

Interactive PDF

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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.

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

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CONSTRUCTION EQUIPMENT TRAFFIC SAFETY

• barricade • build • belay

XI

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



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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Mobile fence



Infrastructure building

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Building support safety



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Building site installation



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Barrier free construction site



i Interactive catalogues:

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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 |
|---------------------------------------|---------------|-------------------|------|
| on both sides indicating right / left | 36NOX-G2-G | 36.5 ^A | 1 |
| Film RA2/B, hatched | | | |
| on both sides indicating right / left | 36NOX2-G2-G | 36.5 ^A | 1 |
| Film RA2/B, arrowed | | | |
| on both sides indicating right / left | 36NOXP2-G2-G | 36.5 ^A | 1 |
| one one side indicating right or left | 36NOXP2E-G2-G | 36.5 ^A | 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**



| | Part-No. | Kg | Unit |
|-----------------------------------|----------|------------------|------|
| light exits on one side, yellow | 33NOXG1 | 1.0 ^A | 10 |
| light exits on both sides, yellow | 33NOXG2 | 1.0 ^A | 10 |
| light exits on one side, red | 33NOXR1 | 1.0 ^A | 10 |
| light exits on both sides, red | 33NOXR2 | 1.0 ^A | 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 |
|---------|----------|------------------|------|
| plastic | 31211S | 0.1 ^A | 10 |

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 |
|---------------------------|----------|-------------------|------|
| recycled plastic material | 31NOX | 30.0 ^S | 30 |



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

i 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 |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOX | 4.7 ^A | 60 |
| on one side indicating left | 36NOXL | 4.7 ^A | 60 |
| on one side indicating right | 36NOXR | 4.7 ^A | 60 |
| on both sides indicating left | 36NOXLL | 4.7 ^A | 60 |
| on both sides indicating right | 36NOXRR | 4.7 ^A | 60 |

| Film RA2/B, hatched | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOX2 | 4.7 ^A | 60 |
| on one side indicating left | 36NOX2L | 4.7 ^A | 60 |
| on one side indicating right | 36NOX2R | 4.7 ^A | 60 |
| on both sides indicating left | 36NOX2LL | 4.7 ^A | 60 |
| on both sides indicating right | 36NOX2RR | 4.7 ^A | 60 |

| Film RA2/C, hatched | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOX3 | 4.7 ^A | 60 |
| on one side indicating left | 36NOX3L | 4.7 ^A | 60 |
| on one side indicating right | 36NOX3R | 4.7 ^A | 60 |
| on both sides indicating left | 36NOX3LL | 4.7 ^A | 60 |
| on both sides indicating right | 36NOX3RR | 4.7 ^A | 60 |

| Film RA1/A, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOXP | 4.7 ^A | 60 |
| on one side indicating right / left | 36NOXPE | 4.7 ^A | 60 |

| Film RA2/B, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOXP2 | 4.7 ^A | 60 |
| on one side indicating right / left | 36NOXP2E | 4.7 ^A | 60 |

| Film RA2/C, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36NOXP3 | 4.7 ^A | 60 |
| on one side indicating right / left | 36NOXP3E | 4.7 ^A | 60 |

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 |
|------------|----------|-------------------|------|
| galvanized | 36NOX-5 | 58.0 ^B | 1 |

i Also available online as a pre-packed set





36055R
indicating right

36055L
indicating left

i Customize your traffic panels !

- sticker on traffic panel film
- customized film
- embossed logo in the traffic panel body
- special color traffic panel body



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 \varnothing 42 mm for lamp mounting

Film RA1/A, hatched

| | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36055 | 2.9 ^A | 60 |
| on one side indicating left | 36055L | 2.9 ^A | 60 |
| on one side indicating right | 36055R | 2.9 ^A | 60 |
| on both sides indicating left | 36055LL | 2.9 ^A | 60 |
| on both sides indicating right | 36055RR | 2.9 ^A | 60 |

Film RA2/B, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360552 | 2.9 ^A | 60 |
| on one side indicating left | 360552L | 2.9 ^A | 60 |
| on one side indicating right | 360552R | 2.9 ^A | 60 |
| on both sides indicating left | 360552LL | 2.9 ^A | 60 |
| on both sides indicating right | 360552RR | 2.9 ^A | 60 |

Film RA2/C, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360553 | 2.9 ^A | 60 |
| on one side indicating left | 360553L | 2.9 ^A | 60 |
| on one side indicating right | 360553R | 2.9 ^A | 60 |
| on both sides indicating left | 360553LL | 2.9 ^A | 60 |
| on both sides indicating right | 360553RR | 2.9 ^A | 60 |

Film RA1/A, arrowed

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 36055P | 2.9 ^A | 60 |
| on one side indicating left | 36055PL | 2.9 ^A | 60 |
| on one side indicating right | 36055PR | 2.9 ^A | 60 |
| on both sides indicating left | 36055PLL | 2.9 ^A | 60 |
| on both sides indicating right | 36055PRR | 2.9 ^A | 60 |

Film RA2/B, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36055P2 | 2.9 ^A | 60 |
| on one side indicating left | 36055P2L | 2.9 ^A | 60 |
| on one side indicating right | 36055P2R | 2.9 ^A | 60 |
| on both sides indicating left | 36055P2LL | 2.9 ^A | 60 |
| on both sides indicating right | 36055P2RR | 2.9 ^A | 60 |

Film RA2/C, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36055P3 | 2.9 ^A | 60 |
| on one side indicating left | 36055P3L | 2.9 ^A | 60 |
| on one side indicating right | 36055P3R | 2.9 ^A | 60 |
| on both sides indicating left | 36055P3LL | 2.9 ^A | 60 |
| on both sides indicating right | 36055P3RR | 2.9 ^A | 60 |

Plastic traffic panel type 60

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

Film RA1/A, block

| | Part-No. | Kg | Unit |
|---------------|----------|------------------|------|
| on both sides | 36055B | 2.9 ^A | 60 |
| on one side | 36055BE | 2.9 ^A | 60 |

Film RA2/B, block

| | | | |
|---------------|----------|------------------|----|
| on both sides | 36055B2 | 2.9 ^A | 60 |
| on one side | 36055B2E | 2.9 ^A | 60 |

Film RA2/C, block

| | | | |
|---------------|----------|------------------|----|
| on both sides | 36055B3 | 2.9 ^A | 60 |
| on one side | 36055B3E | 2.9 ^A | 60 |



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 |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36055W | 2.9 ^A | 60 |
| on one side indicating right | 36055WR | 2.9 ^A | 60 |
| on one side indicating left | 36055WL | 2.9 ^A | 60 |

| Film RA2/B, hatched | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36055W2 | 2.9 ^A | 60 |
| on one side indicating left | 36055W2L | 2.9 ^A | 60 |
| on one side indicating right | 36055W2R | 2.9 ^A | 60 |

| Film RA2/C, hatched | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36055W3 | 2.9 ^A | 60 |
| on one side indicating left | 36055W3L | 2.9 ^A | 60 |
| on one side indicating right | 36055W3R | 2.9 ^A | 60 |

| Film RA1/A, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36055WP | 2.9 ^A | 60 |
| on one side indicating right / left | 36055WPE | 2.9 ^A | 60 |

| Film RA2/B, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|-----------|------------------|------|
| on both sides indicating right / left | 36055W2P | 2.9 ^A | 60 |
| on one side indicating right / left | 36055W2PE | 2.9 ^A | 60 |

| Film RA2/C, arrowed | Part-No. | Kg | Unit |
|---------------------------------------|-----------|------------------|------|
| on both sides indicating right / left | 36055W3P | 2.9 ^A | 60 |
| on one side indicating right / left | 36055W3PE | 2.9 ^A | 60 |



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 |
|--------------------------|-----------|------------------|------|
| Film RA1/A, red / white | 36057A | 3.6 ^A | 60 |
| Film RA2/B, red / white | 360572A | 3.6 ^A | 60 |
| Film RA1/A, yellow / red | 36057SKA | 3.6 ^A | 60 |
| Film RA2/B, yellow / red | 360572SKA | 3.6 ^A | 60 |

Film arrowed, on both sides indicating right / left

| Film | Part-No. | Kg | Unit |
|--------------------------|------------|------------------|------|
| Film RA1/A, red / white | 36057PA | 3.6 ^A | 60 |
| Film RA2/B, red / white | 36057P2A | 3.6 ^A | 60 |
| Film RA1/A, yellow / red | 36057PSKA | 3.6 ^A | 60 |
| Film RA2/B, yellow / red | 36057P2SKA | 3.6 ^A | 60 |



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 \varnothing 42 mm for lamp mounting

