 40 mm x 40 mm square tube, height adjustable in 4 steps in the working range from 0.55 m – 0.90 m, hole pitch approx. 10 cm, setting secured by captive pin, width of the supporting crossbar: 1.10 m, painted

	Part-No.	Kg	Unit	Euro
width: 1.10 m height: 0.55 - 0.90 m	10141	11.0 <sup>B</sup>	5	52.80



**Builder's steps**

made of steel tube (Ø 26.9 mm), with steps of sturdy, anti-slip screen printed plate with weatherproof coating, step depth: 25 cm, the whole stepladder can be collapsed and needs very little space for storage or transport, the surfaces of the steel construction which contact the floor are protected by a rubber foot so that the stepladder can also be used in residential spaces. For universal use and easy to handle

	Part-No.	Kg	Unit	Euro
<b>painted, 2 steps:</b>				
width: 1.00 m, height: 0.70 m	10150	13.5 <sup>B</sup>	10	78.80
width: 0.60 m, height: 0.70 m	10151	10.5 <sup>B</sup>	10	73.00
<b>galvanized, 2 steps:</b>				
width: 1.00 m, height: 0.70 m	10150V	13.5 <sup>A</sup>	10	84.10
width: 0.60 m, height: 0.70 m	10151V	10.5 <sup>A</sup>	10	77.00
<b>painted, 3 steps:</b>				
width: 0.60 m, height: 1.20 m	10152	16.0 <sup>B</sup>	10	115.20
width: 1.00 m, height: 1.20 m	10154	20.0 <sup>B</sup>	10	123.30
<b>galvanized, 3 steps:</b>				
width: 0.60 m, height: 1.20 m	10152V	16.0 <sup>A</sup>	10	119.70
width: 1.00 m, height: 1.20 m	10154V	20.0 <sup>B</sup>	10	129.60



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site





### Aluminium pipe vertical ladder

vertical ladder for all-purpose use on building sites or factories, made of aluminium for easy handling, vertical tubes made of  $\varnothing 48$  mm round tube, steps made of anti-slip aluminium profile 20 mm, width of steps: 0.37 m, total width: 0.47 m

	Part-No.	Kg	Unit	Euro
total height of ladder: 2.25 m	70701	10.0 <sup>B</sup>	10	137.70
total height of ladder: 3.08 m	70702	14.0 <sup>C</sup>	10	158.10



### Aluminium ladder

ladder for various applications, made of aluminium for easy handling, vertical tubes made of T-profile, steps made of anti-slip aluminium profile approx. 40 mm deep, width of steps: 0.35 m, total width approx 0.40 m, with anti-slip rubber feet

	Part-No.	Kg	Unit	Euro
total height of ladder: 2.40 m	70703	9.0 <sup>C</sup>	10	129.20
total height of ladder: 3.00 m	70704	11.0 <sup>C</sup>	10	140.30



### Steel pipe vertical ladder

vertical ladder for all-purpose use on building sites or factories, sturdy steel construction, vertical tubes made of round tube  $\varnothing 48$  mm, steps made of square tube 20 mm x 20 mm, width of steps: 0.37 m, total width approx. 0.47 m galvanized

	Part-No.	Kg	Unit	Euro
total height of ladder: 2.25 m	70599	20.0 <sup>B</sup>	10	132.10
total height of ladder: 3.25 m	70600	30.0 <sup>C</sup>	10	166.10
total height of ladder: 4.25 m	70601	40.0 <sup>D</sup>	10	205.10
total height of ladder: 5.25 m	70602	49.0 <sup>D</sup>	10	253.10
total height of ladder: 6.25 m	70603	58.0 <sup>D</sup>	10	286.00



### Aluminium builders jack

for flexible treatment of various material in the factory or on building sites, made of aluminium for easy handling, with support plank of wood, foldable working height: 0.93 m, width: 0.64 m, support plank: 0.70 m x 0.10 m

	Part-No.	Kg	Unit	Euro
aluminium	10145	5.5 <sup>A</sup>	10	89.20





## Construction stairs

as a temporary traffic route for bridging individual storey levels or as access to an excavation pit or to overcome steep bushes. Entrance steps are beveled for safe stepping. The stairs are available in 6 different lengths or two widths, 700 mm / 1000 mm. The railings automatically adjust to the correct height to match the angle of the stairs. Due to the folding mechanism of the staircase, handling, transport and storage is simplified.

Manufactured according to DIN EN 12811 - CE marking

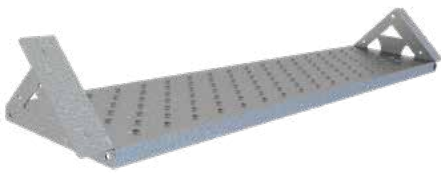
Finish: hot dip galvanized

Width 700 mm	Height	Part-No.	Kg	Unit	Euro
4 steps	510 - 835 mm	716004	48.0 <sup>B</sup>	1	540.00
7 steps	920 - 1505 mm	716007	72.0 <sup>B</sup>	1	800.00
10 steps	1320 - 2160 mm	716010	94.0 <sup>C</sup>	1	1035.00
13 steps	1725 - 2825 mm	716013	123.0 <sup>D</sup>	1	1180.00
16 steps	2130 - 3490 mm	716016	142.0 <sup>D</sup>	1	1350.00
19 steps	2535 - 4155 mm	716019	165.0 <sup>D</sup>	1	1630.00

Width 1000 mm	Height	Part-No.	Kg	Unit	Euro
16 steps	2130 - 3490 mm	719016	175.0 <sup>D</sup>	1	1690.00

## Construction stairs

construction stairs single step for fixing to wooden planks or squared timber, which can be set up to any length of construction site stairs, where construction pits or slopes or floors must be overcome. The tread area is 225 mm x 1000mm, each step can be screwed on or nailed on, in addition, railing posts part-no. 11277VG should be attached at a distance of approx. 2 m, which are screwed to the single steps with adapter attachments, part-no. 11277H.



	Part-No.	Kg	Unit	Euro
galvanized	706810	5.5 <sup>A</sup>	1	84.40

## Mounting for guardrail post

pipe socket for insertion of  $\varnothing 48.3$  mm railing posts, incl. fixing plate for screwing to side stair beams, fixing screws included in delivery

	Part-No.	Kg	Unit	Euro
galvanized	11277H	1.5 <sup>A</sup>	1	14.40

## Railing post

for insertion in the socket (part-no. 11277H) of the crank-operated or universal scaffolding jack, steel tube construction of  $\varnothing 48.3$  mm round tube with 2 welded hooks for mounting planks as fall arrester, the planks can be fixed in holes in the hooks, in which nails can be driven to fix the planks, the bottom hook is movable and holds skirting board for extra safety

Railing post height: 1.00 m

	Part-No.	Kg	Unit	Euro
galvanized	11277V	3.5 <sup>A</sup>	1	23.50



**i** Matching wooden plank dries and scaffold planks, see page 165



### Guard rail clamp with wing nut

as fall arrester when working at a height, the clamp is pressed to the ceiling by the wing nut and can be used on ceilings up to 40 cm thickness, for arresting fall, planks can be installed in the 3 hooks provided. The planks can be fixed in holes in the hooks, in which nails can be driven to fix the planks

	Part-No.	Kg	Unit	Euro
galvanized	111933	7.0 <sup>B</sup>	10	70.90



### Guard rail clamp with adjustment by wedge

as fall arrester when working at a height, the clamp is pressed to the ceiling by the wedge and can be used on ceilings up to 40 cm thickness, the wedge produces the required pressure and is fixed to the clamp by a chain so that it is captive, for arresting fall, planks can be installed in the 3 hooks provided, the planks can be fixed in holes in the hooks, in which nails can be driven to fix the planks

	Part-No.	Kg	Unit	Euro
painted	11193	6.0 <sup>A</sup>	10	46.60
galvanized	11194	6.5 <sup>A</sup>	10	51.20



### Guard rail clamp with crank

as fall arrester when working at a height, the clamp is pressed against the ceiling by wedge produces the required pressure and is fixed to the clamp by a threaded rod and a nut, suitable for ceilings up to 40 cm thickness, the mechanical parts are installed inside the guard rail clamp for protection and long life, the guard rail clamp can be fixed easily by crank at a comfortable level, for arresting fall, a plank can be installed in the hook provided, the plank can be fixed in a hole in the hooks, in which a nail can be driven to fix the plank

	Part-No.	Kg	Unit	Euro
painted	111932	7.0 <sup>A</sup>	10	45.80
galvanized	111932V	7.0 <sup>A</sup>	10	53.00



### Combination clamp

for fall protection when working at heights, the clamp is pressed onto the ceiling by means of a wing nut and can be used for ceilings up to 40 cm thick, for fall protection boards can be hooked into 3 openings provided for this purpose for fixing the boards for fixing there are holes in the openings, which are suitable for nailing the boards, the clamping area of the clamp can be rotated in relation to the board holder, so that slopes can also be clamped, e.g. when securing stairs

	Part-No.	Kg	Unit	Euro
galvanized	11190	13.5 <sup>A</sup>	10	66.90



### Filigree ceiling railing

for use as temporary fall protection at ceiling edges, especially for fixing to the reinforcements of filigree ceilings, with 3 welded-on brackets, for hanging boards, alternatively fixing device for hanging fall protection (part-no. 112961, p. 173), standpipe made of 35 x 35 mm square tube, set-up position can be manually adjusted to the space conditions, by turning the spindle the fixing grab is pulled upwards and fixed in place

	Part-No.	Kg	Unit	Euro
galvanized	112971	10.6 <sup>B</sup>	1	89.00



### Multi variable-safety clamp

as fall arrester when working at a height, the clamp can be mounted vertically on ceilings or horizontally on railings, mounting by thread and useful handle, rough adjustment by contour grips of movable wing for quick installation, insertion of railing posts after placing of clamps for a comfortable use, stable and safe steel construction

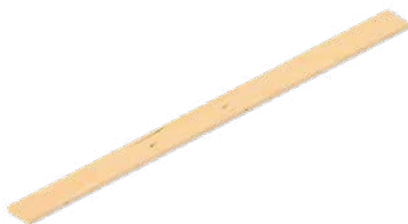
	Part-No.	Kg	Unit	Euro
galvanized	11191	6.3 <sup>A</sup>	10	65.00



### Multi variable-safety clamp

for insert in variable - safety clamp (part-no. 11191) made of round tube  $\varnothing$  33.7 mm, height: 1.00 m, 3 hooks for planks

	Part-No.	Kg	Unit	Euro
galvanized	11192	2.7 <sup>A</sup>	10	21.70



### Wooden plank dry

according to DIN 4074, dried, planed, round edges, rectangular capped to measure, thickness: 30 mm, width: 150 mm

	Part-No.	Kg	Unit	Euro
2500 mm	103125	6,0 <sup>A</sup>	50	12.00
3000 mm	103130	7,0 <sup>A</sup>	50	23.70
3500 mm	103135	8,5 <sup>A</sup>	50	27.70



### Fixing clamp - type Protection

made of square tube for fastening of raw construction grids on floor plates by means of clamps, suitable for ceiling thicknesses from 0 to 40 cm, conveniently clampable via wing nut with spindle, post height above ground 1.1 m, with movable upper bracket and angled floor bracket at the bottom, clamp can be dismantled for use as variant for plugging down (part-no. 112960P)

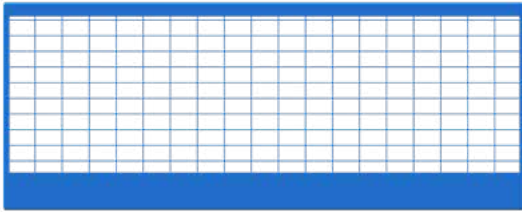
	Part-No.	Kg	Unit	Euro
galvanized	112960	8.5 <sup>A</sup>	10	75.40



### Post for plugging down - type Protection

post made of square tube for plugging down with 4 screw-plug connections (bores  $\varnothing$  14 mm) on base plate to accommodate raw construction grids, height 1.1 m, with movable upper support and angled bottom support

	Part-No.	Kg	Unit	Euro
galvanized	112960P	4.6 <sup>A</sup>	10	28.10



## Steel grid system - type Protection

steel grid, height 1.0m, length 2.5m, with blind mans strip in height 200mm, to be set up with post for plugging down (part-no. 112960P) or mounting clamp (part-no. 112960), blue coated

painted

Part-No.	Kg	Unit	Euro
112961	15.9 <sup>c</sup>	1	56.00



## Pallet for fall protection - type Protection

pallet for storage and transport of 25 pcs. steel grid and 25 pcs. fixing clamps for steel grids, sturdy steel construction made of square tube with storage possibilities for steel grids and separate compartment for fixing clamps, incl. fork-lift lugs for safe moving of the pallet, tulip feet for space-saving storage in height, suitable for fork-lift and crane

outer dimensions approx.: 2.67 x 1.20 x 1.21 m

filling dimensions 2.55 x 0.57 x 0.63 m

galvanized

Part-No.	Kg	Unit	Euro
112961-5	163.0 <sup>c</sup>	1	985.00



## Fall protection SET type Protection

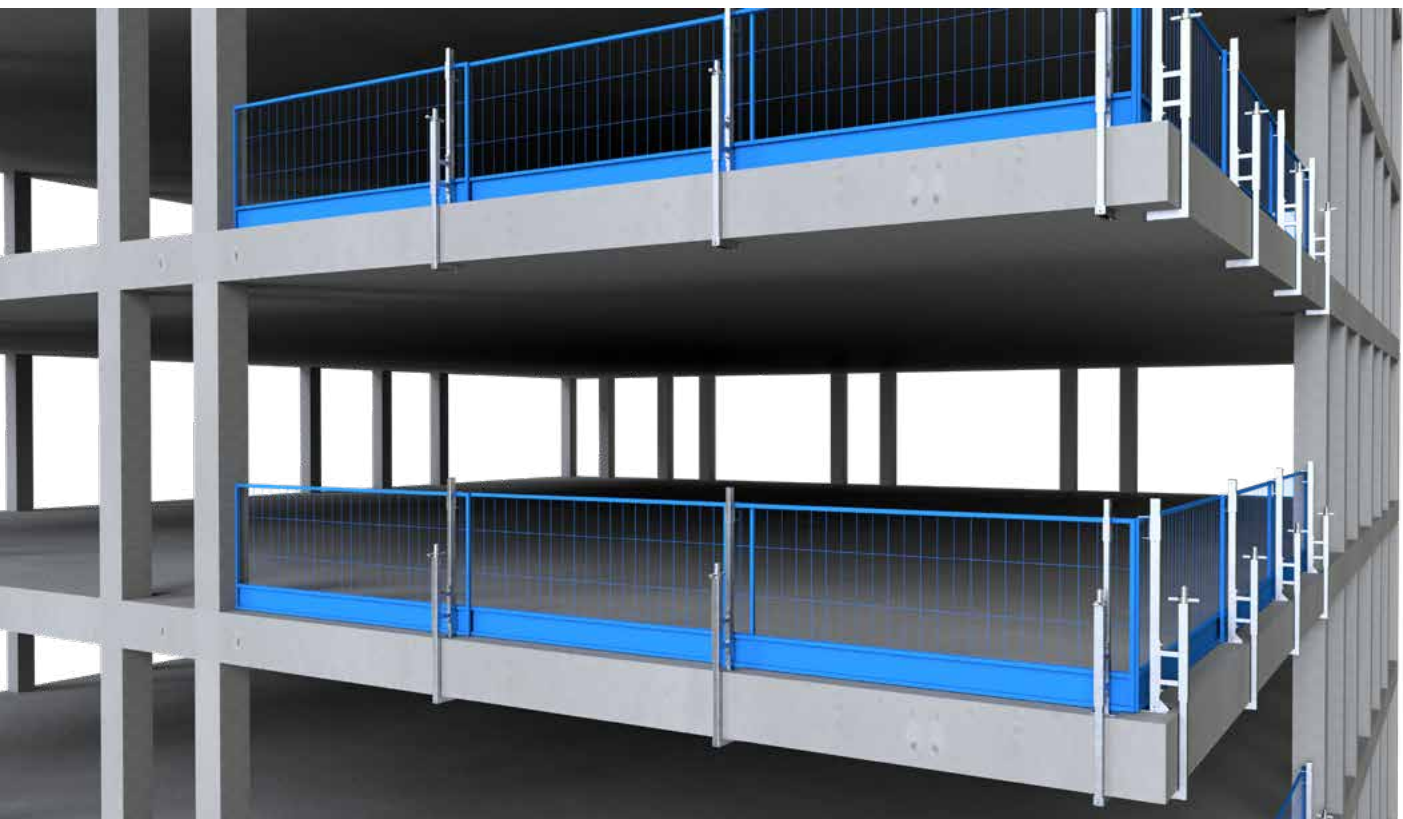
consisting of:

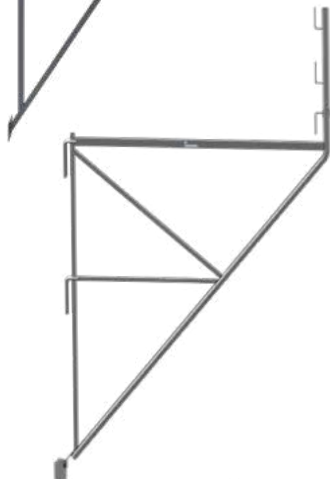
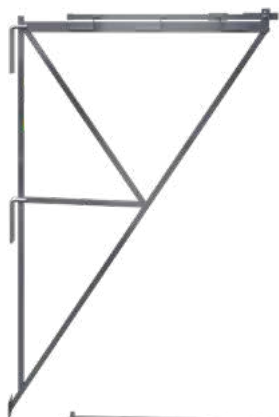
1 x pallet for fall protection type Protection (part-no. 112961-5)

25 x fixing clamp type Protection (part-no. 112960)

25 x steel grid system type Protection (part-no. 112961)

Part-No.	Kg	Unit	Euro
112961-SET	888.0 <sup>c</sup>	1	4105.00





## Bracket scaffolding

type 150 acc. to DIN 4420

galvanized

Part-No.	Kg	Unit	Euro
11290	26.0 <sup>c</sup>	1	167.00



The carpenter's bracket scaffold can be used as scaffold group 2 according to DIN 4420. Use only as described in the supplied setup and application instructions.

## Corner bracket scaffolding

type 150 acc. to DIN 4420

galvanized

Part-No.	Kg	Unit	Euro
11291	40.0 <sup>c</sup>	1	186.00

## Top extension 1.00 m

for carpenter's bracket scaffold

galvanized

Part-No.	Kg	Unit	Euro
112901	4.5 <sup>A</sup>	1	32.40

galvanized, for corner bracked scaffolding

Part-No.	Kg	Unit	Euro
112911	5.0 <sup>A</sup>	1	32.60

## Loop

for suspending bracket scaffold, diameter 10 mm

acc. to DIN 4420

Part-No.	Kg	Unit	Euro
11298	1.1 <sup>A</sup>	25	3.55

## Suspension shoe

for scaffold groups 1 - 4, perm load 18 kN

galvanized

Part-No.	Kg	Unit	Euro
11299	2.0 <sup>A</sup>	1	23.10

## Suspension shoe

for building corners, with rear angel

galvanized

Part-No.	Kg	Unit	Euro
11300	2.5 <sup>A</sup>	1	34.80



## Bracket for concreting

concreting bracket for safe working on the upper edge of the wall as well as on the edge of the slab, with a maximum bracket spacing of 2.0 m and a deck width of 0.60 m, the scaffold may be used up to load class 2 (1.5 kN/m<sup>2</sup>). Ensures safe footing when pouring the concrete dangerous standing or walking on the concrete edge is eliminated easy and fix assembling fixing possible without anchors set in concrete concreting bracket to be combined with guard-railing post part-no. 11277VG incl. boards part-no. 103125 for fall protection

Height: 1.50 m  
 Width: 0.60 m  
 Material: steel  
 Finish: painted  
 Weight: 12 kg  
 GS TÜV proofed

**i** Can also be used with steel scaffold plank through U-iron receptacle

	Part-No.	Kg	Unit	Euro
painted	11295	12.3 <sup>B</sup>	25	63.00
galvanized	11295V	12.0 <sup>B</sup>	25	68.70



## Sleeve for concreting bracket

incl. lamella plug

	Part-No.	Kg	Unit	Euro
painted	11295-1	0.9 <sup>A</sup>	25	5.10





## Storage - transport

Stackable pallets  
Wheelbarrows  
Accessories for wheelbarrows  
Hand truck / Forklift basket  
Crane and loading fork  
Transport security

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site





Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

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Barrier free construction site



## Stackable pallet

for universal use for the storage of long goods, vertical tubes are made of  $\varnothing$  57 mm round tube, cross tubes of  $\varnothing$  48.3 mm round tube, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability, inside dimensions: 0.90 m x 0.70 m x 0.70 m

	Part-No.	Kg	Unit	Euro
painted	50100-0	19.0 <sup>B</sup>	5	100.80
galvanized	50102-0	20.0 <sup>B</sup>	5	131.40

**i** Stacking pallets also available with crane hooks



## Stackable pallet

for universal use for the storage of long goods, vertical tubes are made of  $\varnothing$  57 mm round tube, cross tubes of  $\varnothing$  48.3 mm round tube, with additional center welded cross tube, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability, inside dimensions: 1.30 m x 0.70 m x 0.70 m

	Part-No.	Kg	Unit	Euro
painted	50110-0	25.0 <sup>B</sup>	5	106.20
galvanized	50120-0	26.0 <sup>B</sup>	5	145.80



### Stackable pallet

for universal use for the storage of long goods, vertical and cross tubes are made of  $\varnothing$  48.3 mm round tube, with additional center welded cross tube, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability. Inside dimensions: 1.43 m x 0.87 m x 0.70 m

	Part-No.	Kg	Unit	Euro
painted	50150-0	26.0 <sup>B</sup>	9	115.20
galvanized	50160-0	27.0 <sup>B</sup>	9	146.70

**i** Stacking pallets also available with crane hooks



### Stackable pallet

for universal use for the storage of long goods, vertical and cross tubes are made of  $\varnothing$  48.3 mm round tube, with 2 additional center welded cross tubes, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability. Inside dimensions: 1.50 m x 0.87 m x 0.60 m

	Part-No.	Kg	Unit	Euro
painted	50200-0	27.0 <sup>B</sup>	9	124.20
galvanized	50210-0	28.0 <sup>B</sup>	9	153.90

**i** Stacking pallets also available with crane hooks



### Stackable pallet

for formwork panels, with robust stacking corners with hole for crane, uprights and cross tubes made of 50 x 50 mm square tube. Inside dimensions: 0.68 m x 0.52 m x 1.00 m

	Part-No.	Kg	Unit	Euro
painted	50140	25,0 <sup>B</sup>	5	128.00
galvanized	50140V	26,0 <sup>B</sup>	5	165.00



### Transport and storage pallet

large version, with 2 additional cross tubes, vertical and cross tubes are made of  $\varnothing$  48.3 mm round tube, can be moved by fork-lift truck and platform floor truck, the tulip shape of the feet gives the pallet stack stability. Inside dimensions: 1.00 m x 1.45 m x 1.06 m

	Part-No.	Kg	Unit	Euro
painted	50144	40.0 <sup>B</sup>	1	187.20
galvanized	50143	40.0 <sup>B</sup>	1	227.70



## Stackable pallet

for universal use for the storage of long goods, vertical and cross tubes are made of square tube 50 x 40 mm, with additional center welded offset cross tube, the pallet can carry load up to 1.0 t, can be moved by fork-lift, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability, vertical tubes can be taken out and placed in the holder  
 Inside dimensions: 1.20 m x 0.80 m x 0.70 m

	Part-No.	Kg	Unit	Euro
painted	50400-1-0	25.0 <sup>B</sup>	5	148.50
galvanized	50401-1-0	26.0 <sup>B</sup>	5	165.60



## Mesh box pallet

for universal use in storage, vertical tubes made of  $\varnothing$  57 mm round tube, cross tubes of  $\varnothing$  48.3 mm round tube, inside dimensions: 1.30 m x 0.70 m x 0.50 m, mesh box pallet can hold up to 1.5 t of load, suitable for transport by fork-lift, platform floor truck or crane, the shape of the feet adds stability to the mesh box pallet stack

	Part-No.	Kg	Unit	Euro
painted	50300-0	64.0 <sup>B</sup>	1	268.20
galvanized	50310-0	66.0 <sup>B</sup>	1	414.90

**i** Stacking pallets also available with crane hooks



## Mesh box pallet

for universal use in storage, vertical tubes and cross tubes of  $\varnothing$  48.3 mm round tube, inside dimensions: 1.43 m x 0.87 m x 0.50 m, mesh box pallet can hold up to 1.5 t of load, suitable for transport by fork-lift, platform floor truck or crane, the shape of the feet adds stability to the mesh box pallet stack

	Part-No.	Kg	Unit	Euro
painted	50320-0	67.0 <sup>B</sup>	1	278.10
galvanized	50330-0	69.0 <sup>B</sup>	1	397.80

**i** Stacking pallets also available with crane hooks



## Mesh box pallet

for universal use in storage, vertical tubes and cross tubes of  $\varnothing$  48.3 mm round tube, inside dimensions: 1.50 m x 0.87 m x 0.50 m, mesh box pallet can hold up to 1.5 t of load, suitable for transport by fork-lift truck, platform floor truck or crane, the shape of the feet adds stability to the mesh box pallet stack

	Part-No.	Kg	Unit	Euro
painted	50340-0	69.0 <sup>B</sup>	1	281.70
galvanized	50350-0	71.0 <sup>B</sup>	1	394.20

**i** Stacking pallets also available with crane hooks



### Solid wall pallet

for universal use in storage, vertical and cross tubes made of  $\varnothing$  48.3 mm round tube, inside dimensions: 1.43 m x 0.87 m x 0.50 m, solid wall pallet can hold up to 1.5 t of load, suitable for transport by fork-lift truck, platform floor truck or crane, the shape of the feet adds stability to the stack, 4 pallets are possible in a stack

	Part-No.	Kg	Unit	Euro
painted	50321-0	67.0 <sup>B</sup>	1	397.80
galvanized	50322-0	69.0 <sup>B</sup>	1	481.50



### Swivel castor for stacking pallets

by simply inserting it into the tulip foot, the stacking pallet can be moved smoothly with 4 pcs. swivel castors. The nylon wheel has a diameter of  $\varnothing$  150mm and can take 6.0 KN each. The support diameter is 38 mm and is made of galvanized steel, ball bearing in the swivel head, incl. strong parking brake with comfortable-two-sided operation to lock and release.

	Part-No.	Kg	Unit	Euro
thread length: 300 mm	5R116-3	5.2 <sup>A</sup>	4	59.40
thread length: 400 mm	5R116-4	5.8 <sup>A</sup>	4	61.90
thread length: 500 mm	5R116-5	6.1 <sup>A</sup>	4	64.70
thread length: 600 mm	5R116-6	6.5 <sup>A</sup>	4	67.40



### Big-Bag rack

stable rack for hanging Big-Bags for filling, storage or drying, height-adjustable, removable bars with stacking corners for stacking several racks on top of each other, incl. bar storage compartment for space-saving empty transport outer dimensions: approx. 1.30 x 1.20 x 1.43 m

	Part-No.	Kg	Unit	Euro
galvanized	50371	98.0 <sup>B</sup>	1	433.00



### Big-Bags

90 x 90 x 110 cm bottom closed incl. apron cover, load capacity 1.250 kg, fabric thickness : 150 x 20 g/m<sup>2</sup>  
Material: UV stabilized polypropylene fabric coated  
incl. 4 lifting loops with 25cm length



	Part-No.	Kg	Unit	Euro
	5037-90	1.4 <sup>A</sup>	5	18.30



## Stacking pallets for storage and transport of DB flat pallets

stacking pallets for storage and transport of DB flat pallets, the stacking pallets can be filled with DB flat pallets 1.2 x 0.8 m and then stored in height to save space due to the stacking corners, can be handled by fork-lift or crane, sturdy steel construction made of square tube 60 x 60 mm, galvanized

variant for 4 DB flat pallets filling height 0.50 m

variant for 8 DB flat pallets filling height 1.16 m

Part-No.	Kg	Unit	Euro
50114-50	39.0 B	1	268.00
50114-116	53.0 B	1	331.00



## Stacking pallet

filling dimensions: 1.43 m x 0.87 m x 0.69 m

with robust stacking corners with hole for crane, can be driven under on all sides - solid construction optimum loading and unloading, standpipes and crossbars made of 60 x 60 mm square tube, 4-times stackable

Part-No.	Kg	Unit	Euro
50116	50.0 B	1	273.00



## Basket for storage

robust steel basket, can be attached to our stacking pallet 50116, the basket is connected to the face side of the stacking pallet without the need for tools, automatically arresting framed mesh

inner dimensions: length: 0.70 m, width: 0.78 m, height: 0.53 m

Part-No.	Kg	Unit	Euro
50116-2	33.5 B	1	213.00



## Stacking pallet

with robust stacking corners with hole for craning, standpipes and crossbars made of 60 x 60 mm square tube, to hold 36 tripod stands made of round or square tube, 4-times stackable

Part-No.	Kg	Unit	Euro
50116-5	70.5 B	1	377.00



## Stacking pallet

filling dimensions: 0.86 m x 0.70 m x 0.74 m

with robust stacking corners with hole for crane, solid construction optimum loading and unloading, standpipes and crossbars made of 60 x 60 mm square tubing, 4-times stackable

Part-No.	Kg	Unit	Euro
50116-70	40.0 B	1	221.00



### Stackable pallet

heavy design for construction sites, made of square tube 60 mm x 60 mm, with reinforced edges at cross bars, stackable, can be moved by crane and fork-lift, one side low for easy un and uploading, compatible with euro pallet. Inside dimensions: 1.08 m x 0.68 m x 0.54 m

	Part-No.	Kg	Unit	Euro
galvanized	50118-1	38.0 <sup>B</sup>	1	241.00



### Stackable pallet

heavy design for construction sites, made of square tube 60 mm x 60 mm, with reinforced edges at cross bars, stackable, can be moved by crane and fork-lift, one side low for easy un and uploading, compatible with euro pallet. Inside dimensions: 1.08 m x 0.68 m x 0.83 m

	Part-No.	Kg	Unit	Euro
galvanized	50118-2	44.0 <sup>B</sup>	1	270.00



### Mesh box pallet

heavy design for construction sites, made of square tube 60 mm x 60 mm, with reinforced edges at cross bars, stackable, can be moved by crane and fork-lift, with welded mesh incl. frame, one side low for easy un and uploading, robust wooden ground, compatible with euro pallet. Inside dimensions: 1.08 m x 0.68 m x 0.36 / 0.56 m

	Part-No.	Kg	Unit	Euro
galvanized	50118-3	60.0 <sup>B</sup>	1	444.00



### Solid wall pallet

for versatile everyday use in industry and trade, very sturdy design for high loads, dimensions: 1.00 m x 0.80 m, load: 1.5 t

	Part-No.	Kg	Unit	Euro
painted	50180	51.0 <sup>B</sup>	1	288.00
galvanized	50181	53.0 <sup>B</sup>	1	344.00





## Euro mesh boxes

the European four-way steel box pallets (DB box pallets, euro box pallets) are the perfect means of loading bulky, unpacked goods for transport goods. Due to its optimal stackability and stability, the euro box pallet has a high value in the warehousing of the manufacturing industry

### Basic information:

- dimensions: 800 mm x 1200 mm x 970 mm
- max. load: 1500 kg
- weight: approx. 70 - 85 kg
- loading volume: 0.75 m<sup>3</sup>
- according to: UIC-Norm 435-3; belongs to DIN 15155