Film RA1/A, hatched

| | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36045 | 2.9 ^A | 60 |
| on one side indicating left | 36045L | 2.9 ^A | 60 |
| on one side indicating right | 36045R | 2.9 ^A | 60 |
| on both sides indicating left | 36045LL | 2.9 ^A | 60 |
| on both sides indicating right | 36045RR | 2.9 ^A | 60 |

Film RA2/B, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360452 | 2.9 ^A | 60 |
| on one side indicating left | 360452L | 2.9 ^A | 60 |
| on one side indicating right | 360452R | 2.9 ^A | 60 |
| on both sides indicating left | 360452LL | 2.9 ^A | 60 |
| on both sides indicating right | 360452RR | 2.9 ^A | 60 |

Film RA2/C, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360453 | 2.9 ^A | 60 |
| on one side indicating left | 360453L | 2.9 ^A | 60 |
| on one side indicating right | 360453R | 2.9 ^A | 60 |
| on both sides indicating left | 360453LL | 2.9 ^A | 60 |
| on both sides indicating right | 360453RR | 2.9 ^A | 60 |

Film RA1/A, arrowed

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 36045P | 2.9 ^A | 60 |
| on one side indicating left | 36045PL | 2.9 ^A | 60 |
| on one side indicating right | 36045PR | 2.9 ^A | 60 |
| on both sides indicating left | 36045PLL | 2.9 ^A | 60 |
| on both sides indicating right | 36045PRR | 2.9 ^A | 60 |

Film RA2/B, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36045P2 | 2.9 ^A | 60 |
| on one side indicating left | 36045P2L | 2.9 ^A | 60 |
| on one side indicating right | 36045P2R | 2.9 ^A | 60 |
| on both sides indicating left | 36045P2LL | 2.9 ^A | 60 |
| on both sides indicating right | 36045P2RR | 2.9 ^A | 60 |

Film RA2/C, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36045P3 | 2.9 ^A | 60 |
| on one side indicating left | 36045P3L | 2.9 ^A | 60 |
| on one side indicating right | 36045P3R | 2.9 ^A | 60 |
| on both sides indicating left | 36045P3LL | 2.9 ^A | 60 |
| on both sides indicating right | 36045P3RR | 2.9 ^A | 60 |

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 |
|------------|----------|-------------------|------|
| galvanized | 36060 | 58.0 ^B | 1 |

i Also available online as a pre-packed set

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

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 |
|-------------------------------|------------|--------|------|
| plastic traffic panel type 60 | 36055-SET1 | 1000.0 | c 1 |
| BASt turn traffic panel | 36NOX-SET1 | 1100.0 | c 1 |

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

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

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

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

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

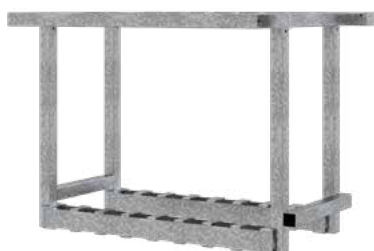


| for 21 base plates | Part-No. | Kg | Unit |
|--------------------------------------|----------|------|------|
| dimensions: 1.40 m x 0.73 m x 1.06 m | | | |
| painted | 50381-0 | 38.9 | B 1 |
| galvanized | 50381V-0 | 38.9 | B 1 |

| for 30 base plates | Part-No. | Kg | Unit |
|--------------------------------------|--------------|------|------|
| dimensions: 1.40 m x 0.73 m x 1.31 m | | | |
| painted | 50381-115-0 | 42.2 | B 1 |
| galvanized | 50381V-115-0 | 42.2 | B 1 |

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



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



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 |
|-------------------------------|------------|--------|------|
| plastic traffic panel type 60 | 36055-SET2 | 1278.0 | B 1 |
| BASSt turn traffic panel | 36NOX-SET2 | 1207.0 | B 1 |

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

| | | | |
|-------------------------------|-------------|--------|-----|
| plastic traffic panel type 60 | 360552-SET2 | 1278.0 | B 1 |
| BASSt turn traffic panel | 36NOX2-SET2 | 1207.0 | B 1 |

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 |
| plastic traffic panel type 60, indicating right | 36055PR-SET2 | 1278.0 | B 1 |
| BASSt turn traffic panel | 36NOXPE-SET2 | 1207.0 | B 1 |

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 |
| plastic traffic panel type 60, indicating right | 36055P2R-SET2 | 1278.0 | B 1 |
| BASSt turn traffic panel | 36NOXP2E-SET2 | 1207.0 | B 1 |

Adaptation for traffic panels

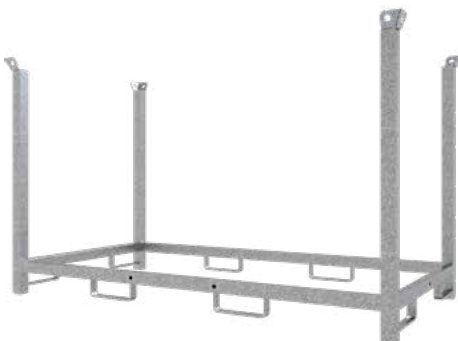
to take a maximum of 36 traffic panels of all common types, steel construction made of firm square tubes, securing of the panels by putting in cross tubes, adaptation screwable onto base part-no. 3B214 + 3B214-2



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

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 |
|------------|----------|------|------|
| galvanized | 3B214-2 | 49.2 | B 1 |

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 |
|------------|----------|------|------|
| galvanized | 3B214 | 85.0 | B 1 |

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 |
|-------------------------------|---------------|-------|------|
| plastic traffic panel type 60 | 36055-G2-SET3 | 425.0 | B 1 |
| BASt turn traffic panel | 36NOX-G2-SET3 | 425.0 | B 1 |

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

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

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

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



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 |
|------------|----------|------|------|
| galvanized | 3NOX-5V | 61.5 | B 1 |





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, 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



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 |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36080 | 8.9 ^A | 30 |
| on one side indicating left | 36080L | 8.9 ^A | 30 |
| on one side indicating right | 36080R | 8.9 ^A | 30 |
| on both sides indicating left | 36080LL | 8.9 ^A | 30 |
| on both sides indicating right | 36080RR | 8.9 ^A | 30 |

Film RA2/B, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360802 | 8.9 ^A | 30 |
| on one side indicating left | 360802L | 8.9 ^A | 30 |
| on one side indicating right | 360802R | 8.9 ^A | 30 |
| on both sides indicating left | 360802LL | 8.9 ^A | 30 |
| on both sides indicating right | 360802RR | 8.9 ^A | 30 |

Film RA2/C, hatched

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 360803 | 8.9 ^A | 30 |
| on one side indicating left | 360803L | 8.9 ^A | 30 |
| on one side indicating right | 360803R | 8.9 ^A | 30 |
| on both sides indicating left | 360803LL | 8.9 ^A | 30 |
| on both sides indicating right | 360803RR | 8.9 ^A | 30 |

Film RA1/A, arrowed

| | | | |
|---------------------------------------|----------|------------------|----|
| on both sides indicating right / left | 36080P | 8.9 ^A | 30 |
| on one side indicating left | 36080PL | 8.9 ^A | 30 |
| on one side indicating right | 36080PR | 8.9 ^A | 30 |
| on both sides indicating left | 36080PLL | 8.9 ^A | 30 |
| on both sides indicating right | 36080PRR | 8.9 ^A | 30 |

Film RA2/B, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36080P2 | 8.9 ^A | 30 |
| on one side indicating left | 36080P2L | 8.9 ^A | 30 |
| on one side indicating right | 36080P2R | 8.9 ^A | 30 |
| on both sides indicating left | 36080P2LL | 8.9 ^A | 30 |
| on both sides indicating right | 36080P2RR | 8.9 ^A | 30 |

Film RA2/C, arrowed

| | | | |
|---------------------------------------|-----------|------------------|----|
| on both sides indicating right / left | 36080P3 | 8.9 ^A | 30 |
| on one side indicating left | 36080P3L | 8.9 ^A | 30 |
| on one side indicating right | 36080P3R | 8.9 ^A | 30 |
| on both sides indicating left | 36080P3LL | 8.9 ^A | 30 |
| on both sides indicating right | 36080P3RR | 8.9 ^A | 30 |



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 |
|----------|-------------------|------|
| 36080S | 11.1 ^B | 1 |



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 |
|-----------------------|--------------------|------|
| galvanized 36080-5 | 134.0 ^B | 1 |



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 |
|------------|--------------------|------|
| 36080-SET1 | 187.0 ^B | 1 |



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 |
|-----------------------|------------------|------|
| galvanized 36080-1 | 9.2 ^A | 1 |



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 |
|------------|-------------------|------|
| 36080-SET2 | 53.7 ^B | 1 |

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 |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 36050 | 1.5 ^A | 250 |
| on one side indicating right | 36050R | 1.5 ^A | 250 |
| on one side indicating left | 36050L | 1.5 ^A | 250 |
| on both sides indicating right | 36050RR | 1.5 ^A | 250 |
| on both sides indicating left | 36050LL | 1.5 ^A | 250 |

| Film RA2/B, red / white | Part-No. | Kg | Unit |
|---------------------------------------|----------|------------------|------|
| on both sides indicating right / left | 360502 | 1.5 ^A | 250 |
| on one side indicating right | 360502R | 1.5 ^A | 250 |
| on one side indicating left | 360502L | 1.5 ^A | 250 |
| on both sides indicating right | 360502RR | 1.5 ^A | 250 |
| on both sides indicating left | 360502LL | 1.5 ^A | 250 |

| Film RA1/A, red / yellow | Part-No. | Kg | Unit |
|---------------------------------------|-----------|------------------|------|
| on both sides indicating right / left | 36050SK | 1.5 ^A | 250 |
| on one side indicating right | 36050SKR | 1.5 ^A | 250 |
| on one side indicating left | 36050SKL | 1.5 ^A | 250 |
| on both sides indicating right | 36050SKRR | 1.5 ^A | 250 |
| on both sides indicating left | 36050SKLL | 1.5 ^A | 250 |

| Film RA2/B, red / yellow | Part-No. | Kg | Unit |
|---------------------------------------|------------|------------------|------|
| on both sides indicating right / left | 360502SK | 1.5 ^A | 250 |
| on one side indicating right | 360502SKR | 1.5 ^A | 250 |
| on one side indicating left | 360502SKL | 1.5 ^A | 250 |
| on both sides indicating right | 360502SKRR | 1.5 ^A | 250 |
| on both sides indicating left | 360502SKLL | 1.5 ^A | 250 |

| Film RA2/C, red / yellow | Part-No. | Kg | Unit |
|---------------------------------------|------------|------------------|------|
| on both sides indicating right / left | 360503SK | 1.5 ^A | 250 |
| on one side indicating right | 360503SKR | 1.5 ^A | 250 |
| on one side indicating left | 360503SKL | 1.5 ^A | 250 |
| on both sides indicating right | 360503SKRR | 1.5 ^A | 250 |
| on both sides indicating left | 360503SKLL | 1.5 ^A | 250 |

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 |
|------------|----------|-------------------|------|
| | 36050-5 | 58.0 ^B | 1 |

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 |
|---------------|--------------------|------|
| 360502SK-SET1 | 172.5 ^B | 1 |



Base plate flat traffic panel 17 Kg

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

plastic recycling

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 31995 | 17.0 ^s | 30 |



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)

galvanized

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 31995-5 | 78.0 ^B | 1 |



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 |
|-----------|--------------------|------|
| 31995-SET | 826.0 ^B | 1 |

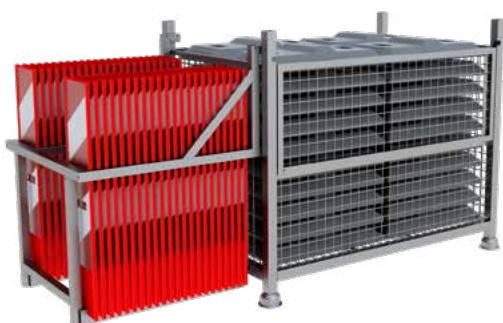


Transport basket for flat panels

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

galvanized

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 36050-1 | 26.0 ^B | 1 |



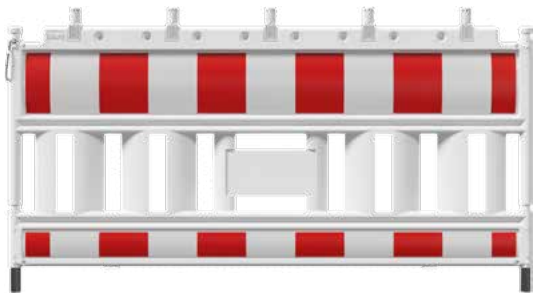
Transport box with basket SET

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 |
|------------|--------------------|------|
| 36050-SET2 | 896.0 ^C | 1 |

Traffic safety



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

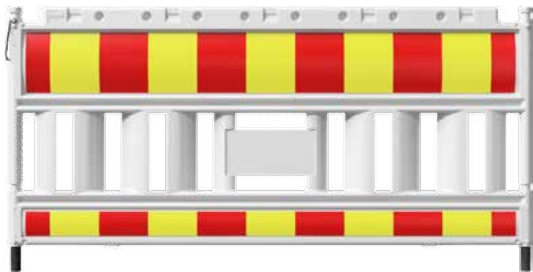
Tested according to TL blocking technology 97,
Length 2.00 m, complies with ZTV-SA requirements,
Optionally with assembled lamp adapters

Infrastructure building

i Several panel fences can be put together with connectors.



Mobile fence



| Film RA1/A | Part-No. | Kg | Unit |
|-----------------------------------|----------|--------|------|
| without lamp adapter, red / white | 33420K | 14.5 B | 20 |
| with lamp adapter, red / white | 33420KA | 16.0 B | 20 |

Test number: 333/04K

| Film RA2/B | Part-No. | Kg | Unit |
|-----------------------------------|----------|--------|------|
| without lamp adapter, red / white | 33420K2 | 14.5 B | 20 |
| with lamp adapter, red / white | 33420KA2 | 16.0 B | 20 |

Test number: 333/04K

Formwork

| Film RA1/A | Part-No. | Kg | Unit |
|------------------------------------|----------|--------|------|
| without lamp adapter, red / yellow | 33420KSK | 14.5 B | 20 |

| Film RA2/B | Part-No. | Kg | Unit |
|------------------------------------|-----------|--------|------|
| without lamp adapter, red / yellow | 33420K2SK | 14.5 B | 20 |

| Film RA2/BC | Part-No. | Kg | Unit |
|------------------------------------|-----------|--------|------|
| without lamp adapter, red / yellow | 33420K3SK | 14.5 B | 20 |

| Without film | Part-No. | Kg | Unit |
|----------------------|------------|--------|------|
| without lamp adapter | 33420K-OF | 14.0 B | 20 |
| with lamp adapter | 33420KA-OF | 16.0 B | 20 |

Building support safety



Rely on our experience!

Storage - transport



Higher stability and less weight due to optimum use of materials

Building site installation



Integrated carrying handle for better handling

Barrier free construction site



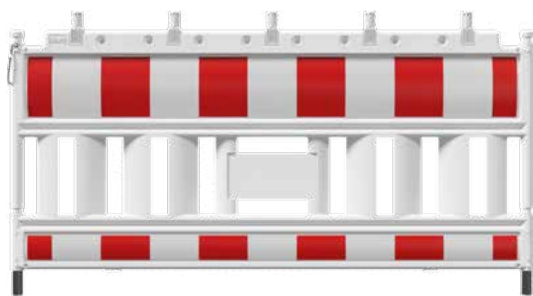
The vertical tube running the full length from top to bottom, provides extra stability



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
- sticker advertising area
- sticker film
- imprinted logo



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 |
|-----------------------------------|----------|-------------------|------|
| without lamp adapter, red / white | 33520K | 12.5 ^B | 20 |
| with lamp adapter, red / white | 33520KA | 14.0 ^B | 20 |

Test number: 333/04K

| Film RA2/B | Part-No. | Kg | Unit |
|-----------------------------------|----------|-------------------|------|
| without lamp adapter, red / white | 33520K2 | 12.5 ^B | 20 |
| with lamp adapter, red / white | 33520KA2 | 14.0 ^B | 20 |

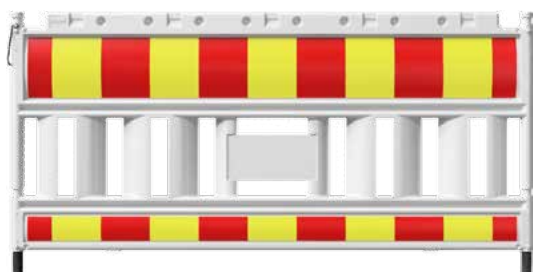
Test number: 333/04K

| Film RA1/A | Part-No. | Kg | Unit |
|------------------------------------|----------|-------------------|------|
| without lamp adapter, red / yellow | 33520KSK | 12.5 ^B | 20 |

| Film RA2/B | Part-No. | Kg | Unit |
|------------------------------------|-----------|-------------------|------|
| without lamp adapter, red / yellow | 33520K2SK | 12.5 ^B | 20 |

| Film RA2/C | Part-No. | Kg | Unit |
|------------------------------------|-----------|-------------------|------|
| without lamp adapter, red / yellow | 33520K3SK | 12.5 ^B | 20 |

| Without film | Part-No. | Kg | Unit |
|----------------------|------------|-------------------|------|
| without lamp adapter | 33520K-OF | 12.5 ^B | 20 |
| with lamp adapter | 33520KA-OF | 14.0 ^B | 20 |