	Part-No.	Kg	Unit	Euro
galvanized	50370	70.0 <sup>B</sup>	1	325.00



## Craneable mesh box

Euro mesh box suitable for crane and fork-lift operation with a robust galvanized steel floor, stackable up to max. 5 mesh boxes, load capacity max. 1500 kg, superimposed load max. 6000 kg, loading space 0.75m<sup>3</sup>, side part can be folded in half for easy loading and unloading  
dimensions: length 1200 mm, width 800 mm

	Part-No.	Kg	Unit	Euro
galvanized	50372	69.0 <sup>B</sup>	1	445.00



## Transport box

for storage and transport, robust steel construction made of square tube and mesh mat, incl. stacking corners for space-saving storage in height, as well as crane eyes, with half-foldable side part for easy removal

	Part-No.	Kg	Unit	Euro
galvanized	31995-5	78.0 <sup>B</sup>	1	416.00

## Euro-pallet

the european four-way-entry-pallet (euro-pallet) made of wood is one of the most important package items in economy. It is under the provisions of european palletpool and obligated for indications

### Basic information:

- dimensions: 800 mm x 1200 mm x 144 mm
- max. load: approx. 1500 kg
- weight: approx. 25 kg
- according to: UIC-norm 435-2, belongs to DIN 15146-2



	Part-No.	Kg	Unit	Euro
	50375	25.0 <sup>B</sup>	1	24.80

## Wooden attachment frame

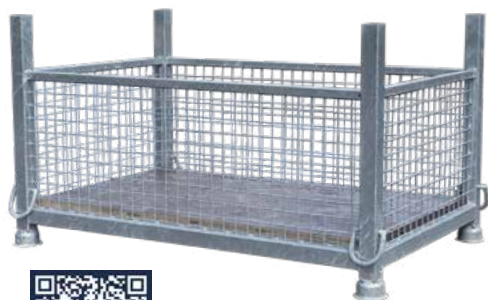
Dimensions: 1200 x 800 x 200 mm

	Part-No.	Kg	Unit	Euro
with steel corner fittings	50376-200	7.8 <sup>B</sup>	1	34.00



**i** Further dimensions available on request





### Mesh box pallet

very robust pallet made of square tube 60 x 60 mm, with welded mesh and wooden bottom plate for storing small components and accessories on-site, inner dimensions: 1.43 x 0.87 x 0.69 m, with very robust eyelets for crane transportation, can be handled from all sides for a flexible use on-site, can be combined with our transport pallet 50115, stackable



	Part-No.	Kg	Unit	Euro
galvanized	50215	90.0 <sup>B</sup>	1	535.00



### Transport box for base plates

mesh box, for storage and transport of all kinds of mobile fence feet. 4 sides and bottom of steel grating with Ø 4 mm wires. One long side removable for ease of loading and unloading the box. Loading: 5 base plates side by side, 7 feet stacked. The transport box is stackable and can be moved by fork-lift truck or crane. In addition to the main purpose, the transportation of base plates, the box can be used for storing all kinds of building material or tools. Inside dimensions: 1.43 m x 0.87 m x 0.94 m

	Part-No.	Kg	Unit	Euro
galvanized	3B231	96.0 <sup>B</sup>	1	595.00



### Stackable pallet of square tube 60 x 60 mm

stackable pallet specifically for storage and transport of formwork props. Inside dimensions: 1.43 m x 0.87 m x 0.69 m, welded, of square tube 60 mm x 60 mm, with particularly robust construction of the crane eyelets for transportation by crane. Fork-lift truck entry from all sides in the storage hall or on the building site

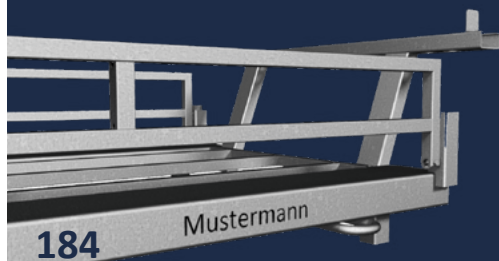
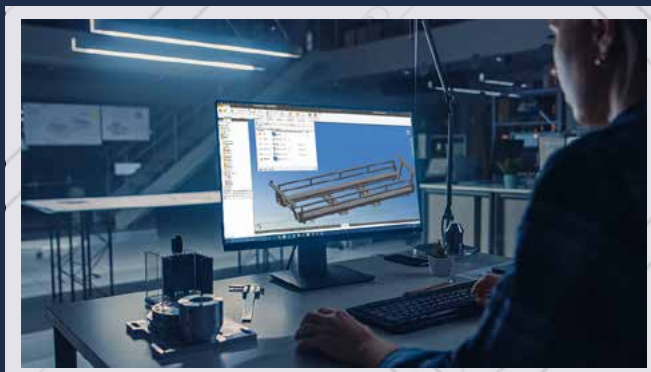
	Part-No.	Kg	Unit	Euro
galvanized	50115	52.0 <sup>B</sup>	1	279.00



i

## Your individual logo lasered into your storage-box or pallet!

A clear marking of your products is on one hand an important factor to avoid theft and confusion on the site, on the other hand it is a great option to use the area on your products as advertising area. Please ask for our options to individualize your product! Many things are possible and we would love to hear your ideas, how we can mark your product the best possible way for you!





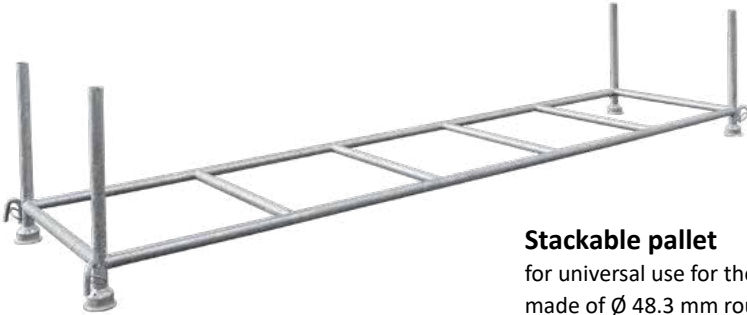
## Storage and transport pallet for traffic panels

vertical tubes made of 60 x 60 mm, cross tubes welded, can be moved by crane or fork-lift on 2 sides, frame can be combined with storage and base plate pallet part-no. 3B214-36.

Inside dimensions: 2.10 m x 1.00 m x 1.10 m

galvanized

Part-No.	Kg	Unit	Euro
3B214-2	57.0 <sup>B</sup>	1	340.00



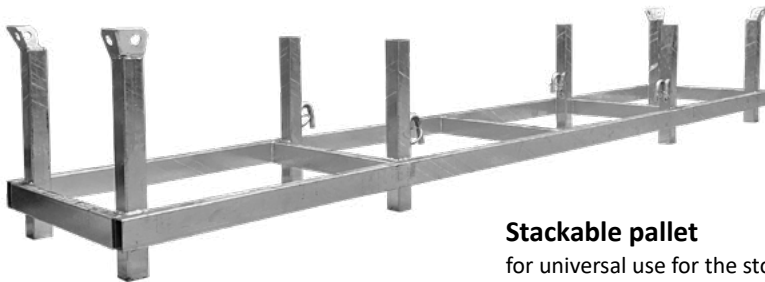
## Stackable pallet

for universal use for the storage of long goods, vertical and cross tubes are made of Ø 48.3 mm round tube.

Inside dimensions: 4.00 m x 0.87 m x 0.60 m, with 4 additional center welded cross tubes, the pallet can carry loads up to 1.5 t, can be moved by fork-lift truck, platform floor truck or crane, the tulip shape of the feet gives the pallet stack stability

galvanized

Part-No.	Kg	Unit	Euro
50200-40-0	55.0 <sup>D</sup>	1	312.00



## Stackable pallet

for universal use for the storage of long goods, can be moved by crane or fork lift, very heavy construction made of square tube, stackable.

Inner dimension: length: 3.80 m, width: 0.50 m, height: 0.40 m

Outer dimensions: length: approx. 4.00 m, width: 0.70 m, height: 0.56 m

galvanized

Part-No.	Kg	Unit	Euro
50212	94.0 <sup>D</sup>	1	765.00



## Transport container

for holding 1000 l bulk material, sturdy construction made of sheet steel with square tube reinforcements, one-sided front loading and unloading position with reduced height for easy handling, incl. stacking corners for space-saving storage at height, suitable for fork-lifts and cranes, universal application

painted  
 galvanized

Part-No.	Kg	Unit	Euro
50185	110.0 <sup>B</sup>	1	505.00
50185V	120.0 <sup>B</sup>	1	645.00



**Wheelbarrow type „Geselle“**

strong tubular frame made of  $\varnothing$  33.7 x 1.5 mm welded, for universal use on construction sites or in the garden, with integrated bent handlebar, ideal position of handles (incl. plastic handles) for safe transport although with high weight, adjustment of wheel in 3 ways, painted finish



**flat pan 85 l, sheet thickness: 1.00 mm**

mounted:	Part-No.	Kg	Unit	Euro
without pan support with inflatable tire	52100F	17.3 B	1	110.50
without pan support with PU wheel	52100FP	18.7 B	1	136.90



**deep pan 90 l, sheet thickness: 1.00 mm**

mounted:	Part-No.	Kg	Unit	Euro
without pan support with inflatable tire	52100T	18.2 B	1	117.00
without pan support with PU wheel	52100TP	19.6 B	1	143.40
with pan support with inflatable tire	52100TM	19.3 B	1	130.00
with pan support with PU wheel	52100TMP	20.8 B	1	156.30

**i Individual advertising space**

**Individual logo plate**  
Dimensions: 240 x 85 mm

Part-No.	Kg	Euro
SKS-Logo	0.1	3.20



**Individual embossing of pan**  
Dimensions: 330 x 100 mm

on request



## Wheelbarrow type „Polier“

strong tubular frame made of  $\varnothing$  33.7 x 1.5 mm welded, for universal use on construction sites or in the garden, with integrated bent handlebar, ideal position of handles (incl. plastic handles) for safe transport although with high weight, adjustment of wheel in 3 ways, painted finish

### flat pan 85 l with wire insert, sheet thickness: 1.25 mm

mounted	Part-No.	Kg	Unit	Euro
without pan support with inflatable tire	52200FD	20.7 <sup>B</sup>	1	123.50
without pan support with PU wheel	52200FDP	22.1 <sup>B</sup>	1	149.90

### deep pan 90 l with wire insert, sheet thickness: 1.25 mm

mounted	Part-No.	Kg	Unit	Euro
without pan support with inflatable tire	52200TD	21.4 <sup>B</sup>	1	130.00
without pan support with PU wheel	52200TDP	22.8 <sup>B</sup>	1	156.30
with pan support with inflatable tire	52200TDM	20.8 <sup>B</sup>	1	142.90
with pan support with PU wheel	52200TDMP	23.9 <sup>B</sup>	1	169.30



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Frame for wheelbarrow type „Geselle“**

strong tubular frame made of Ø 33.7 x 1.5 mm welded, for universal use on construction or in the garden, with integrated bent handlebar, ideal position of handles (incl. plastic handles) for safe transport although with high weight, with steel sheets for screwing on pan, adjustment of wheel in 3 ways, galvanized

Handles:



Part-No.	Kg	Euro
520G	0.2	2,70

Part-No.	Kg	Unit	Euro
521G	6.5 <sup>B</sup>	10	39.50



**Frame for wheelbarrow type „Polier“**

strong tubular frame made of Ø 33.7 x 1.5 mm welded, with integrated bent handlebar, for universal use on construction sites, ideal position of handles (incl. plastic handles) for safe transport although with high weight, with doubled bottom to save pan, adjustment of wheel in 3 ways, galvanized

Part-No.	Kg	Unit	Euro
522G	9.9 <sup>B</sup>	10	44.90



**Flat pan galvanized, 85l**

for frames part-no. 52101G and 52111G, by included mounting material pans will be screwed on frames

Part-No.	Kg	Unit	Euro
520F10	6.0 <sup>A</sup>	10	32.00
520F12	7.5 <sup>A</sup>	10	38.00
520F12D	7.8 <sup>B</sup>	10	42.00



**Deep pan galvanized, 90l**

for frames part-no. 52101G and 52111G by included mounting material pans will be screwed on frames

Part-No.	Kg	Unit	Euro
520T10	6.0 <sup>A</sup>	10	39.00
520T12	8.0 <sup>A</sup>	10	45.00
520T12D	8.3 <sup>B</sup>	10	49.30



**Pan support**

pan support Ø 32 mm, to be fixed by included mounting material with frame and pan, galvanized

Part-No.	Kg	Unit	Euro
520M	1.5 <sup>A</sup>	1	14.00



**Polyurethanewheel for wheelbarrow**

PU wheel 400/100 yellow on galvanized steel rim with bearings for all current wheelbarrow frames; axle Ø 17 mm incl.

Part-No.	Kg	Unit	Euro
520P	2.9 <sup>A</sup>	1	49.50

Complete axle:

incl. 2 nuts and 4 shims



Part-No.	Kg	Euro
520A	0.3 <sup>A</sup>	7.00



**Inflatable tire for wheelbarrow**

inflatable tire 400/100 black on galvanized steel rim with bearings for all current wheelbarrow frames; axle Ø 17 mm incl.

Part-No.	Kg	Unit	Euro
520R	2.3 <sup>A</sup>	1	24.00



### Tubular steel hand truck

based on a robust round tube frame made of  $\varnothing$  26.9 mm tube, with 2 ergonomic plastic handles with safety bar, 2-parts screwable, ideal for space-saving transport, bottom steel plate approx. 190 x 360 mm, outer dimensions approx. 57 x 123 x 40 cm, centrally slightly angled cross tubes provide for optimal positioning of the loads to be transported, with inflatable tire and bearing

steel, coated  
aluminium

Part-No.	Kg	Unit	Euro
519060	17.6 <sup>B</sup>	1	148.00
519070A	12.0 <sup>B</sup>	1	169.00



### Forklift basket

for lifting people with the fork-lift to work in elevated places solid steel construction non-slip working platform with tool tray  
dimensions: 1200 x 800 x 2000 mm

galvanized

Part-No.	Kg	Unit	Euro
50K40V	120.0 <sup>B</sup>	1	970.00



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



### Crane and loading fork 1500

	Part-No.	Kg	Unit	Euro
painted	50K15	150.0 <sup>B</sup>	1	925.00
galvanized	50K15V	150.0 <sup>B</sup>	1	1050.00

### Crane and loading fork 2000

	Part-No.	Kg	Unit	Euro
painted	50K20	200.0 <sup>B</sup>	1	1070.00
galvanized	50K20V	200.0 <sup>B</sup>	1	1245.00

### Lifting chain

**2 Strand 8 mm:** Load capacity at tilting angle: 0°- 45°: 2800 kg | 45°- 60°: 2000 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	52620H-8	7.5 <sup>A</sup>	1	102.40
4.00 m with shortening hook	5264VH-8	15.0 <sup>A</sup>	1	198.00
6.00 m with shortening hook	5266VH-8	21.0 <sup>A</sup>	1	245.00

**2 Strand 10 mm:** Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3150 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	52620H-10	12.0 <sup>A</sup>	1	131.50
4.00 m with shortening hook	5264VH-10	23.5 <sup>A</sup>	1	286.00
6.00 m with shortening hook	5266VH-10	32.5 <sup>A</sup>	1	378.00

**4 Strand 8 mm:** Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3000 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	54620H-8	15.0 <sup>A</sup>	1	198.00
4.00 m with shortening hook	5464VH-8	30.0 <sup>A</sup>	1	395.00
6.00 m with shortening hook	5466VH-8	42.0 <sup>A</sup>	1	485.00