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

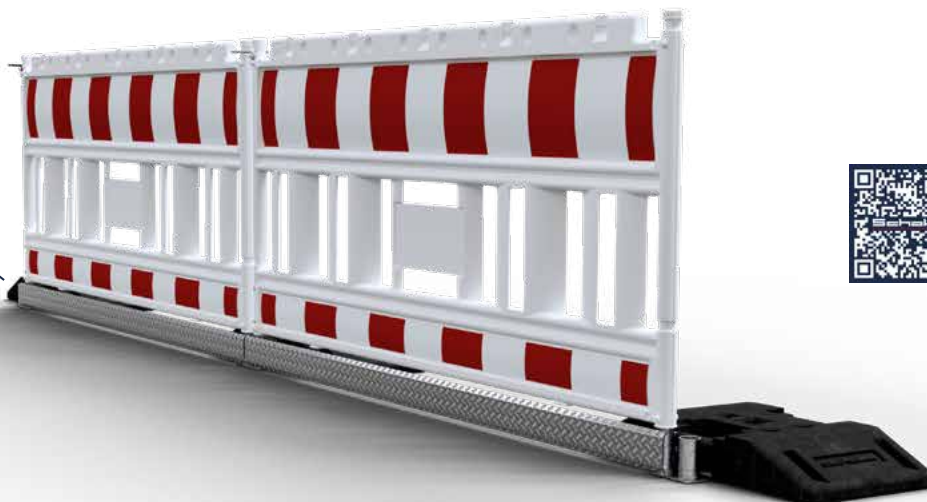
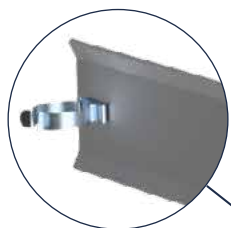
| | Part-No. | Kg | Unit |
|-----------|----------|------------------|------|
| aluminium | 3199B | 2.4 ^B | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 3199F | 3.6 ^A | 1 |



Traffic safety

Infrastructure building

Mobile fence

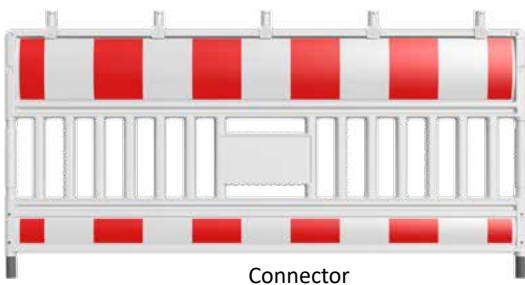
Formwork

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 |
|-----------------------------------|----------|-------------------|------|
| without lamp adapter, red / white | 33620K | 9.0 ^B | 20 |
| with lamp adapter, red / white | 33620KA | 10.5 ^B | 20 |

test number: 333/06K

| With film RA2/B | Part-No. | Kg | Unit |
|-----------------------------------|----------|-------------------|------|
| without lamp adapter, red / white | 33620K2 | 9.0 ^B | 20 |
| with lamp adapter, red / white | 33620KA2 | 10.5 ^B | 20 |

test number: 333/06K

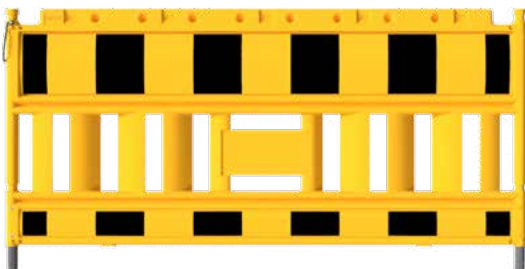


| With film RA1/A | Part-No. | Kg | Unit |
|------------------------------------|----------|------------------|------|
| without lamp adapter, red / yellow | 33620KSK | 9.0 ^B | 20 |

| With film RA2/B | Part-No. | Kg | Unit |
|------------------------------------|-----------|------------------|------|
| without lamp adapter, red / yellow | 33620K2SK | 9.0 ^B | 20 |

| With film RA2/C | Part-No. | Kg | Unit |
|------------------------------------|-----------|------------------|------|
| without lamp adapter, red / yellow | 33620K3SK | 9.0 ^B | 20 |

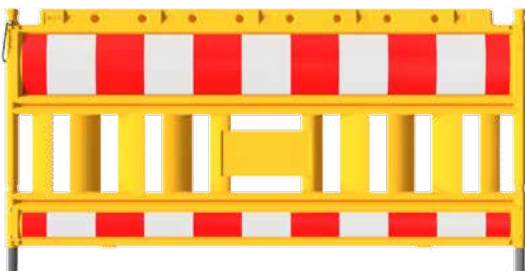
| Without film | Part-No. | Kg | Unit |
|----------------------|------------|-------------------|------|
| without lamp adapter | 33620K-OF | 9.0 ^B | 20 |
| with lamp adapter | 33620KA-OF | 10.5 ^B | 20 |



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

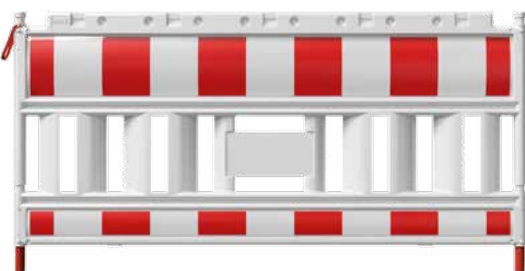
| | Part-No. | Kg | Unit |
|--------------------------------------|-----------|-------------------|------|
| without lamp adapter, yellow / black | 33420K-I | 14.5 ^B | 20 |
| with lamp adapter, yellow / black | 33420KA-I | 16.0 ^B | 20 |



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 |
|-----------------------------------|-----------|-------------------|------|
| without lamp adapter, red / white | 33420K-G | 14.5 ^B | 20 |
| with lamp adapter, red / white | 33420KA-G | 16.0 ^B | 20 |

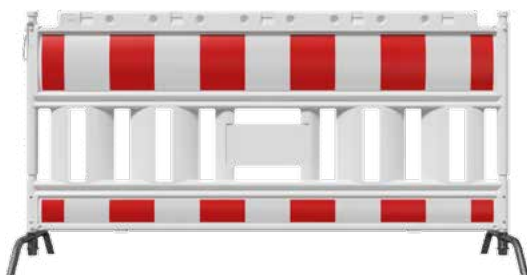


Schake-Euro2 panel fence, type ELEKTRO

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 |
|-----------------------------------|----------|-------------------|-----|
| without lamp adapter, red / white | 33420KE | 12.5 ^B | 20 |
| with lamp adapter, red / white | 33420KAE | 14.0 ^B | 20 |



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 |
|-----------------------------------|----------|-------------------|------|
| without lamp adapter, red / white | 33420KF | 18.0 ^B | 20 |

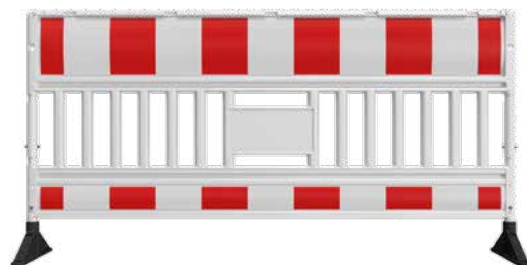


Schake-Euro panel fence

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 |
|--------------------------------------|----------|-------------------|------|
| length: 1.20 m, without lamp adapter | 33312K | 8.0 ^B | 20 |
| length: 1.20 m, with lamp adapter | 33312KA | 8.5 ^B | 20 |
| length: 1.60 m, without lamp adapter | 33316K | 10.0 ^B | 20 |
| length: 1.60 m, with lamp adapter | 33316KA | 11.0 ^B | 20 |
| length: 2.40 m, without lamp adapter | 33324K | 14.0 ^C | 20 |
| length: 2.40 m, with lamp adapter | 33324KA | 16.0 ^C | 20 |

| With film Typ RA2/B | Part-No. | Kg | Unit |
|-------------------------------------|----------|-------------------|------|
| length: 1.20 m without lamp adapter | 33312K2 | 8.0 ^B | 20 |
| length: 1.60 m without lamp adapter | 33316K2 | 10.0 ^B | 20 |
| length: 2.40 m without lamp adapter | 33324K2 | 14.0 ^C | 20 |



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 |
|---------------------------------|----------|-------------------|------|
| with film RA1/A, red / white | 33620KF | 15.0 ^B | 20 |
| with film RA1/A, black / yellow | 33621KF | 15.0 ^B | 20 |



Connector

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

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 33328 | 0.1 ^A | 50 |



Adapter for panel fence to TL

for all common lamp types, incl. locking screw

| | Part-No. | Kg | Unit |
|---------------------|----------|------------------|------|
| plastic, type NOX | 33325 | 0.1 ^A | 100 |
| plastic, type ULTRA | 33325-1 | 0.1 ^A | 100 |



Connecting clamp

for all traffic panel types, incl. screw closure

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 3VB20 | 0.5 ^A | 20 |

Traffic safety

Infrastructure building

Mobile fence

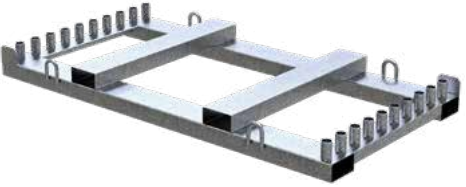
Formwork

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 |
|----------------------|----------------|---------|------|
| without lamp adapter | 33420K-32000 | 370.0 B | 1 |
| with lamp adapter | 33420KA-32000 | 400.0 B | 1 |
| without lamp adapter | 33420K2-32000 | 370.0 B | 1 |
| with lamp adapter | 33420KA2-32000 | 400.0 B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|----------------|---------|---|
| without lamp adapter | 33520K-32000 | 330.0 B | 1 |
| with lamp adapter | 33520KA-32000 | 344.0 B | 1 |
| without lamp adapter | 33520K2-32000 | 330.0 B | 1 |
| with lamp adapter | 33520KA2-32000 | 344.0 B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|----------------|---------|---|
| without lamp adapter | 33620K-32000 | 260.0 B | 1 |
| with lamp adapter | 33620KA-32000 | 290.0 B | 1 |
| without lamp adapter | 33620K2-32000 | 260.0 B | 1 |
| with lamp adapter | 33620KA2-32000 | 290.0 B | 1 |

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 |
|----------------------|----------------|---------|------|
| without lamp adapter | 33420K-32003 | 330.0 B | 1 |
| with lamp adapter | 33420KA-32003 | 360.0 B | 1 |
| without lamp adapter | 33420K2-32003 | 330.0 B | 1 |
| with lamp adapter | 33420KA2-32003 | 360.0 B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|----------------|---------|---|
| without lamp adapter | 33520K-32003 | 290.0 B | 1 |
| with lamp adapter | 33520KA-32003 | 304.0 B | 1 |
| without lamp adapter | 33520K2-32003 | 290.0 B | 1 |
| with lamp adapter | 33520KA2-32003 | 304.0 B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

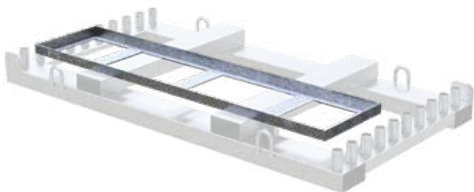
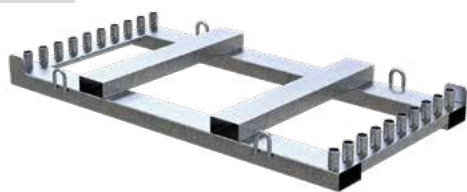
| | | | |
|----------------------|----------------|---------|---|
| without lamp adapter | 33620K-32003 | 220.0 B | 1 |
| with lamp adapter | 33620KA-32003 | 250.0 B | 1 |
| without lamp adapter | 33620K2-32003 | 220.0 B | 1 |
| with lamp adapter | 33620KA2-32003 | 250.0 B | 1 |



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 |
|----------------------|------------------|--------------------|------|
| without lamp adapter | 33420K-32001-0 | 357.0 ^B | 1 |
| with lamp adapter | 33420KA-32001-0 | 387.0 ^B | 1 |
| without lamp adapter | 33420K2-32001-0 | 357.0 ^B | 1 |
| with lamp adapter | 33420KA2-32001-0 | 387.0 ^B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|------------------|--------------------|---|
| without lamp adapter | 33520K-32001-0 | 308.0 ^B | 1 |
| with lamp adapter | 33520KA-32001-0 | 322.0 ^B | 1 |
| without lamp adapter | 33520K2-32001-0 | 308.0 ^B | 1 |
| with lamp adapter | 33520KA2-32001-0 | 322.0 ^B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|------------------|--------------------|---|
| without lamp adapter | 33620K-32001-0 | 347.0 ^B | 1 |
| with lamp adapter | 33620KA-32001-0 | 387.0 ^B | 1 |
| without lamp adapter | 33620K2-32001-0 | 347.0 ^B | 1 |
| with lamp adapter | 33620KA2-32001-0 | 387.0 ^B | 1 |

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 |
|----------------------------|----------|-------------------|------|
| length: 2.00 m, galvanized | 32000 | 80.0 ^B | 1 |
| length: 2.40 m, galvanized | 32400 | 90.0 ^C | 1 |

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

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 32000-A | 27.0 ^B | 1 |

Storage and transport pallet type L

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

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 32003 | 40.3 ^B | 1 |

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

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 32001-0 | 58.0 ^B | 1 |

Traffic safety

Infrastructure building

Mobile fence

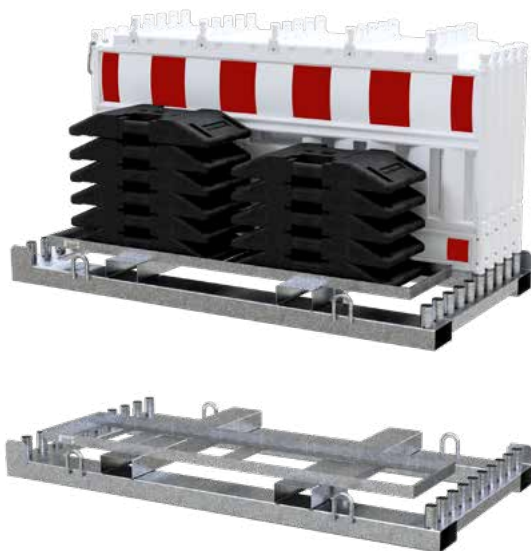
Formwork

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 |
|----------------------|---------------|---------|------|
| without lamp adapter | 33420K-SET1 | 549.0 B | 1 |
| with lamp adapter | 33420KA-SET1 | 556.0 B | 1 |
| without lamp adapter | 33420K2-SET1 | 549.0 B | 1 |
| with lamp adapter | 33420KA2-SET1 | 556.0 B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|---------------|---------|---|
| without lamp adapter | 33520K-SET1 | 542.0 B | 1 |
| with lamp adapter | 33520KA-SET1 | 549.0 B | 1 |
| without lamp adapter | 33520K2-SET1 | 542.0 B | 1 |
| with lamp adapter | 33520KA2-SET1 | 549.0 B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|---------------|---------|---|
| without lamp adapter | 33620K-SET1 | 507.0 B | 1 |
| with lamp adapter | 33620KA-SET1 | 514.0 B | 1 |
| without lamp adapter | 33620K2-SET1 | 507.0 B | 1 |
| with lamp adapter | 33620KA2-SET1 | 514.0 B | 1 |

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

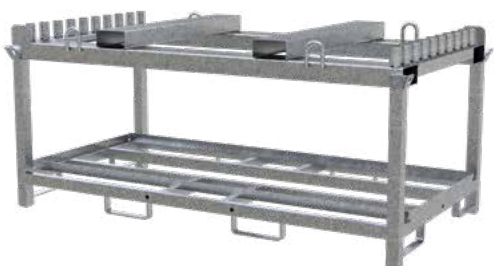
| | Part-No. | Kg | Unit |
|----------------------|---------------|----------|------|
| without lamp adapter | 33420K-SET2 | 1035.0 B | 1 |
| with lamp adapter | 33420KA-SET2 | 1042.0 B | 1 |
| without lamp adapter | 33420K2-SET2 | 1035.0 B | 1 |
| with lamp adapter | 33420KA2-SET2 | 1042.0 B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|---------------|----------|---|
| without lamp adapter | 33520K-SET2 | 1003.0 B | 1 |
| with lamp adapter | 33520KA-SET2 | 1017.0 B | 1 |
| without lamp adapter | 33520K2-SET2 | 1003.0 B | 1 |
| with lamp adapter | 33520KA2-SET2 | 1017.0 B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|---------------|---------|---|
| without lamp adapter | 33620K-SET2 | 933.0 B | 1 |
| with lamp adapter | 33620KA-SET2 | 947.0 B | 1 |
| without lamp adapter | 33620K2-SET2 | 933.0 B | 1 |
| with lamp adapter | 33620KA2-SET2 | 947.0 B | 1 |