**4 Strand 10 mm:** Load capacity at tilting angle: 0°- 45°: 6700 kg | 45°- 60°: 4750 kg

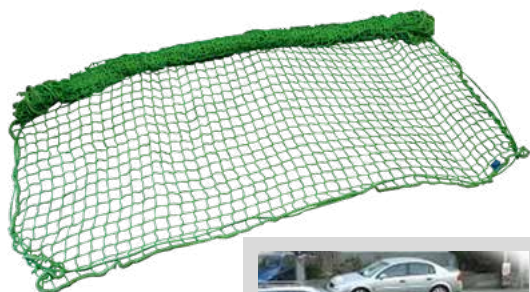
	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	54620H-10	32.0 <sup>A</sup>	1	258.00
4.00 m with shortening hook	5464VH-10	47.0 <sup>A</sup>	1	570.00
6.00 m with shortening hook	5466VH-10	64.0 <sup>A</sup>	1	695.00

### Industrial pulley block

a high-strength, painted steel housing with a low net weight and a 2-stage reduction gear ensures easy handling. Hardened gears and pinions running on roller bearings reduce friction losses are reduced and increase efficiency, with four precisely formed chain pockets, roller bearings for smooth running and low wear, the pulley block is equipped with a fully closed automatic load brake

	Part-No.	Kg	Unit	Euro
Pulley block with 250 kg load capacity	526250	7.0 <sup>A</sup>	1	225.00
Pulley block with 500 kg load capacity	526500	10.5 <sup>A</sup>	1	245.00





**i** Taking less than 1 unit on request

**Covering net**

made of polypropylene, no knots; mesh width: 45 mm, with rubber cord all around, rope Ø 3 mm, color: green. Particularly suitable for the safe transportation of small items, bulk material and bulky goods on platforms and cartrailers

**Dekra-certified**

Part-No.	Sizes	Kg	Unit	Euro
501522	1.50 x 2.20 m	0.83 <sup>A</sup>	28	13.20
502025	2.00 x 2.50 m	1.20 <sup>A</sup>	20	18.80
502030	2.00 x 3.00 m	0.95 <sup>A</sup>	10	24.10
502035	2.00 x 3.50 m	1.63 <sup>A</sup>	20	34.70
502535	2.50 x 3.50 m	1.45 <sup>A</sup>	16	33.10
502540	2.50 x 4.00 m	2.35 <sup>A</sup>	8	34.80
503035	3.00 x 3.50 m	1.70 <sup>A</sup>	15	34.80
503040	3.00 x 4.00 m	1.90 <sup>A</sup>	12	42.20

**without rubber cord**

Part-No.	Sizes	Kg	Unit	Euro
503050	3.00 x 5.00 m	2.40 <sup>A</sup>	10	40.80
503060	3.00 x 6.00 m	2.90 <sup>A</sup>	5	48.90
503070	3.00 x 7.00 m	3.40 <sup>A</sup>	5	59.20
503080	3.00 x 8.00 m	3.85 <sup>A</sup>	8	67.80
503550	3.50 x 5.00 m	2.82 <sup>A</sup>	10	50.10
503570	3.50 x 7.00 m	3.95 <sup>A</sup>	5	70.30



**Aluminum transport box**

aluminum box for safe storage and transport of tools, equipment and materials, robust construction with lockable gas-pressure spring-supported lid, as well as universal fastening possibilities, outer dimensions: approx. 1.55m x 0.5m x 0.65 m



Part-No.	Kg	Unit	Euro
53600	37.0 <sup>B</sup>	1	1000.00



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Lashing strap, one-piece, with clamping lock**

of polyester acc. to DIN EN 121965-2

Part-No.	Belt width	Traction/daN	Length	Kg	Unit	Euro
50251-4K	25.00 mm	200 / 400	4.00 m	0.19 A	25	2.75
50251-6K	25.00 mm	200 / 400	6.00 m	0.26 A	25	3.20
50251-8K	25.00 mm	200 / 400	8.00 m	0.33 A	25	3.75



**Lashing strap, one-piece, with ratchet**

of polyester acc. to DIN EN 121965-2

Part-No.	Belt width	Traction/daN	Length	Kg	Unit	Euro
50251-4	25.00 mm	250 / 500	4.00 m	0.30 A	25	2.55
50251-5	25.00 mm	250 / 500	5.00 m	0.32 A	25	2.80
50251-6	25.00 mm	250 / 500	6.00 m	0.35 A	25	3.05
50251-4P	25.00 mm	400 / 800	4.00 m	0.30 A	50	2.80
50251-6P	25.00 mm	400 / 800	6.00 m	0.35 A	50	3.45
50251-8P	25.00 mm	400 / 800	8.00 m	0.40 A	50	3.60
50251-4PP	25.00 mm	500 / 1000	4.00 m	0.32 A	25	3.20
50251-6PP	25.00 mm	500 / 1000	6.00 m	0.38 A	25	3.45
50251-8PP	25.00 mm	500 / 1000	8.00 m	0.44 A	25	3.95
50351-4	35.00 mm	1000 / 2000	4.00 m	0.68 A	10	5.80
50351-6	35.00 mm	1000 / 2000	6.00 m	0.80 A	10	7.05
50351-8	35.00 mm	1000 / 2000	8.00 m	0.92 A	10	7.30
50501-6	50.00 mm	2000 / 4000	6.00 m	1.60 A	10	11.80
50501-8	50.00 mm	2000 / 4000	8.00 m	1.81 A	10	13.70
50501-6P	50.00 mm	2500 / 5000	6.00 m	1.81 A	10	11.60
50501-8P	50.00 mm	2500 / 5000	8.00 m	2.05 A	10	14.50
50751-8	50.00 mm	5000 / 10000	8.00 m	5.91 A	5	44.40



**i** Taking less than 1 unit on request



## Lashing strap, 2-part, with ratchet

of polyester acc. to DIN EN 121965-2; Ergo = long-handle ratchet

Part-No.	Belt width	Traction/daN	Length	Kg	Unit	Euro
50252-4	25.00 mm	250 / 500	4.00 m	0.41 A	25	3.15
50252-5	25.00 mm	250 / 500	5.00 m	0.44 A	25	3.40
50252-6	25.00 mm	250 / 500	6.00 m	0.47 A	25	3.60
50252-4P1	25.00 mm	400 / 800	4.00 m	0.37 A	25	3.25
50252-6P1	25.00 mm	400 / 800	6.00 m	0.42 A	25	3.95
50252-8P1	25.00 mm	400 / 800	8.00 m	0.47 A	25	4.50
50252-4P2	25.00 mm	500 / 1000	4.00 m	0.46 A	25	4.05
50252-6P2	25.00 mm	500 / 1000	6.00 m	0.53 A	25	4.55
50252-8P2	25.00 mm	500 / 1000	8.00 m	0.59 A	25	4.90
50352-4	35.00 mm	1000 / 2000	4.00 m	0.96 A	10	7.35
50352-6	35.00 mm	1000 / 2000	6.00 m	1.08 A	10	8.40
50352-8	35.00 mm	1000 / 2000	8.00 m	1.20 A	10	9.25
50502-6	50.00 mm	2000 / 4000	6.00 m	2.19 A	10	13.20
50502-8	50.00 mm	2000 / 4000	8.00 m	2.40 A	10	14.40
50502-8ERGO	50.00 mm	2000 / 4000	8.00 m	2.76 A	8	19.00
50502-10ERGO	50.00 mm	2000 / 4000	10.00 m	2.97 A	8	21.00
50502-6P	50.00 mm	2500 / 5000	6.00 m	2.33 A	5	14.20
50502-8P	50.00 mm	2500 / 5000	8.00 m	2.60 A	5	16.00
50502-10P	50.00 mm	2500 / 5000	10.00 m	2.85 A	5	17.90
50502-8PERGO	50.00 mm	2500 / 5000	8.00 m	3.00 A	8	20.50
50502-10PERGO	50.00 mm	2500 / 5000	10.00 m	3.90 A	8	22.60
50752-8	75.00 mm	5000 / 10000	8.00 m	6.75 A	5	57.40

**i** Taking less than 1 unit on request

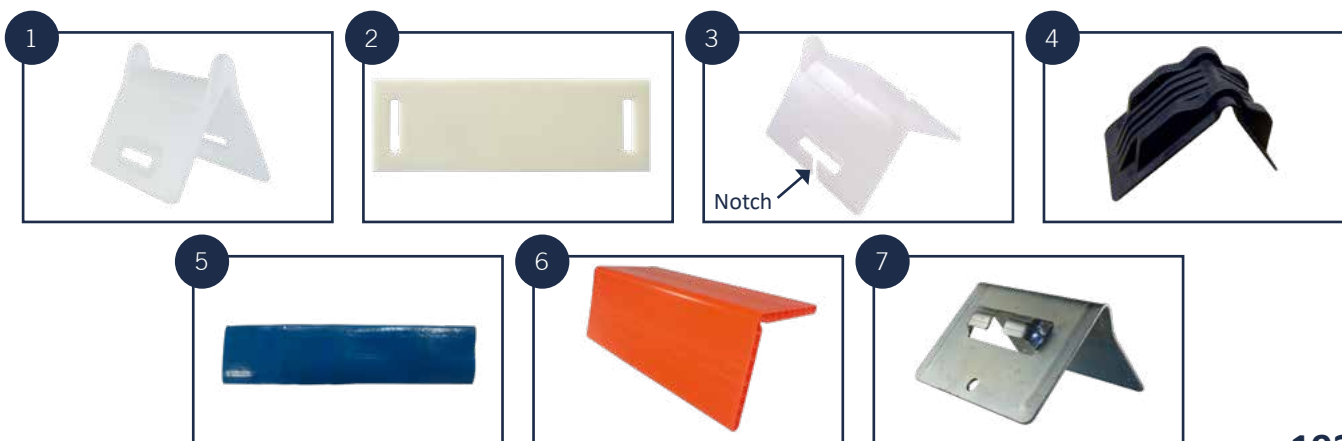
## Edge protection

protects from sharp edges and abrading surfaces

Model	Part-No.	Material	For belt width	Angle	Total width	Leg length	Kg	Unit	Euro
1	50KS01	PE	50.00 mm	90°	135 mm	90 mm	0.08 A	320	1.15
2	50KS02	PU	50.00 mm	flexible	100 mm	140mm	0.14 A	200	2.50
3	50KS03	PE	50.00 mm	90°	135 mm	90 mm	0.07 A	320	1.15
4	50KS05	PE	75.00 mm	100°	145 mm	179 x 131.5 mm	0.23 A	300	2.70
5	50KS07	PVC	50.00 mm	tube	75 mm	250 mm	0.84 A	360	1.15
6	50KS10	HDPE	all types	90°	1000 mm	190 mm	2.15 A	70	22.40
7	50KS04	metal	65.00 mm	84°	125 mm	85 x 70 mm	0.34 A	300	2.35



**i** Taking less than 1 unit on request



Traffic safety



**Anti-slip mats**

reduces slipping of cargo on load platforms and at other places. A good anti-slip mat can provide up to 60% of safety of the loaded cargo.

- Made of highly compressed recycled material
- Secures the load due to a high dynamic friction coefficient > 0.6
- Temperature range -40°C to +115°C

Infrastructure building

Part-No.	Variation	Sizes	Thickness	Kg	Unit	Euro
50KS08	roll	5 m / width: 250 mm	8.00 mm	8.20 A	1	23.70
50KS09	piece	200 x 100 mm	8.00 mm	0.13 A	168	0.90

Mobile fence



**i** Taking less than 1 unit on request

**Endless sling with double sheath**

made of heavy-duty fabric – acc. to DIN 1492-2 safety factor: 7:1, material 100 % polyester, easy to handle, light-weight and insensitive to heat, cold and moisture; temperature range: -40°C to +100°C. For safe lifting of loads

Formwork



Part-No.	Belt width	Lifting force	Circumference	Usable-length	Kg	Unit	Euro
50001-12	37.00 mm	1000 kg	2.00 m	1.0 m	0.30 A	50	3.25
50001-1,5/3	37.00 mm	1000 kg	3.00 m	1.5 m	0.39 A	25	4.40
50001-24	37.00 mm	1000 kg	4.00 m	2.0 m	0.60 A	25	5.80
50001-2,5/5	37.00 mm	1000 kg	5.00 m	2.5 m	0.63 A	10	7.10
50001-36	37.00 mm	1000 kg	6.00 m	3.0 m	0.85 A	10	8.05
50001-48	37.00 mm	1000 kg	8.00 m	4.0 m	1.00 A	10	10.20
50002-12	37.00 mm	2000 kg	2.00 m	1.0 m	0.45 A	50	4.45
50002-1,5/3	37.00 mm	2000 kg	3.00 m	1.5 m	0.70 A	25	6.15
50002-24	37.00 mm	2000 kg	4.00 m	2.0 m	0.88 A	25	8.40
50002-2,5/5	37.00 mm	2000 kg	5.00 m	2.5 m	1.16 A	10	10.20
50002-36	37.00 mm	2000 kg	6.00 m	3.0 m	1.30 A	10	11.50
50002-48	37.00 mm	2000 kg	8.00 m	4.0 m	1.84 A	10	15.60
50003-12	44.00 mm	3000 kg	2.00 m	1.0 m	0.63 A	25	6.00
50003-1,5/3	44.00 mm	3000 kg	3.00 m	1.5 m	0.92 A	25	9.10
50003-24	44.00 mm	3000 kg	4.00 m	2.0 m	1.24 A	25	11.20
50003-2,5/5	44.00 mm	3000 kg	5.00 m	2.5 m	1.63 A	10	14.60
50003-36	44.00 mm	3000 kg	6.00 m	3.0 m	1.53 A	10	17.60
50003-48	44.00 mm	3000 kg	8.00 m	4.0 m	2.60 A	10	21.20

Building support safety

	WLL 1,0 t
	WLL 2,0 t
	WLL 3,0 t
	WLL 4,0 t
	WLL 5,0 t
	WLL 6,0 t
	WLL 8,0 t
	WLL 10,0 t

Storage - transport

**i** Taking less than 1 unit on request



Building site installation

Color	One sling / one hoisting band					Two sling / two hoisting band			
	Direct	Strung	Applied around, wound around			Direct	Strung	Direct	Strung
	0°	0°	0°	bis 45°	45° - 60°	bis 45°		45° - 60°	
Violet									
Green	1.000	800	2.000	1.400	1.000	1.400	1.120	1.000	800
Yellow	2.000	1.600	4.000	2.800	2.000	2.800	2.240	2.000	1.600
Grey	3.000	2.400	6.000	4.200	3.000	4.200	3.360	3.000	2.400
Red	4.000	3.200	8.000	5.600	4.000	5.600	4.480	4.000	3.200
Brown	5.000	4.000	10.000	7.000	5.000	7.000	5.600	5.000	4.000
Blue	6.000	4.800	12.000	8.400	6.000	8.400	6.720	6.000	4.800
Orange	8.000	6.400	16.000	11.200	8.000	11.200	8.960	8.000	6.400
Orange	10.000	8.000	20.000	14.000	10.000	14.000	11.200	10.000	8.000

Barrier free construction site



## Lifting band

with reinforced eyes at the ends – acc. to DIN 1492-1 safety factor: 7:1, material 100 % polyester with special reinforcement – reduced elongation. Easy to handle, light weight and insensitive to heat, cold or moisture; temperature range: -40°C bis +100°C, for safe lifting of load

Part-No.	Belt width	Lifting force	Usable length	Kg	Unit	Euro
50301-1	30 mm	1000 kg	1.00 m	0.23 A	25	3.00
50301-2	30 mm	1000 kg	2.00 m	0.40 A	25	4.75
50301-3	30 mm	1000 kg	3.00 m	0.58 A	25	6.30
50301-4	30 mm	1000 kg	4.00 m	0.77 A	10	7.70
50301-5	30 mm	1000 kg	5.00 m	0.93 A	10	9.15
50301-6	30 mm	1000 kg	6.00 m	1.10 A	10	10.80
50301-8	30 mm	1000 kg	8.00 m	1.43 A	10	13.80
50602-1	60 mm	2000 kg	1.00 m	0.44 A	25	5.40
50602-2	60 mm	2000 kg	2.00 m	0.85 A	25	8.25
50602-3	60 mm	2000 kg	3.00 m	1.14 A	25	11.50
50602-4	60 mm	2000 kg	4.00 m	1.55 A	10	14.70
50602-5	60 mm	2000 kg	5.00 m	1.90 A	10	18.10
50602-6	60 mm	2000 kg	6.00 m	2.25 A	10	19.90
50602-8	60 mm	2000 kg	8.00 m	2.50 A	10	26.90
50903-1	90 mm	3000 kg	1.00 m	0.69 A	10	7.95
50903-2	90 mm	3000 kg	2.00 m	1.24 A	10	13.20
50903-3	90 mm	3000 kg	3.00 m	1.79 A	10	18.20
50903-4	90 mm	3000 kg	4.00 m	2.45 A	10	23.20
50903-5	90 mm	3000 kg	5.00 m	2.98 A	5	28.40
50903-6	90 mm	3000 kg	6.00 m	3.53 A	5	33.10
50903-8	90 mm	3000 kg	8.00 m	4.63 A	5	42.30