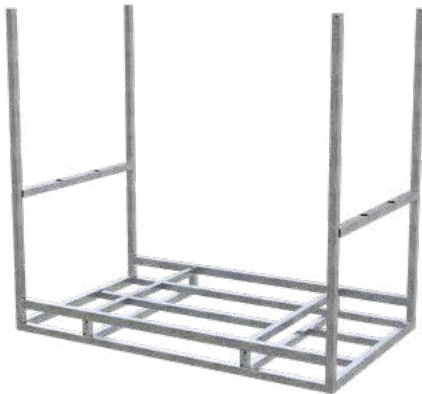
Panel fence SET 3

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 |
|----------------------|---------------|--------------------|------|
| without lamp adapter | 33420K-SET3 | 950.0 ^B | 1 |
| with lamp adapter | 33420KA-SET3 | 957.0 ^B | 1 |
| without lamp adapter | 33420K2-SET3 | 950.0 ^B | 1 |
| with lamp adapter | 33420KA2-SET3 | 957.0 ^B | 1 |



Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|---------------|--------------------|---|
| without lamp adapter | 33520K-SET3 | 898.0 ^B | 1 |
| with lamp adapter | 33520KA-SET3 | 912.0 ^B | 1 |
| without lamp adapter | 33520K2-SET3 | 898.0 ^B | 1 |
| with lamp adapter | 33520KA2-SET3 | 912.0 ^B | 1 |

Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|---------------|--------------------|---|
| without lamp adapter | 33620K-SET3 | 528.0 ^B | 1 |
| with lamp adapter | 33620KA-SET3 | 542.0 ^B | 1 |
| without lamp adapter | 33620K2-SET3 | 528.0 ^B | 1 |
| with lamp adapter | 33620KA2-SET3 | 542.0 ^B | 1 |



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 |
|----------------------|---------------|---------------------|------|
| without lamp adapter | 33420K-SET4 | 1016.0 ^B | 1 |
| with lamp adapter | 33420KA-SET4 | 1023.0 ^B | 1 |
| without lamp adapter | 33420K2-SET4 | 1016.0 ^B | 1 |
| with lamp adapter | 33420KA2-SET4 | 1023.0 ^B | 1 |

Set variant with Schake-Euro2 panel fence type NOX Light

| | | | |
|----------------------|---------------|---------------------|---|
| without lamp adapter | 33520K-SET4 | 974.7 ^B | 1 |
| with lamp adapter | 33520KA-SET4 | 1004.0 ^B | 1 |
| without lamp adapter | 33520K2-SET4 | 974.7 ^B | 1 |
| with lamp adapter | 33520KA2-SET4 | 1004.0 ^B | 1 |



Set variant with Schake-Euro3 panel fence type Ultra

| | | | |
|----------------------|---------------|--------------------|---|
| without lamp adapter | 33620K-SET4 | 974.7 ^B | 1 |
| with lamp adapter | 33620KA-SET4 | 974.7 ^B | 1 |
| without lamp adapter | 33620K2-SET4 | 974.7 ^B | 1 |
| with lamp adapter | 33620KA2-SET4 | 974.7 ^B | 1 |

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

Infrastructure building



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 |
|------------|----------|---------|------|
| galvanized | 32000T | 126.3 B | 1 |

i also available as finish packed set

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

Formwork



| | Part-No. | Kg | Unit |
|------------|----------|--------|------|
| galvanized | 3B219V | 60.0 B | 1 |

i also available as finish packed set

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 |
|------------|----------|--------|------|
| galvanized | 3B214 | 85.0 B | 1 |

i also available as finish packed set

Storage - transport



Building site installation



Shaft tube adaptation

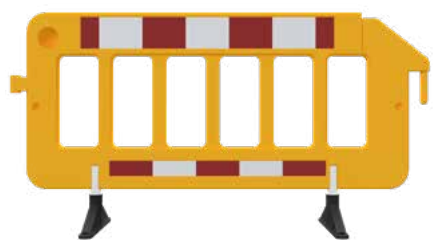
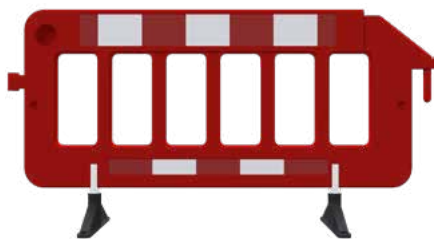
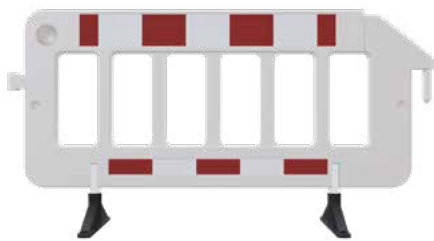
for storage and transport rack (part-no. 3B214) the adaptation is simply being hooked in the rack, a safe storage and transport is possible, the shaft tubes are secured against slipping and falling out by this adaption

| | Part-No. | Kg | Unit |
|------------|----------|--------|------|
| galvanized | 3B214-1 | 12.0 B | 2 |

Barrier-free construction site



i SET



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 |
|------------------------------------|---------------|-------------------|------|
| white corpus | | | |
| without film | 33320KRF | 12.5 ^B | 20 |
| with film type RA1/A, red/white | 33320KDRF | 13.0 ^B | 20 |
| with film type RA2/B, red/white | 33320KDRF2 | 13.0 ^B | 20 |
| with film type RA1/A, red/yellow | 33320KDRFSK | 13.0 ^B | 20 |
| with film type RA1/A, yellow/black | 33321KDRF | 13.0 ^B | 20 |
| red corpus | | | |
| without film | 33320KRF-R | 12.5 ^B | 20 |
| with film type RA1/A, red/white | 33320KDRF-R | 13.0 ^B | 20 |
| with film type RA2/B, red/white | 33320KDRF2-R | 13.0 ^B | 20 |
| with film type RA1/A, red/yellow | 33320KDRFSK-R | 13.0 ^B | 20 |
| with film type RA1/A, yellow/black | 33321KDRF-R | 13.0 ^B | 20 |
| yellow corpus | | | |
| without film | 33320KRF-G | 12.5 ^B | 20 |
| with film type RA1/A, red/white | 33320KDRF-G | 13.0 ^B | 20 |
| with film type RA2/B, red/white | 33320KDRF2-G | 13.0 ^B | 20 |
| with film type RA1/A, red/yellow | 33320KDRFSK-G | 13.0 ^B | 20 |
| with film type RA1/A, yellow/black | 33321KDRF-G | 13.0 ^B | 20 |

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 |
|------------|-----------|-------------------|------|
| galvanized | 32000KDRF | 53.5 ^B | 1 |

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 |
|---------------|--------------------|------|
| 33320KDRF-SET | 313.5 ^B | 1 |



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 |

| | |
|---------------------|-------------------------------------|
| per terminal | |
| RFID-HANDSCANNER | RFID UHF hand reader incl. handle |
| RFID-GERÄTKONFIG | Software configuration per terminal |

Operating costs per month

| | |
|---------------|--|
| system | |
| RFID-LIZENZ | Software hosting, maintenance, updates, system fee |

Terminal licences

| | |
|-------------|--|
| RFID-LIZEGA | Licence costs per terminal with number of terminals 1-5 |
| RFID-LIZEGB | Licence costs per terminal with number of terminals 6-10 |
| RFID-LIZEGC | Licence costs per terminal with number of terminals 11-25 |
| RFID-LIZEGD | Licence costs per terminal with number of terminals 26-50 |
| RFID-LIZEGE | Licence costs per terminal with number of terminals 51-100 |

Terminal Support Hotline

| | |
|-------------|--|
| RFID-WAREGA | Support hotline per terminal with number of terminals 1-5 |
| RFID-WAREGB | Support hotline per terminal with number of terminals 6-10 |
| RFID-WAREGC | Support hotline per terminal with number of terminals 11-25 |
| RFID-WAREGD | Support hotline per terminal with number of terminals 26-50 |
| RFID-WAREGE | Support hotline per terminal with number of terminals 51-100 |

SIM card

| | |
|----------|-------------------|
| RFID-SIM | SIM card per unit |
|----------|-------------------|



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 |
|------------------------|-----------------------|-------------------|------|
| without lamp adapter | 33420K-S-RFID-SCHAKE | 14.5 ^B | 20 |
| with lamp adapter | 33420KA-S-RFID-SCHAKE | 16.0 ^B | 20 |

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 |
|-----------------------------------|--------------|------------------|------|
| light exits on both sides, yellow | 33NOXG2-RFID | 1.0 ^A | 10 |
| light exits on one side, red | 33NOXR1-RFID | 1.0 ^A | 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 |
|---------------------------------------|--------------|------------------|------|
| on both sides indicating right / left | 36NOX-RFID | 4.7 ^A | 60 |
| on one side indicating left | 36NOXL-RFID | 4.7 ^A | 60 |
| on one side indicating right | 36NOXR-RFID | 4.7 ^A | 60 |
| on both sides indicating left | 36NOXLL-RFID | 4.7 ^A | 60 |
| on both sides indicating right | 36NOXRR-RFID | 4.7 ^A | 60 |

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 |
|---------------------------|---------------------|-------------------|------|
| recycled plastic material | 31NOX-S-RFID-SCHAKE | 30.0 ^S | 30 |





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

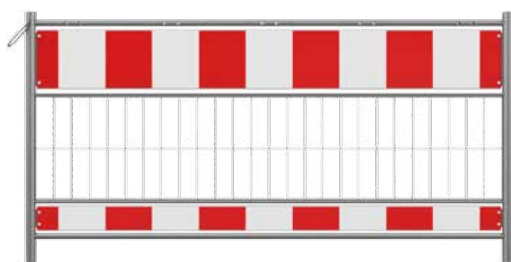
| | Part-No. | Kg | Unit |
|--------------------------------|----------|------------------|------|
| length: 1.60 m, height: 100 mm | 32016 | 2.5 ^B | 2 |
| length: 2.00 m, height: 100 mm | 32020 | 3.5 ^B | 2 |
| length: 2.40 m, height: 100 mm | 32024 | 4.5 ^C | 2 |
| length: 1.60 m, height: 250 mm | 33162 | 5.0 ^B | 2 |
| length: 2.00 m, height: 250 mm | 33202 | 6.0 ^B | 2 |
| length: 2.40 m, height: 250 mm | 33242 | 7.0 ^C | 2 |



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 |
|------------|----------|------------------|------|
| galvanized | 35110 | 5.0 ^B | 10 |



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

| red / white, film RA1/A | Part-No. | Kg | Unit |
|-------------------------|----------|-------------------|------|
| length: 1.60 m | 33316 | 19.0 ^B | 20 |
| length: 2.00 m | 33320 | 24.0 ^B | 20 |
| length: 2.40 m | 33324 | 28.0 ^C | 20 |

| red / white, film RA2/B | Part-No. | Kg | Unit |
|-------------------------|----------|-------------------|------|
| length: 1.60 m | 333162 | 19.0 ^B | 20 |
| length: 2.00 m | 333202 | 24.0 ^B | 20 |
| length: 2.40 m | 333242 | 28.0 ^C | 20 |

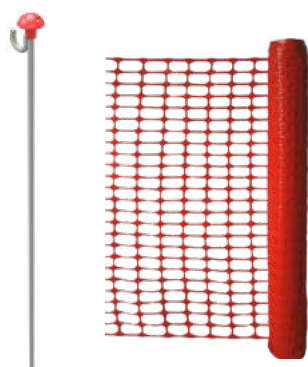
| red / yellow, film RA1/A | Part-No. | Kg | Unit |
|--------------------------|----------|-------------------|------|
| length: 1.60 m | 33316SK | 19.0 ^B | 20 |
| length: 2.00 m | 33320SK | 24.0 ^B | 20 |
| length: 2.40 m | 33324SK | 28.0 ^C | 20 |

| red / yellow, film RA2/B | Part-No. | Kg | Unit |
|--------------------------|----------|-------------------|------|
| length: 1.60 m | 333162SK | 19.0 ^B | 20 |
| length: 2.00 m | 333202SK | 24.0 ^B | 20 |
| length: 2.40 m | 333242SK | 28.0 ^C | 20 |

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

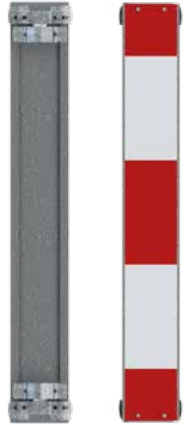
| | Part-No. | Kg | Unit |
|---|----------|------------------|------|
| plastic | 35700 | 6.5 ^A | 1 |
| holder for safety fence 1.20 m long, \varnothing 14 mm with impact protection | 35700P | 1.6 ^A | 1 |



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 |
|----------|-----|------|
| 632020 | 2.2 | 1 |



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 Ø 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 |
|---------------------|----------|-------------------|------|
| 1.00 m wide, 2-part | 35600 | 30.0 ^A | 1 |
| 1.20 m wide, 2-part | 35620 | 32.0 ^B | 1 |

Infrastructure building

Mobile fence



Shaft safety guards acc. to TL

for safety of shaft work and on other sites, galvanised tubular steel frame, made of Ø 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 |
|-----------------------|----------|-------------------|------|
| 1.00 x 1.00 m, 2-part | 34600 | 40.0 ^B | 1 |
| 1.60 x 1.60 m, 2-part | 34601 | 58.0 ^B | 1 |
| 2.00 x 2.00 m, 2-part | 34602 | 70.0 ^B | 1 |

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



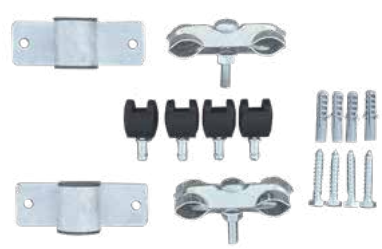
Folding barrier

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 |
|---|----------|-------------------|------|
| can be extended to 2.50 m, red / white | 35500 | 12.0 ^B | 1 |
| can be extended to 3.50 m, red / white | 35510 | 14.0 ^B | 1 |
| can be extended to 2.50 m, yellow / black | 35500-l | 12.0 ^B | 1 |
| can be extended to 3.50 m, yellow / black | 35510-l | 14.0 ^B | 1 |

Building site installation

Barrier free construction site



Accessories bag for folding barrier

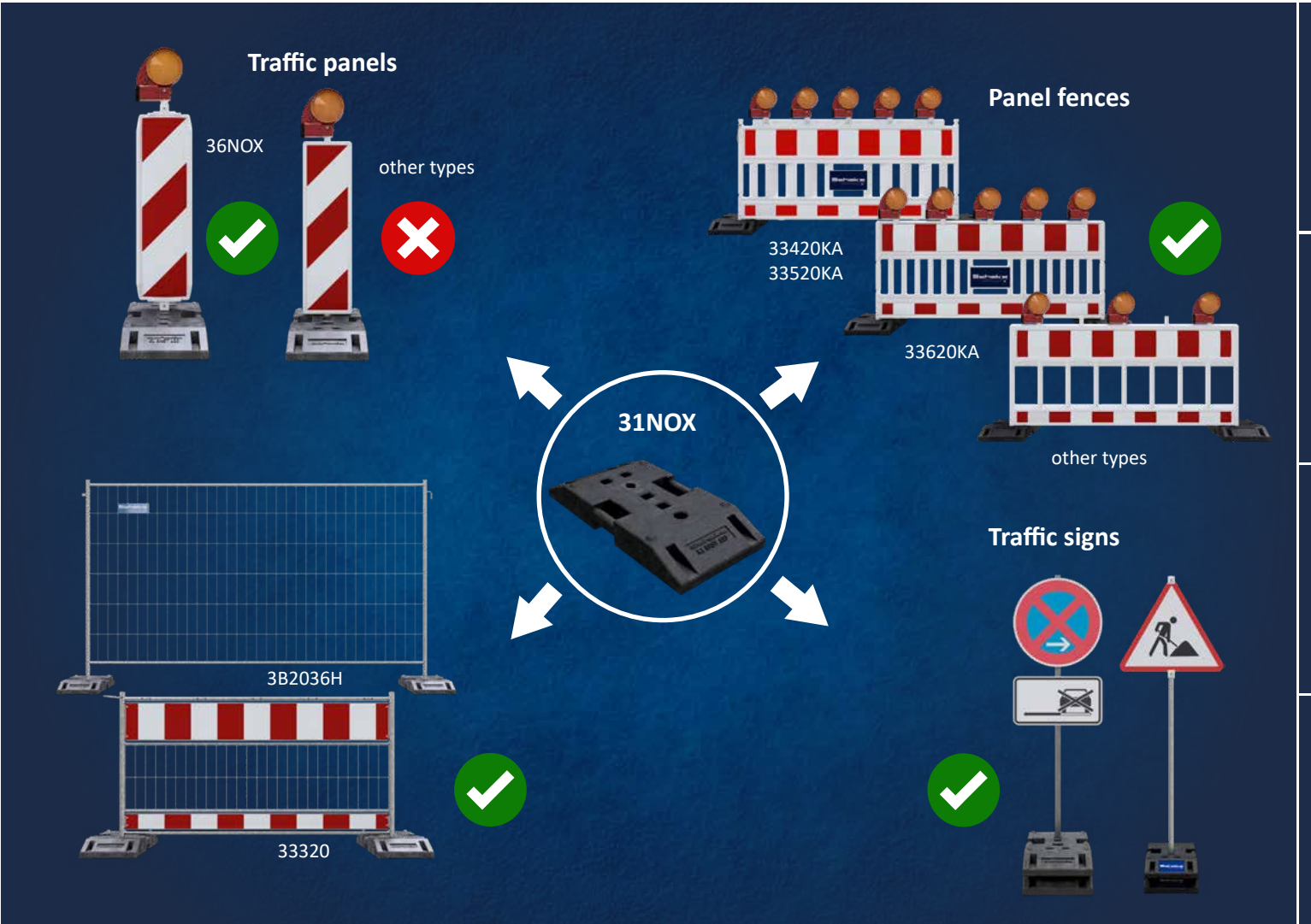
consists of: 2 x adapter 35500A, 2 x clip 35500S, 4 x roll 35500R and 2 sets of screws