Schake GmbH  
Eckeseyer Str. 195  
D 58089 Hagen  
WLL 2000 KG  
Ser.Nr: 859127  
PES EN 1492-1/A1

CE GS  
Zert.No.:50227192  
PES EN 1492-1/A1

WLL (kg)  
**2000**  
SF: 7:1

1600 kg 4000 kg  
45° 60°  
2800 kg 2000 kg

Länge: Datum:  
2 m 08/2012

Art.Nr.:50602-2  
Ser.Nr: 859127

**Schake**  
Schake GmbH  
Eckeseyer Str. 195  
D 58089 Hagen

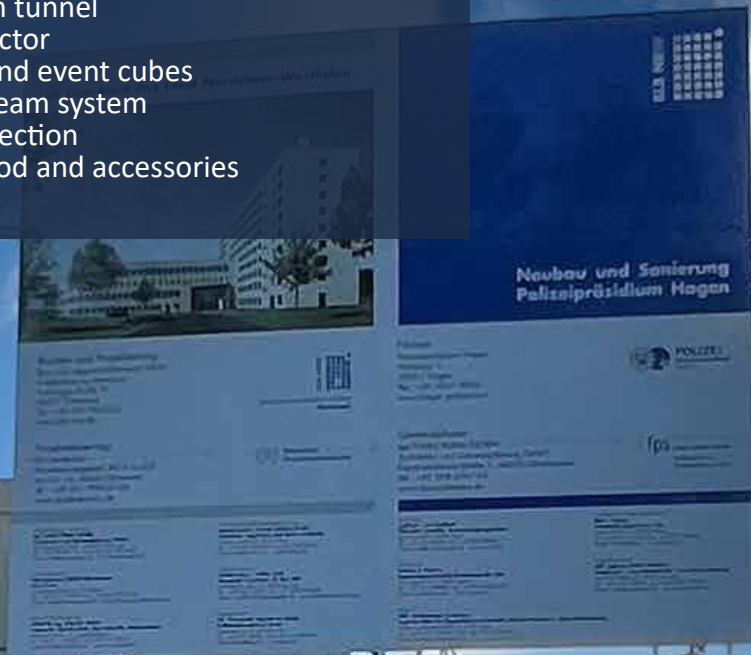
**i** Taking less than 1 unit on request



■	WLL 1,0 t
■	WLL 2,0 t
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■	WLL 5,0 t
■	WLL 6,0 t
■	WLL 8,0 t
■	WLL 10,0 t

## Building site installation

- Advertising board holder
- Posts and masts
- Plan stand
- Pedestrian tunnel
- Schake Vector
- Building and event cubes
- Column beam system
- Floor protection
- Earthing rod and accessories



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



## Set up device for advertising board 2.00 x 2.00 m

consisting of:

- 1 x set up frame (part-no. 35350)
- 2 x concrete set up device (part-no. 3F120)
- 1 x lattice tower (part-no. 353017)
- 2 x board holder
- 4 x rotary coupler (part-no. 3F120-5)



	Part-No.	Kg	Unit	Euro
board holder for 2.00 x 2.00 m	353320-SET	1526.0 <sup>s</sup>	1	3630.00

additionally with 1 x spotlight holder

1 x spotlight and 2 x rotary coupler	353320S1-SET	1541.0 <sup>s</sup>	1	4190.00
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## Set up device for advertising board 3.00 x 2.00 m

consisting of:

- 2 x set up frame (part-no. 35350)
- 4 x concrete set up device (part-no. 3F120)
- 2 x lattice tower (part-no. 353017)
- 2 x board holder
- 4 x rotary coupler (part-no. 3F120-5)

	Part-No.	Kg	Unit	Euro
Board holder for 3.00 x 2.00 m	353330-SET	3035.0 <sup>s</sup>	1	7140.00

additionally with 2 x spotlight holder,

2 x spotlight and 4 x rotary coupler	353330S1-SET	3054.0 <sup>s</sup>	1	8270.00
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## Set up device for advertising board 4.00 / 5.00 x 3.00 m

consisting of:

- 2 x set up frame (part-no. 35350)
- 4 x concrete set up device (part-no. 3F120)
- 2 x lattice tower (part-no. 353017)
- 4 x board holder
- 8 x rotary coupler (part-no. 3F120-5)

	Part-No.	Kg	Unit	Euro
Board holder for 4.00 x 3.00 m	353340-SET	4682.0 <sup>s</sup>	1	7710.00

additionally with 2 x spotlight holder,

2 x spotlight and 4 x rotary coupler	353340S1-SET	4702.0 <sup>s</sup>	1	8840.00
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Board holder for 5.00 x 3.00 m	353350-SET	4690.0 <sup>s</sup>	1	7760.00
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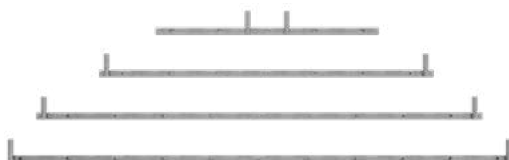
additionally with 2 x spotlight holder,

2 x spotlight and 4 x rotary coupler	353350S1-SET	4710.0 <sup>s</sup>	1	8890.00
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## Advertising board holder

of square tube 60 x 30 mm with two welded adapter tubes

48 mm for mounting on lattice tower (part-no. 353017)



	Part-No.	Kg	Unit	Euro
for 2.00 m advertising board	353320	9.6 <sup>B</sup>	1	48.00
for 3.00 m advertising board	353330	13.4 <sup>C</sup>	1	59.00
for 4.00 m advertising board	353340	17.2 <sup>D</sup>	1	71.20
for 5.00 m advertising board	353350	19.2 <sup>D</sup>	1	84.00

## Spotlight holder

of round tube, for mounting LED spotlight on lattice tower

	Part-No.	Kg	Unit	Euro
galvanized	3533H	4.2 <sup>A</sup>	1	79.00



More accessories such as swivel coupling, lattice tower and spotlights can be found on page 46 or page 198.

- Traffic safety
- Infrastructure building
- Mobile fence
- Formwork
- Building support safety
- Storage - transport
- Building site installation
- Barrier free construction site

Steel lamp post



**Lamp post**

with tilting support, for folding down, for a practical installation of spotlights on the tower, tower Ø 108 mm cranked on 76 mm, with plug openings in the lower and upper area of the tower for cable routing, tilt bracket can be screwed directly onto the threaded rods of the concrete set up device, the spotlight adaptation 3531T has to be attached to accommodate spotlights

	Part-No.	Kg	Unit	Euro
4.00 m, galvanized	353140	30.2 ▽	1	315.00
4.00 m, RAL9005	353140-RAL9005	30.2 ▽	1	375.00
5.00 m, galvanized	353150	35.2 ▽	1	335.00
5.00 m, RAL9005	353150-RAL9005	35.2 ▽	1	395.00
6.00 m, galvanized	353160	38.2 ▽	1	360.00
6.00 m, RAL9005	353160-RAL9005	38.2 ▽	1	422.00

**Spotlight adaptation**

adaptation for taking in single or double spotlights, galvanized steel construction for placing on the lamp post 353160, fixable with grub screws

	Part-No.	Kg	Unit	Euro
galvanized	3531T	9.1 ▲	1	162.00
RAL9005	3531T-RAL9005	9.1 ▲	1	175.00

**Spotlight**

professional LED-spotlight, light color 400 K, for outdoor use, with aluminium die-cast housing, safety flat glass and a coated steel bracket for alignment, total output: 74 / 101 W switchable, 230 V / 50 Hz, protection class: I, protection rating IP 67, including ready-to-connect cable with plug, length: 10m, for passage through the lamp tower 353160, mountable on the spotlight adaptation 3531T

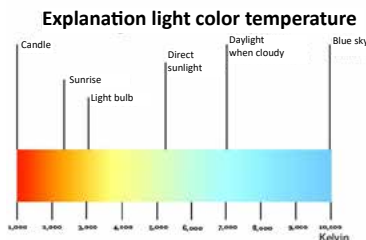
Power	74/101 W
Kelvin	4000 K.
Lifetime	70000 h
Luminaire luminous flux	9237 lm
LED rated luminous flux	11050 lm
Luminous color	cold white

	Part-No.	Kg	Unit	Euro
	3531S1	3.0 ▲	1	400.00

**Aluminium lamp post**

conical design, seamless tube made of aluminum extrusion alloy EN AW 6060 T66, 100 % recyclable, door with double sliding closure (triangular 10 mm) with door reinforcement profile, cable entry with protection ring, surface raw ground, optionally powder coated or anodized on request

Aluminium lamp post



Foot dimensions x wall thickness x spigot size  
200 x 3.3 x 76 mm

	Part-No.	Kg	Unit	Euro
length 8 m	353180A	45.2 ▽	1	1450.00
length 10 m	3531100A	54.7 ▽	1	1600.00

**Base mounting**

made of cast aluminum for light poles Ø 200 mm incl. 4 holes for mounting on adapter plate part-no. 35. Light post is fastened and fixed with two screws on the base mounting part-no. 3531615

	Part-No.	Kg	Unit	Euro
aluminium	3531102	15.4 ▲	1	595.00

**Adaption plate for aluminium post**

adaption of lamp posts, dimension 470 x 470 x 20 mm. M16 screws are used to connect the set up frame with the lamp post base mounting part-no. 3531615, part-no. 3531614

	Part-No.	Kg	Unit	Euro
galvanized	3531101	34.8 ▲	1	265.00





Traffic safety

Infrastructure building

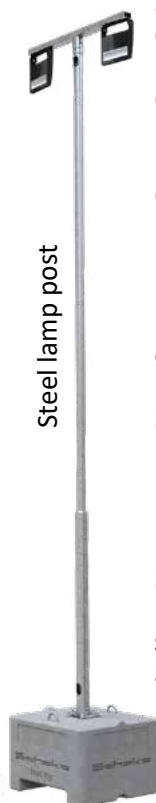
Mobile fence

The light weight of aluminum lamp posts offers advantages in manufacturing, transport, storage and installation. Aluminum has self-passivating properties.

Aluminium lamp post



Steel lamp post



## Lamp post SET made of steel

consisting of

- 1 x concrete set up device (part-no 3F120)
- 1 x lamp post, foldable
- 1 x spotlight adaption galvanised / RAL9005
- 2 x spotlight (part-no.3531S1)



Set Version with:	Part-No.	Kg	Unit	Euro
4.00 m pole height, galvanized 600 kg concrete set up device	353140-SET1	630.0 <sup>s</sup>	1	1680.00
4.00 m pole height, RAL9005 600 kg concrete set up device	353140-RAL9005-SET1	630.0 <sup>s</sup>	1	1760.00
5.00 m pole height, galvanized 600 kg concrete set up device	353150-SET1	635.0 <sup>s</sup>	1	1700.00
5.00 m pole height, RAL9005 600 kg concrete set up device	353150-RAL9005-SET1	635.0 <sup>s</sup>	1	1780.00
6.00 m pole height, galvanized 1000 kg concrete set up device	353160-SET2	1071.7 <sup>s</sup>	1	1820.00
6.00 m pole height, RAL9005 1000 kg concrete set up device	353160-RAL9005-SET2	1071.7 <sup>s</sup>	1	1890.00

## Lamp post SET made of aluminium

consisting of:

- 1 x set up frame (part-no 35350)
- 2 x concrete set up device (part-no. 3F121)
- 1 x lamp post made of aluminium
- 1 x adaption plate (part-no. (3531101)
- 1 x base mounting (part-no. 3531102)
- 1 x spotlight adaption (part-no. 3531T)
- 2 spotlight (part-no. 3531S1)



Set version with:	Part-No.	Kg	Unit	Euro
8 meter aluminium post	353180A-SET	2300.0 <sup>s</sup>	1	6060.00
10 meter aluminium post	3531100A-SET	2350.0 <sup>s</sup>	1	6210.00

Formwork

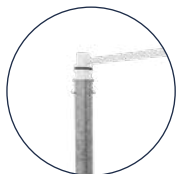
Building support safety

Storage - transport

Building site installation

Barrier free construction site





### Flag pole SET

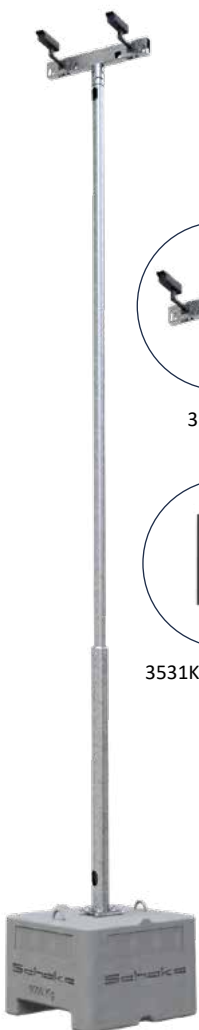
consisting of:  
 1 x concrete set up device (part-no. 3F121)  
 1 x steel pole 6.00 m, with tilt holder  
 1 x boom of plastic (part-no. 3531FA)

set version with:	Part-No.	Kg	Unit	Euro
steel pole, galvanized	3531F-SET	1040.0 <sup>s</sup>	1	1024.00
steel pole, RAL9005	3531F-RAL9005-SET	1040.0 <sup>s</sup>	1	1085.00

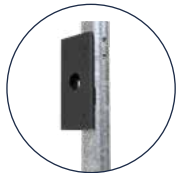
### Boom

	Part-No.	Kg	Unit	Euro
plastic	3531FA	1.0 <sup>A</sup>	1	142.00

**i** Flag is not included in the SET, our sales team will be happy to advise you on individual printing



3531KT



3531KH-RAL9005

### Camera pole SET 1

consisting of:  
 1 x concrete set up device (part-no. 3F121)  
 1 x steel pole 6.00 m, with tilt holder  
 1 x camera adaption

set version with:	Part-No.	Kg	Unit	Euro
steel pole, galvanized camera adaption, galvanized	3531K-SET1	1049.0 <sup>s</sup>	1	1060.00
steel pole, RAL9005 camera adaption, RAL9005	3531K-RAL9005-SET1	1049.0 <sup>s</sup>	1	1140.00

### Camera pole SET 2

1 x concrete set up device (part-no. 3F121)  
 1 x steel pole 6.00 m, with tilt holder  
 1 x camera adaption for round tube, RAL9005 (part-no. 3531KH-RAL9005)

set version with:	Part-No.	Kg	Unit	Euro
steel pole, galvanized	3531K-SET2	1042.0 <sup>s</sup>	1	1050.00
steel pole, RAL9005	3531K-RAL9005-SET2	1042.0 <sup>s</sup>	1	1110.00

**i** Camera is not included in the SET, our sales team advises you about the illumination / monitoring





**Plan stand**

mobile plan stand for dry and protected work with drawings, plans, tablet or laptop, galvanized steel construction with aluminum sheet cladding, with hinged rain protection flap incl. gas pressure spring for movement support, with base plates for optional floor mounting, outer dimensions approx. 1.8 x 0.95 m, height approx. 2.06 m, slightly inclined work surface for ergonomic working

Part-No.	Kg	Unit	Euro
53500	158.0 <sup>B</sup>	1	1105.00



**Plan stand „Elektro“**

- electricity supply via Schuko 230V surface-mounted plug, IP68 protected
- can be securely locked with optional padlock (also applies to standard plan stand)
- including 2 x bright 60 cm LED tubes (each of them with power 8.5 watts, brightness 850-950 lumen, light color neutral white 4000K) for working under bad lighting conditions
- incl. 4 x sockets with high protection class IP65 (dust and water jet protected) for connecting further electronic devices
- equipped with residual current circuit breaker for safety against electric shock, circuit breaker (rated current 16A, fault current 30mA)



Part-No.	Kg	Unit	Euro
53500EL	170.0 <sup>B</sup>	1	1350.00

with LED lights and power sockets



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Pedestrian tunnel element**

consisting of:

- 2 x frame for pedestrian tunnel (part-no. 112500)
- 4 x connecting strut for frame element (part-no. 112501)
- 1 x cross connector for frame element (part-no. 112502)
- 4 x swivel base jack (part-no. 70670N)
- 1 x wooden mobile fence 2.50m x 2.00m (part-no. 3B165)
- 1 x wooden mobile fence 1.00m x 2.00m (part-no. 3B165-10)
- 2 x transition element (part-no. 112503)
- 4 x wooden decking (part-no. 2051100)



Part-No.	Kg	Unit	Euro
112500-SET	365.0	1	1600.00



**Pedestrian tunnel corner element type I**

consisting of:

- 1 x frame for pedestrian tunnel (part-no. 112500)
- 1 x corner frame for pedestrian tunnel (part-no. 112500E)
- 4 x connecting strut for corner frame element (part-no. 112501E)
- 4 x swivel base jack (part-no. 70670N)
- 1 x wooden mobile fence 2.50m x 2.00m (part-no. 3B165)
- 1 x corner element 0.50m x 1.00m (part-no. 3B165E-10)
- 1 x cross connector for corner frame element (part-no. 112502E)
- 2 x transition element (part-no. 112503)
- 4 x corner wooden decking (part-no. 2051100E)

Part-No.	Kg	Unit	Euro
112500I-SET	330.0	1	1450.00



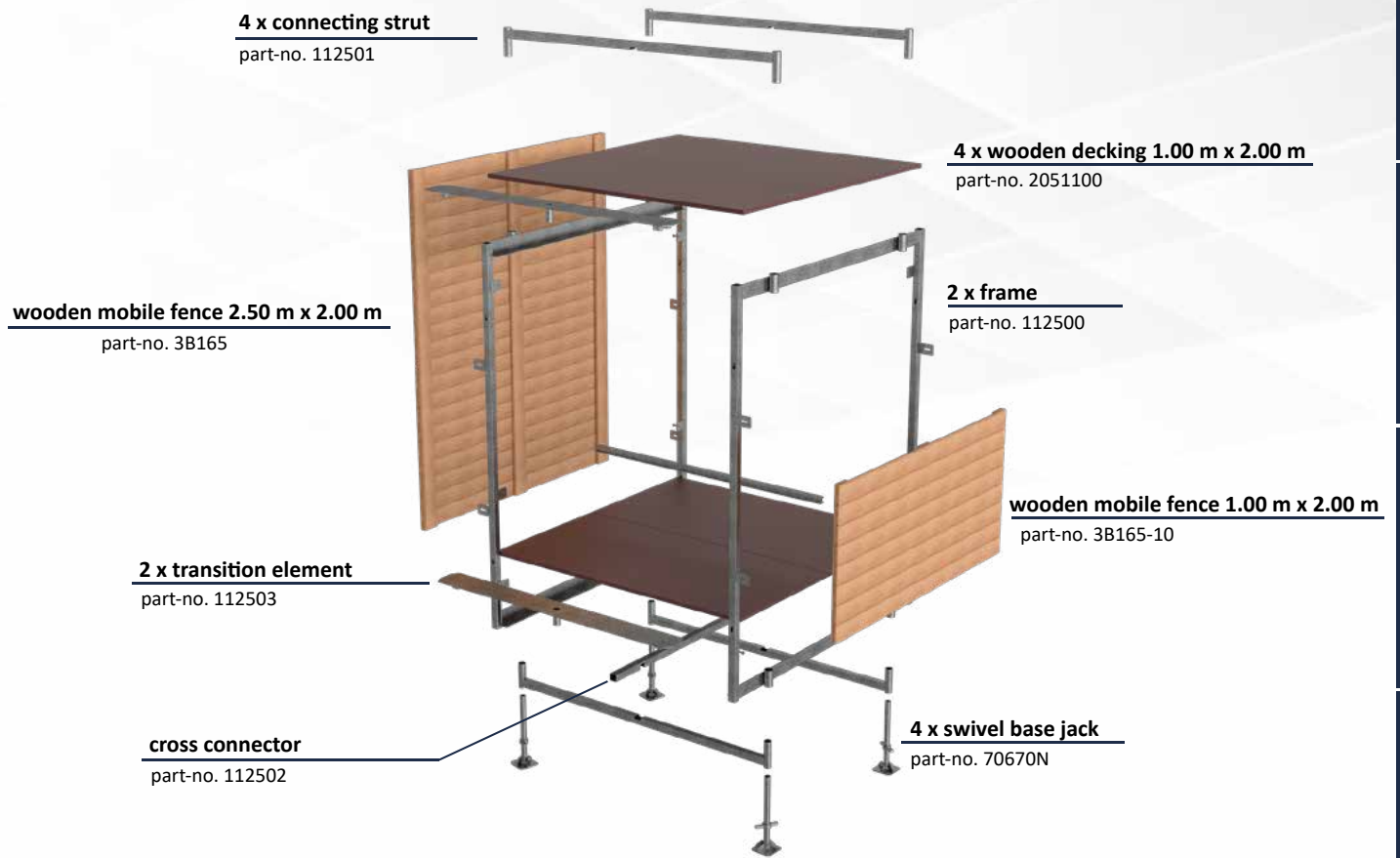
**Pedestrian tunnel corner element type A**

consisting of:

- 1 x frame for pedestrian tunnel (part-no. 112500)
- 1 x corner frame for pedestrian tunnel (part-no. 112500E)
- 4 x connecting strut for corner frame element (part-no. 112501E)
- 4 x swivel base jack (part-no. 70670N)
- 1 x wooden mobile fence 1.00m x 2.00m (part-no. 3B165-10)
- 1 x corner element 0.50m x 2.50m (part-no. 3B165E)
- 1 x cross connector for corner frame element (part-no. 112502E)
- 2 x transition element (part-no. 112503)
- 4 x corner wooden decking (part-no. 2051100E)

Part-No.	Kg	Unit	Euro
112500A-SET	305.0	1	1420.00

# Pedestrian tunnel



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

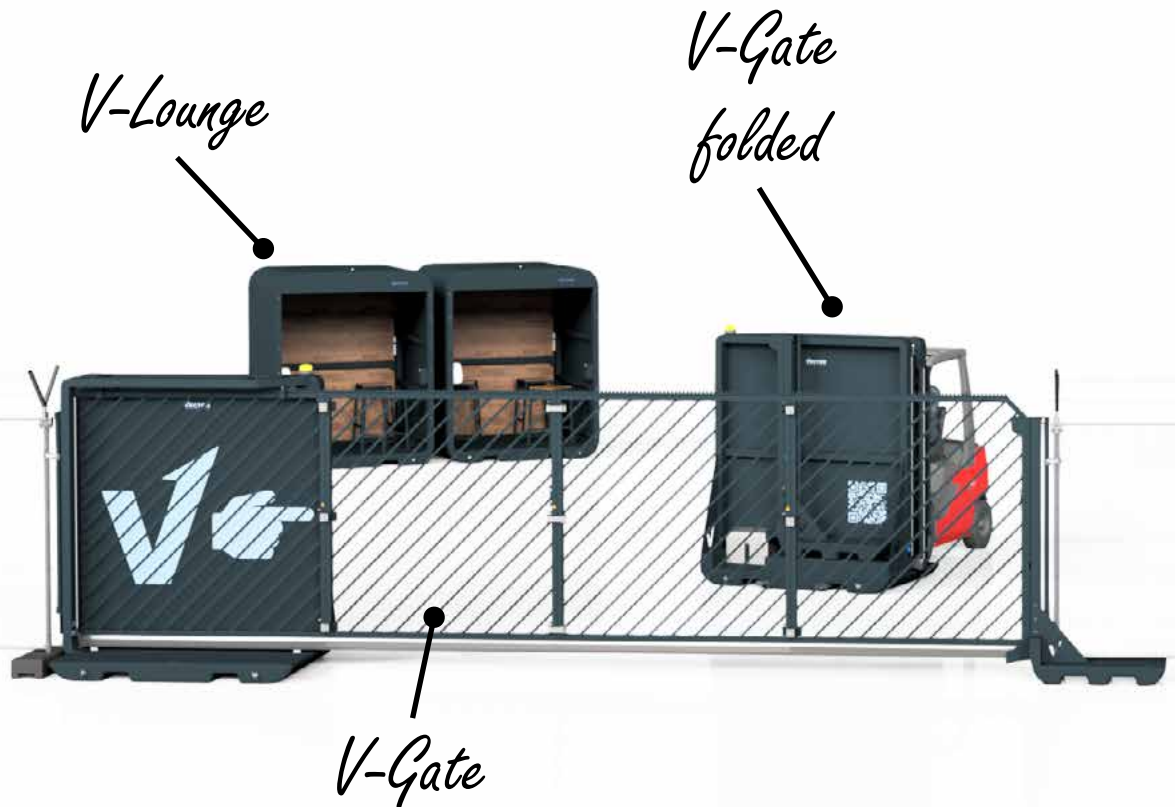
Building site installation

Barrier free construction site

The innovative platform series from Schake-Vector focuses on mobile Plug & Play solutions for construction sites and events. The individual superstructures can be configured and individualised according to your wishes and requirements to create the perfect complete solution for your project.

### Are you interested?

Further information at [www.schake-vector.com](http://www.schake-vector.com)



## Building and event protection on page 116-117

V-Turnstile



V-Gate



V-Turnstile-Guard



V-Door



**Advantages of the V-Platform**

- Levelling feet adjustable from above
- Removable eyebolts for crane
- Anti-slip surface
- Forklift pockets for transport
- Integrated spirit level
- Many mounting possibilities
- Can be used mobile or as a foundation



*V-Office*

*V-Door*



*V-Turnstile*

*V-Ramp*



*V-Space*

**Building and event cubes on page 206-207**

**V-Guard**

**V-Space**

**V-Lounge**

**V-Office**



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



VPTU21SLO0109

**V-Guard**

the V-Guard is a mobile protective tunnel that guides the flow of people and protects them from falling objects. Mobile application as well as stationary. The dimensions are 2.00 x 2.00 x 2.41m with a weight of 1450 kg. Optionally with LED panel, controlled by a motion detector.

galvanized	Part-No.	Kg	Unit	Euro
LED	VPTU21VLO0108	1450.0 <small>s</small>	1	10643.00
without LED	VPTU21VOO0069	1450.0 <small>s</small>	1	10462.50

galvanized + black matt powder coated	Part-No.	Kg	Unit	Euro
LED	VPTU21SLO0109	1450.0 <small>s</small>	1	11177.00
without LED	VPTU21SOO0068	1450.0 <small>s</small>	1	11009.00



VPPL21SOO0077

**V-Space**

the V-Space is a mobile plan house that is ideal for use on construction sites and event areas. It can be used as an open office or meeting point. Can be moved by forklift pockets and crane hooks. Application mobile as well as stationary. The dimensions are 2.00 x 2.00 x 2.41 m with a weight of 1550 kg. Incl. wooden table, shelf, scratch-resistant acrylic back panel, CEE-plug, LED-panel as well as Schuko-sockets.

galvanized	Part-No.	Kg	Unit	Euro
standard variant	VPPL21VOO0076	1550.0 <small>s</small>	1	13333.90

galvanized + black matt powder coated	Part-No.	Kg	Unit	Euro
standard variant	VPPL21SOO0077	1550.0 <small>s</small>	1	13904.50



VPLO21SOO0073

**V-Lounge**

the V-Lounge serves as a break room, meeting point or shelter. Galvanized or powder coated surface in black matt or RAL color of your choice. The dimensions are 2.00 x 1.93 x 2.41 m. Transportable by fork-lift pockets. Incl. printable aluminum composite plate as back wall, 3 bar stools, disinfection dispenser, ashtray, CEE-plug, LED-panel, as well as Schuko-sockets

galvanized	Part-No.	Kg	Unit	Euro
standard variant	VPLO21VOO0072	1510.0 <small>s</small>	1	12871.50

galvanized + black matt powder coated	Part-No.	Kg	Unit	Euro
standard variant	VPLO21SOO0073	1510.0 <small>s</small>	1	13442.50



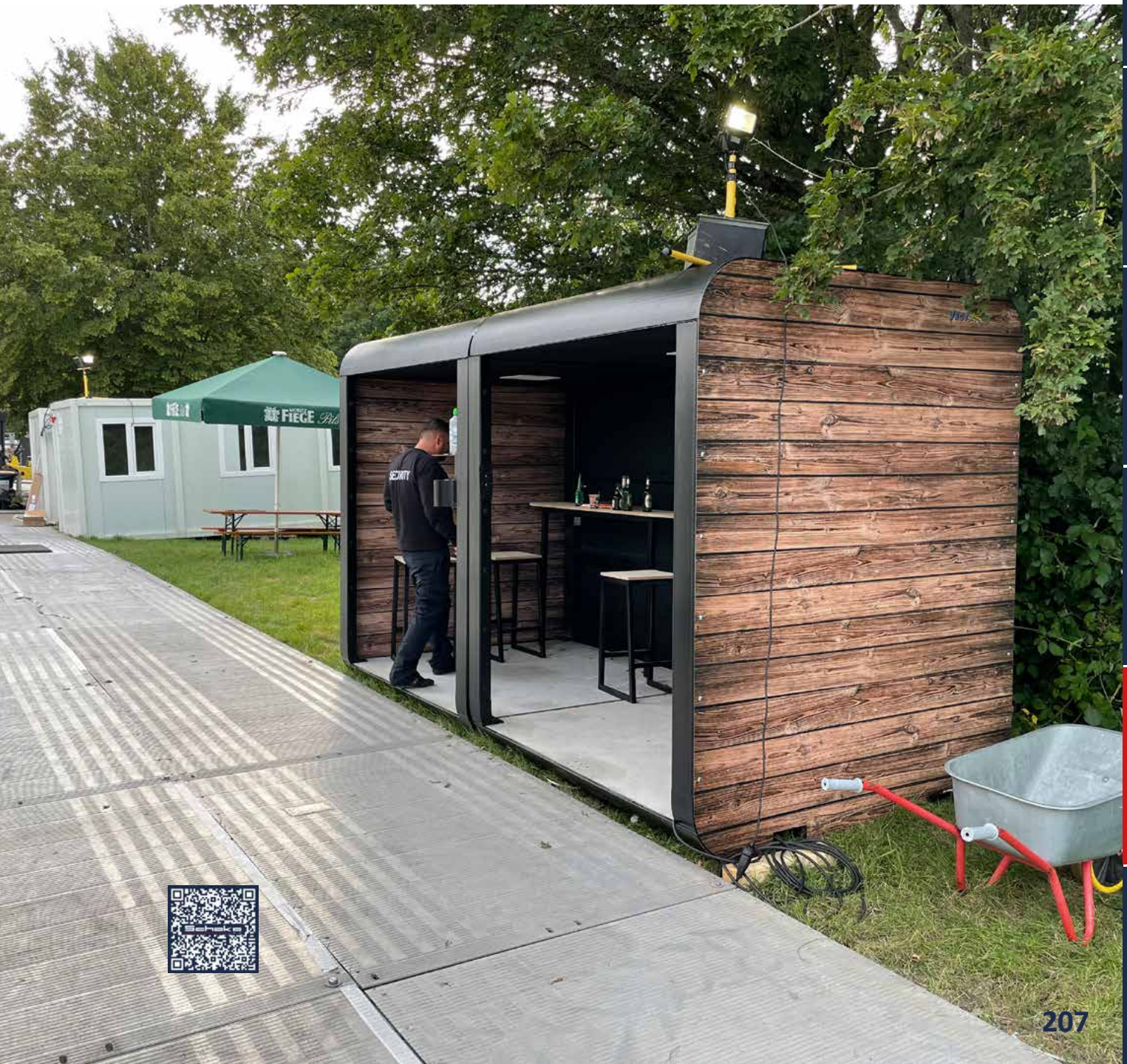


VPOF22SOO0127

**V-Office**

the V-Office is a mobile office building which offers the possibility to work undisturbed and without any weather influences office works on a building site or in a production facility. Through fork-lift pockets and crane hooks movable. Application mobile as well as stationary. The dimensions are 2.00 x 2.00 x 2.41 m with a weight of 1620 kg. Incl. CEE plug, as front and back wall with glass door, heating panel, height-adjustable desk, LED panel and Schuko-sockets. Sidewalls equipped with insulation

galvanized	Part-No.	Kg	Unit	Euro
standard variant	VPOF22VOO0126	1620.0 s	1	14660.50
<b>galvanized + black matt powder coated</b>				
standard variant	VPOF22SOO0127	1620.0 s	1	15267.00





Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



**Column beam system**

mobile device for lifting loads  
consisting of:

- 3 x formwork prop 3.00 m (part-no. 11830V) or 4.0 m (part-no. 11832V)
- 1 x head plate (part-No. 118KV\_E3)
- 3 x levelling foot (part-no. 118KV\_E1)
- 1 x lashing strap (part-no. 50352-8)
- 1 x pulley 250kg load capacity (part-no. 526250) or 500kg load capacity (part-no. 526500)



**optional:**

- 3 x roller (part-no. 2052836), incl. fixing material

**Set variant with pulley block 250 kg load capacity:**

formwork-prop extension length 1.70 m - 3.00 m

	Part-No.	Kg	Unit	Euro
with heavy duty rollers	118KRF25-SET1	70.6 B	1	690.00
without heavy duty rollers	118KF25-SET1	65.8 B	1	660.00

formwork-prop extension length 2.20 m - 4.00 m

with heavy duty rollers	118KRF25-SET2	87.5 B	1	730.00
without heavy duty rollers	118KF25-SET2	65.8 B	1	700.00

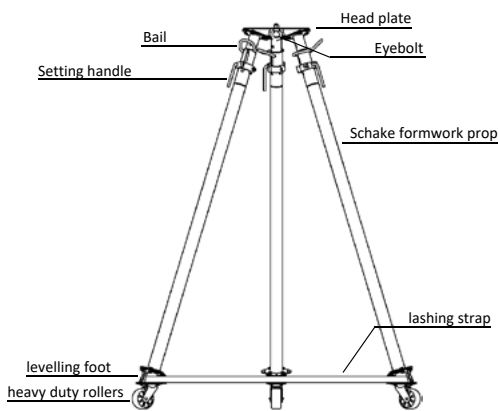
**Set variant with pulley block 500 kg load capacity:**

formwork-prop extension length 1.70 m - 3.00 m

	Part-No.	Kg	Unit	Euro
with heavy duty rollers	118KRF50-SET1	80.8 B	1	710.00
without heavy duty rollers	118KF50-SET1	76.1 B	1	680.00

formwork-prop extension length 2.20 m - 4.00 m

with heavy duty rollers	118KRF50-SET2	97.8 B	1	750.00
without heavy duty rollers	118KF50-SET2	93.0 B	1	720.00



**Euro formwork prop of class B/D**

the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

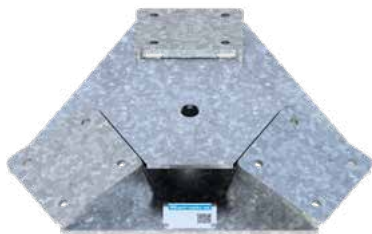
	Part-No.	Kg	Unit	Euro
<b>B/D30</b> extent length: 1.70 - 3.00 m	11830V	16.5 B	48	78.10
<b>B/D40</b> extent length: 2.20 - 4.00 m	11832V	21.5 B	48	91.80

**Lashing strap, 2-part, with ratchet**

of polyester acc. to DIN EN 121965-2; Ergo = long-handle ratchet

	Part-No.	Kg	Unit	Euro
35.00 mm, 1000 / 2000, 8.00 m	50352-8	1.2 A	25	9.25





## Head plate

robust steel construction to accommodate 3 formwork props, as an adaptation for column beam system, incl. drill holes for the attachment of eyes or adapters for attaching pulleys, chain hangers, etc.

	Part-No.	Kg	Unit	Euro
galvanized	118KV_E3	8.1 <sup>A</sup>	1	74.50



## Levelling foot

robust steel construction for fastening to formwork props for the purpose of angle compensation in the column beam system, incl. guide contour for the attachment of a lashing strap to ensure stability.



	Part-No.	Kg	Unit	Euro
galvanized	118KV_E1	1.9 <sup>A</sup>	1	35.00



## Roller

for column beam system, dimensions 125/38/155 mm

	Part-No.	Kg	Unit	Euro
	2052836	1.5 <sup>A</sup>	1	24.80

## Lifting chain

**2 strand 8 mm:** Load capacity at tilting angle: 0°- 45°: 2800 kg | 45°- 60°: 2000 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	52620H-8	7.5 <sup>A</sup>	1	102.40
4.00 m with shortening hook	5264VH-8	15.0 <sup>A</sup>	1	198.00
6.00 m with shortening hook	5266VH-8	21.0 <sup>A</sup>	1	245.00

**2 strand 10 mm:** Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3150 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	52620H-10	12.0 <sup>A</sup>	1	131.50
4.00 m with shortening hook	5264VH-10	23.5 <sup>A</sup>	1	286.00
6.00 m with shortening hook	5266VH-10	32.5 <sup>A</sup>	1	378.00

**4 Strand 8 mm:** Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3000 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	54620H-8	15.0 <sup>A</sup>	1	198.00
4.00 m with shortening hook	5464VH-8	30.0 <sup>A</sup>	1	395.00
6.00 m with shortening hook	5466VH-8	42.0 <sup>A</sup>	1	485.00

**4 Strand 10 mm:** Load capacity at tilting angle: 0°- 45°: 6700 kg | 45°- 60°: 4750 kg

	Part-No.	Kg	Unit	Euro
2.00 m without shortening hook	54620H-10	32.0 <sup>A</sup>	1	258.00
4.00 m with shortening hook	5464VH-10	47.0 <sup>A</sup>	1	570.00
6.00 m with shortening hook	5466VH-10	64.0 <sup>A</sup>	1	695.00

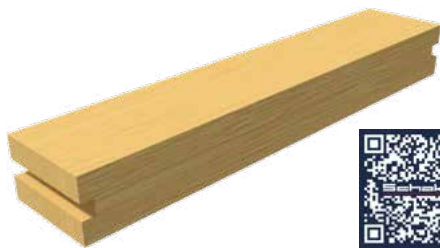
## Industrial pulley block

a high-strength, painted steel housing with a low net weight and a 2-stage reduction gear ensures easy handling. Hardened gears and pinions running on roller bearings reduce friction losses are reduced and increase efficiency, with four precisely formed chain pockets, roller bearings for smooth running and low wear, the pulley block is equipped with a fully closed automatic load brake

	Part-No.	Kg	Unit	Euro
Pulley block with 250 kg load capacity	526250	7.0 <sup>A</sup>	1	225.00
Pulley block with 500 kg load capacity	526500	10.5 <sup>A</sup>	1	245.00



Traffic safety



**Support beam**

120 x 200 mm pressure impregnated for permanent use  
incl. lateral carrying troughs

	Part-No.	Kg	Unit	Euro
wooden	10210	11.5 <sup>A</sup>	1	23.90

Infrastructure building



**Shims**

stackable to reach a certain height, double-sided anti-slip surface, with carrying handle made of plastic fiber fabric. R-Rope color: white, for ergonomic handling. 250mm wide, UHMWPE, color black

	Part-No.	Kg	Unit	Euro
500 x 250 x 50 mm	1025050	6.0 <sup>A</sup>	1	83.30
500 x 250 x 100 mm	1025010	12.0 <sup>A</sup>	1	165.00
1000 x 250 x 50 mm	1021050	12.0 <sup>A</sup>	1	163.00
1000 x 250 x 100 mm	1021010	24.0 <sup>A</sup>	1	326.00

Mobile fence



**Floor protection mat**

1000 x 1000 mm x 15 mm for driving on work equipment, or to protect curbs and areas that need to be protected from ruts. The floor protection mat impresses with a great stability, so that the shape of the mat remains in its form even with frequent use. The floor protection mats can be connected, so that larger areas can be well protected in the compound. The material is heat and frost resistant.

	Part-No.	Kg	Unit	Euro
UHMWPE, black	33902	30.0 <sup>B</sup>	1	290.00

Formwork



33902-1



33902-2

**Accessories for floor protection mat**

	Part-No.	Kg	Unit	Euro
longitudinal connector, for 15 mm plate	33902-1	0.2 <sup>A</sup>	1	13.70
cross connector for 2 x 15 mm plate	33902-2	0.5 <sup>A</sup>	1	10.00

Building support safety



**Stacking pallet for floor protection mat**

pallet for storage and transport of 20 pieces of floor protection mats  
2000 x 1000 x 15 mm, sturdy steel construction made of square tube 60 x 60 mm, with removable bars 50 x 50 mm for easy, ergonomic removal of the floor protection mats, incl. storage compartment for the separate bars, with forklift lugs for safe moving, incl. stacking corners for space-saving storage at height, galvanized

	Part-No.	Kg	Unit	Euro
galvanized	33902-5	63.0 <sup>B</sup>	1	840.00



Storage - transport

Building site installation

Barrier free construction site



11189-2VZ



11189-1V4A



11189-3VZ



11189-3V4A

### Earthing rod

made of T-profile 1000 mm, with 3 holes, for hammering in



	Part-No.	Kg	Unit	Euro
galvanized	11189	4.1 <sup>A</sup>	1	26.60

### Cable guide rod

made of uncoated round steel  $\varnothing$  12 mm, length: 1.20 m, with insulated cable holder



	Part-No.	Kg	Unit	Euro
uncoated	301212E	1.4 <sup>A</sup>	1	5.50

### Earthing strap

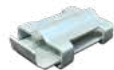
strip steel wound as a ring, corrosion-resistant, can be used as an deflector and earthing conductor for lightning protection, in earthing systems and in ring equipotential bonding. Suitable for laying in the ground soil

	Part-No.	Kg	Unit	Euro
galvanized, 25 kg ring	11189-25VZ	25.0 <sup>A</sup>	1	74.00
galvanized, 50 kg ring	11189-50VZ	50.0 <sup>A</sup>	1	146.00

stainless steel, 25 kg ring	11189-25V4A	25.0 <sup>A</sup>	1	140.00
stainless steel, 50 kg ring	11189-50V4A	50.0 <sup>A</sup>	1	275.00

### Wedge connector for earthing strap

only flat material up to 50 mm width



	Part-No.	Kg	Unit	Euro
galvanized	11189-1VZ	0.2 <sup>A</sup>	1	5.50

### Cross connector for earthing strap

flat material up to 30 mm width in  $0^\circ + 90^\circ$  angle and round material up to  $\varnothing$ 10 mm or  $\varnothing$ 12 mm, combination of round and flat material also possible

	Part-No.	Kg	Unit	Euro
cross connector, galvanized	11189-2VZ	0.2 <sup>A</sup>	1	5.95
cross connector, stainless steel	11189-1V4A	0.2 <sup>A</sup>	1	7.35

### Double/diagonal connector for earthing strap

flat material up to 30mm width at  $45^\circ$  angle, up to 60mm at  $0^\circ$  angle and round material up to approx.  $\varnothing$ 10 mm or  $\varnothing$ 12 mm, combination round and flat material also possible

	Part-No.	Kg	Unit	Euro
double/diagonal connector, galvanized	11189-3VZ	0.2 <sup>A</sup>	1	14.85
double/diagonal connector, stainless steel	11189-3V4A	0.2 <sup>A</sup>	1	16.80

## Barrier free construction site

Access ramp  
V-Door  
Ramp system / Blind protection  
Crowd barrier / Wheelchair ramp

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



Access ramp extension  
part-no. 112500RL



Access ramp  
part-no. 112500R

## Access ramp 2,00 m for pedestrian tunnel

made of steel with surface made of anti-slip aluminum checker plate, for an easy entry into the pedestrian tunnel, also especially suitable for wheelchair users etc. The access ramp can be hooked into the frame element (part-no. 112500) without tools, see page 202

Part-No.	Kg	Unit	Euro
112500R	28.6 <sup>B</sup>	1	133.00

## Barrier free ramp extension

as an intermediate piece between the access ramp 2.00 m for pedestrian tunnels and the pedestrian tunnel itself, adaptable for creating a barrier-free access ramp with < 6 % incline, the access ramp extension can also be retrofitted with nuts and with bolts as a retrofit article, a stable galvanized steel construction provides the necessary load capacity, the surface made of anti-slip aluminium checker plate ensures safe ascending and descending, spindle feet allow the ramp to be adapted to multi-layered terrain situations, incl. touch strip, see page 202

Part-No.	Kg	Unit	Euro
112500RL	68.1 <sup>B</sup>	1	895.00

## V-Ramp

the V-Ramp is a portable ramp and can be used to extend the products from the platform series. Choice between small and large version (approx. 6% incline). The dimensions of the small version are 1.60 x 0.80 x 0.15 m with a weight of 38 kg (large version 1.60 x 2.50 x 0.15 m with a weight of 108 kg). The V-Ramp can be leveled with threaded feet. Incl. anti-slip foil, adjustable feet and carrying handles.

galvanized	Part-No.	Kg	Unit	Euro
short ramp, 1.60 x 0.80 x 0.15 m	VRAMPS	38.0	1	462.00
large ramp, 1.60 x 2.50 x 0.15 m	VRAMPL	108.0	1	1108.50

### galvanized + black matt powder coated

short ramp, 1.60 x 0.80 x 0.15 m	VRAMPS_S	38.0	1	641.00
large ramp, 1.60 x 2.50 x 0.15 m	VRAMPL_S	108.0	1	1287.50



VRAMPL\_S

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



VPDO22SOB0183

**V-Door**

the V-Door is a mobile door, which can be optimally used as barrier-free access or as escape door. Optionally on a platform or a steel plate. Movable by forklift pockets as well as crane eyes. The dimensions of the V-Door on the steel plate are 1.00 x 2.00 x 2.21 m with a weight of of 280 kg (platform version 2.00 x 2.00 x 2.35 m with a weight of 1130kg). Passage width of 1.50 m can be equipped with various access controls. Incl. CEE plug, electric stop, integrated door closer, industrial lock, LED lighting front and rear and climbing over protection, see page 208

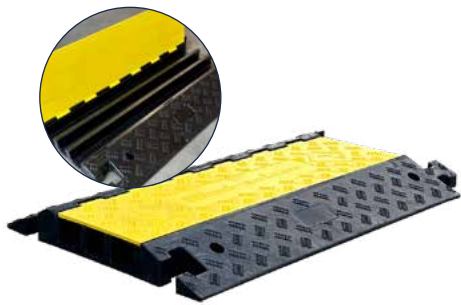
	Part-No.	Kg	Unit	Euro
<b>galvanized</b> construction fence module, handle	VPDO22VOB0182	280.0 <sup>B</sup>	1	3145.50
<b>galvanized + black matt powder coated</b> construction fence module, handle	VPDO22SOB0183	280.0 <sup>B</sup>	1	3279.50
double wire mesh fence module, handle	VPDO22SOD0186	280.0 <sup>B</sup>	1	3403.50
construction fence module, escape door	VPDO22SFB0217	290.0 <sup>B</sup>	1	3905.00
construction fence module, knob	VPDO22SKB0226	280.0 <sup>B</sup>	1	3279.50



**i** More access solutions on page 113,116,117



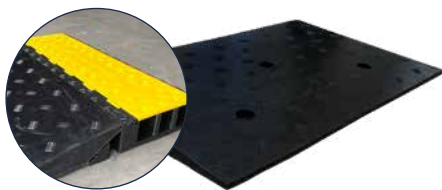
**i** Also available online as a set with mobile fences (part.-no. 3B7090VD-SET)



### Ramp system A

with 3 ducts for cables and hoses, supports up to 20 tonnes, (approx 2 to on a area of 25 x 25 cm, up to max. 10 km/h), several bridges can be connected by pins, dimensions of passage duct: 2 x 65 mm x 50 mm and 1 x 55 mm x 50 mm, outer dimensions: 600 mm x 880 mm x 75 mm, including cast-in connecting pin, also suitable for plugging, without fastening material

	Part-No.	Kg	Unit	Euro
plastic	33934	20.0 <sup>B</sup>	1	169.00



### Approach ramp for ramp system A

can be loaded up to 20t., as an optional possibility the overrun protection system to drive over more gently with a low gradient, external dimensions length 595 mm, width 880 mm, height max. 70 mm

	Part-No.	Kg	Unit	Euro
plastic	33934R	15.0 <sup>B</sup>	1	76.30

### Blind protection strip for barrier fence 2.00 m length

made of aluminum incl. brackets for art. no. 3199F so that people with walking or visual impairments pass the construction sites more safely, see also page 21



	Part-No.	Kg	Unit	Euro
aluminum	3199B	2.4 <sup>B</sup>	1	78.00

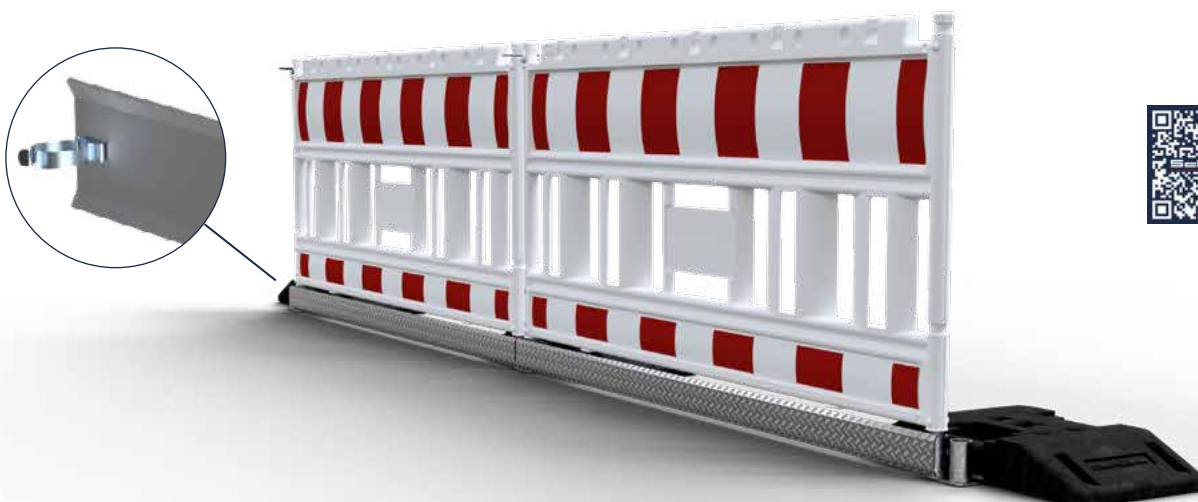
### Base plate adapter

for barrier-free installation of traffic panel fences or mobile fences suitable for all common K1 base plates with round tube adapter of 42 mm



	Part-No.	Kg	Unit	Euro
glvanized	3199F	3.6 <sup>A</sup>	1	39.50

**i** More traffic panel fences on page 20-27





Traffic safety



**Crowd barrier with flat foot**

crowd barrier element with separate, diagonal flat foot for universal barriers without trip hazard, length approx. 2,50 m, height of crowd barrier element approx. 1,00 m, diagonally seted to approx. 75 degrees, tubular steel frame of 33,7 mm all around with hooks and eyes and with horizontal tube as carrying handle, feet included

	Part-No.	Kg	Unit	Euro
galvanized	419.00BF	19.9 c	45	121.10

Infrastructure building

Mobile fence



Formwork

**Wheelchair ramp**

for barrier-free driving up curbs with wheelchairs, baby carriages or similar, aluminum construction with foldable railings, ramp incline < 6 %, the height is steplessly adjustable with spindle feet for exact adjustment to the curb height, inside width approx. 1.5 m, total length: approx. 6.6 m, railing height: approx. 0.9 m, with knee rail and touch strip



	Part-No.	Kg	Unit	Euro
aluminium	2029613	213.0 D	1	5200.00

Building support safety

Storage - transport

Building site installation

Barrier free construction site





# Optimized product solutions, custom-made for your requirements

**i**

Our manifold product range requires a complex and high-duty machine-park, which we use next to manufacture our catalogue products for special custom needs.

By using various material in our production like:

- Steel (different types)
- Stainless steel V2A/V4A
- Aluminium
- Plastic material
- Wood
- Concrete

We can fulfill your product requirements.

We have optimized our production in that way that we can also design and produce minimal amounts or prototypes.

Take the opportunity and contact us.



The treatment of raw-material is handled in our production by:

- 3D laser-cutting-technologies
- Various welding processes
- Different bending machines
- Sawing, pressing, stamping, edge bending
- Forging
- painting and powder-coating



Our skilled staff takes care on you as our customer – our most important component – and has the focus also on the products in our specialized manufacturing process .

We are looking forward to discuss your requests and develop the best result together with you.

We will support you in development of new products with our team from the first idea to the finished product.

To achieve maximum success in marketing, a good presentation of the product is crucial. In addition to our capabilities in data preparation and provision for your online or catalog presentation, we are happy to support you in using your sales areas in the best possible way for the presentation of our products.

In addition to a selection of sample posts and presentation sets, which we can use to showcase our products, we are happy to exchange ideas for the individual design of your sales areas and to support you. Please feel free to challenge us with your creative requirements!



### Sample post type 4706

consisting of

1. barrier post of steel tube  $\varnothing$  76 mm  
type 476PBG, stationary for plugging down
2. barrier post of steel tube 70 x 70 mm  
type 470UZB, foldable, with Euro profile cylinder
3. barrier post of steel tube 70 x 70 mm  
type 470FUB, foldable, with triangular lock
4. Ornamental bollard with hemispherical head  
type 482PB, stationary, for plugging down
5. Ornamental bollard with flat head  $\varnothing$  76 mm  
type 4071PB, stationary, for plugging down
6. Car-park barrier  
type 4709UZB, foldable, with Euro profile cylinder lock to be fixed by plugs

### Selling box 4707

consisting of:

- 3x barrier posts of steel tube 70 x 70 mm  
type 470FB, removable, with triangular lock
- 1x barrier post of steel tube 70 x 70 mm  
type 470FUHB, foldable, with triangular lock
- 1x barrier post of steel tube 70 x 70 mm  
type 470UZHB, foldable, with Euro profile cylinder
- 1 x barrier post of steel tube 70x 70 mm  
type 470B, stationary, for casting in concrete
- 3 x barrier posts of steel tube  $\varnothing$  60 mm  
type 460B, stationary, for casting in concrete
- 3x barrier posts of steel tube  $\varnothing$  60 mm  
type 460B/2, stationary, for casting in concrete, 2 eyelets
- 1 x car-park barrier  
type 40771, foldable, with round cylinder





### First aid kit

**consisting of:**

- 15 x traffic cones, height 320 mm
- 20 x traffic cones, height 500mm
- 4 x traffic cone adapter for all Schake traffic cones
- 4 x signallight for traffic panels PowerNox, light exists on one side, yellow
- 4 x barrier strap with traffic cone adapter for all traffic cone types
- 24 x block battery 6V / 7AH 4R25
- 20 x barrier tape holder
- 50 x twin pole, diameter 16 mm, length: 1000 mm
- 4 x barrier tape, panted on both sides, in red / white bocks, 500 m reel in special carton
- 4 x euro pallets
- 1 x Schake „EHK“ pallets cover



### Formwork-/ Trench shoring kit

**consisting of:**

- 2 x heads for formwork props, with corner angles
- 1 x head for formwork props, reinforced version, tube  $\varnothing$  39 mm
- 1 x head for formwork props, with tube  $\varnothing$  26,9 mm
- 1 x formwork beam of wood Schake type H20
- 1 x formwork prop hot-dip galvanized, with outer thread 1,70 m - 3,00 m
- 1 x formwork prop, painted, with inner thread 1,87 m - 3,00 m
- 1 x formwork prop hot-dip galvanized with outer thread 1,70 m - 3,00 m
- 1 x formwork prop painted, with outer thread
- 1 x tripod stand galvanized with square tube
- 1 x aluminium trench bridge, length: 1,70m, width: 1,00m
- 1 x trench shoring perfect 32 mm size 4
- 1 x trench shoring perfect 60 mm size 2
- 1 x trench shoring perfect 48 mm size 3
- 8 x wing nut, 3 arms
- 2 x threaded rod  $\varnothing$  15 mm, outside dimension  $\varnothing$  17 mm  
core domension 15 mm x 1900 mm

**At the point of sale you have the possibility to adress to your customer in a very comprehensive way, take this opportunity with a good product presentation, always keeping the following POS benefits in mind:**

- **Feel, not only inform**

Your customers can touch the product and get a real impression of quality, size ratios and material properties.  
An impression that no digital presentation can provide in equal way

- **Experience and remember**

Through direct, tangible contact with the product, the customer associates a real experience with the product and also stores it emotionally. You remain in your customer's memory for a long time.

- **Stand out and be seen**

By showing the product physically, you make it stand out from the crowd and draw the customer's attention to it.  
The customer's attention is drawn exactly to what you want to show

- **Feel good and come back**

Good product presentations with real products create a special atmosphere in your sales area.  
Make sure that your customer feels comfortable, enjoys the time he spend looking at your products and gladly comes back.

Access ramp	217	Ceiling support	142, 143	Cover sheet	191
Advertising board holder	197	Chain hanger	209	Crane fork	190
Advertising pole	197, 200	City beacon	7-11	Crane loading fork	190
Aluminium fixed ladder	168	Clamp	170-172	Crane strap	192-195
Aluminium marking nail	58	Clamp panel	7-11	Crank scaffold trestle	164
Aluminium transport box	191	Clamping wedge	155	Crash barrier holder	49
Anchor bar	156	Climb-over protection	111	Crosshead	144
Anchor plate	157	Closure clamp	143	Crossing out	50
Anchor rod	156	Cold asphalt	87	Crowbar	77
Anti-lift device	115	Column clamp	156	Crowd barrier	126-131
Anti-slip mat	193	Column tree system	208	Crowd barrier made of plastic	20-29
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Steel support	143	Trench shoring spindle	82	Liability Act does not apply if non-use of	
Step ladder	167	Trench spike	85	original parts. All products are supplied	
Step trestle	167	Trench strut	82	without decoration. Slight color deviations	
Stock- Transport	176-195	Tripod stand	67, 145	in printing due to the material properties	
Storage and transport traverse	28-29, 102, 107, 185	Tube clamp	53	of the single product are possible.	
Storage box	191	Tube post	51-55		
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## General terms of delivery of Schake GmbH

### 1. Scope of validity

- (1) These terms of delivery apply exclusively to contractors, legal entities under public law or separate estates under public law (hereinafter: contractual partner).
- (2) Contractor is an individual or legal entity or a partnership with legal capacity which is acting in its commercial or self-employed professional capacity at the time of concluding a legal transaction.
- (3) The inclusion of business or purchasing terms of the contractual partner is herewith declared void. Their inclusion always requires an express agreement.

### 2. Applicable law

Contractual relationships in which these terms of delivery have been incorporated are based exclusively on German law, including international and European law that has been ratified in Germany or is directly applicable, however with the exclusion of the UN Sales Convention (CISG).

### 3. Offer and conclusion of contract

- (1) Drawings, illustrations, dimensions, weights, or other performance data sent to us by the contractual partner are only binding if this has been expressly agreed.
- (2) In case of doubt, the contract shall be deemed concluded with the content of our order confirmation.
- (3) All contents of the contract require an express agreement. Our silence in response to a commercial letter of confirmation from the contractual partner neither concludes in a contract, nor does a contract that has been concluded be hereby modified.

### 4. Notice of defects

Notices of defects within the meaning of Section 377 of the German Commercial Code (HGB) are only considerable if they are made in text form and the defects are described in such concrete terms that their relevance can be assessed.

### 5. Self-supply reservation

Our delivery obligations are subject to the correct and timely self-supply, unless we are responsible for the incorrect or delayed self-supply.

### 6. Prices, payment, set-off, right of retention

- (1) Our prices are ex works plus freight and the applicable sales tax.
- (2) Our invoices are due for payment within eight days of receipt and without deduction.
- (3) The contractual partner can only set-off against our claims with claims that are undisputed or have been legally established or are ready for judgement in a legal dispute. The contractual partner is entitled to exercise a right of retention only if his counter-claim stems from the same contractual relationship.

### 7. Transfer of risk upon dispatch

If the goods are dispatched to the contractual partner or to a third party at the request of the contractual partner, the risk of accidental loss or accidental deterioration of the goods is transferred to the contractual partner once the goods leave the factory/warehouse. This applies regardless of who bears the freight costs.

### 8. Reservation of property rights

- (1) The delivered goods remain our property until the final payment of all claims arising based on the business relationship. In the case of several claims or a running account, the reservation of property rights serves as a security for the balance claim.
- (2) The contractual partner is entitled to process and sell the reserved goods in the ordinary course of business if he is not in default. The contractual partner hereby assigns to us by way of security the claims arising from the resale or any other legal reason (insurance, tort) regarding the reserved goods up to the amount of a balance existing in our favour. We revocably authorise the contractual partner to debit the claims assigned to us to his account in his own name. The direct debit authorisation expires if the contractual partner does not properly comply with his payment obligations or if insolvency proceedings are opened against his assets or if the opening of insolvency proceedings is rejected due to insufficient assets.

### 9. Limitation of claims for defects

The limitation period for claims for defects is one year from the transfer of risk. This does not apply insofar as the law stipulates a mandatory indispensability or if a shortening of the limitation periods cannot effectively take place as per the jurisdiction in the general terms and conditions. In particular, this does not apply so far longer deadlines are regulated for claims according to Section 438 Paragraph 1 No. 2 (constructions and things for constructions), 478, 479 (supplier recourse) and 634 a Paragraph 1 No. 2 of German Civil Code (BGB) (construction defects) as well as in cases of loss of life, bodily injury or damage to health, in the event of an intentional or grossly negligent breach of duty by us and in the case of fraudulent concealment of a defect as well as claims under the Product Liability Act.

### 10. Liability

For an injury to life or health, intentional and grossly negligent actions as well as claims under the Product Liability Act, we are always fully liable in accordance with the statutory provisions. If an essential contractual obligation is breached by slight negligence, our liability for financial damages that is not based on injury to life or health is limited to the foreseeable damages typical for the contract. Contractual obligations are regarded to be of fundamental importance, the fulfilment of which makes the proper execution of the contract possible in the first place and on the compliance of which the contractual partner has relied and was entitled to rely.

### 11. Place of jurisdiction

- (1) If the contractual partner is a businessman within the meaning of the German Commercial Code (HGB), a legal entity under public law or separate estate under public law, Hagen in North Rhine-Westphalia is the place of jurisdiction for all disputes arising from the contractual relationship in which these terms of delivery were included; additionally existing legal places of jurisdiction are not affected by this.
- (2) The provision of Paragraph 1 does not apply to claims that are assigned to the district courts regardless of the amount in dispute; it also does not apply if the law establishes another exclusive place of jurisdiction.