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 35500Z | 2.0 ^A | 1 |

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 |
|---------------------------------------|----------|--------|------|
| with insert for BAST traffic panel | 31NOX | 30.0 s | 30 |
| without insert for BAST traffic panel | 31NOX-0 | 30.0 s | 30 |



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 |
|-------------------|----------|--------|------|
| plastic recycling | 31991 | 28.0 s | 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 |
|-------------------|----------|--------|------|
| plastic recycling | 31991-0 | 28.0 s | 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 |
|-------------------|----------|--------|------|
| plastic recycling | 31994 | 38.0 s | 20 |



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 |
|-------------------|----------|--------|------|
| plastic recycling | 31993 | 25.0 s | 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 |
|------------------------|----------|--------|------|
| with pocket 60 x 60 mm | 38000 | 12.0 s | 60 |
| with pocket 40 x 40 mm | 38040 | 12.0 s | 60 |



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



31996-2

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

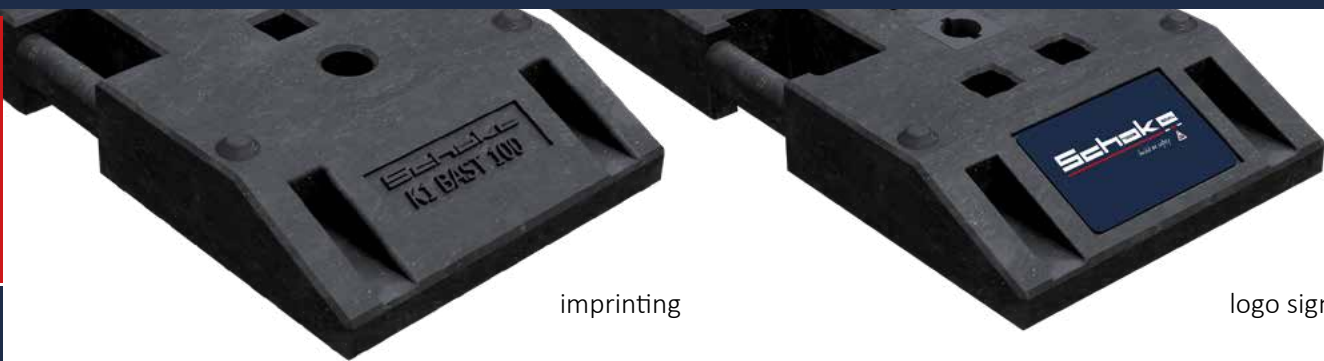


Trolley for base plates

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

| | Part-No. | Kg | Unit |
|------------|----------|------|------|
| galvanized | 51903 | 15.5 | 1 |

Traffic safety



imprinting

logo sign

Infrastructure building

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.

Mobile fence

| | Part-No. | Kg | Unit |
|------------|------------|------------------|------|
| logo sign | FPS-Logo | 0.1 ^A | 30 |
| imprinting | on request | 0.1 ^A | |

Formwork

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 |
|--------------------------------------|----------|-------------------|------|
| dimensions: 1.40 m x 0.73 m x 1.06 m | | | |
| painted | 50381-0 | 38.9 ^B | 1 |
| galvanized | 50381V-0 | 38.9 ^B | 1 |

| for 30 base plates | Part-No. | Kg | Unit |
|--------------------------------------|--------------|-------------------|------|
| dimensions: 1.40 m x 0.73 m x 1.31 m | | | |
| painted | 50381-115-0 | 42.2 ^B | 1 |
| galvanized | 50381V-115-0 | 42.2 ^B | 1 |

Building support safety

Storage - transport

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 |
|------------|----------|-------------------|------|
| galvanized | 3B214 | 85.0 ^B | 1 |

Building site installation

Barrier free construction site

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 |
|-----------------------|----------|------------------|------|
| yellow optical system | 31211G | 1.1 ^A | 10 |
| red optical system | 31211R | 1.1 ^A | 10 |



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 |
|-------------------|----------|------------------|------|
| yellow 360° lense | 31210G | 1.0 ^A | 5 |
| red 360° lense | 31210R | 1.0 ^A | 5 |



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 |
|-----------------------------------|----------|------------------|------|
| light exits on one side, yellow | 33NOXG1 | 1.0 ^A | 10 |
| light exits on both sides, yellow | 33NOXG2 | 1.0 ^A | 10 |
| light exits on one side, red | 33NOXR1 | 1.0 ^A | 10 |
| light exits on both sides, red | 33NOXR2 | 1.0 ^A | 10 |



i 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 |
|---------|----------|------------------|------|
| plastic | 31211S | 0.1 ^A | 10 |





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 |
|---------------------|----------|------------------|------|
| zinc-carbon battery | 3B37 | 0.5 ^A | 24 |



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 |
|--------------|----------|------------------|------|
| zinc battery | 3B50 | 0.7 ^A | 12 |



Battery box

suitable for 2 x 6 volt batteries

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 3B30 | 0.5 ^A | 1 |



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 |
|---------------------------------|----------|------------------|------|
| light exits on one side, yellow | 33NOX-R | 1.0 ^A | 10 |



with radio frequency

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



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 |
|------------|----------|-------------------|------|
| galvanized | 35100V | 10.0 ^A | 5 |



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 |
|------------|----------|-------------------|------|
| galvanized | 35304 | 16.4 ^B | 5 |



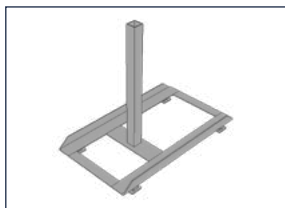
Sign holder acc. to TL type „Provinz“

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



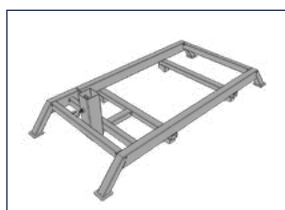
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 35304-1 | 14.0 ^B | 5 |



Sign holder acc. to TL type „Road“

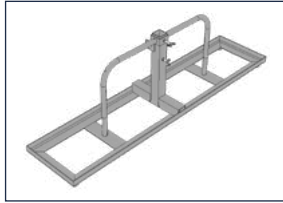
for shaft tubes of 40 mm x 40 mm and 60 mm x 60 mm. The shaft tubes can be held securely by 2 adjusting screws. Up to 4 base plates can be held. The ground clearance of approx. 90mm allows for a quick handling, including assembly. For stable positioning the base frame stands on 4 points which can be 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 |
|------------|----------|-------------------|------|
| galvanized | 35304-2 | 17.4 ^B | 5 |

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 |
|------------|----------|-------------------|------|
| galvanized | 35301 | 23.0 ^B | 5 |



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 |
|------------|----------|-------------------|------|
| galvanized | 35301-1 | 34.5 ^B | 5 |



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 |
|------------|----------|-------------------|------|
| galvanized | 35304S | 33.0 ^B | 5 |



Holder for feet

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 35301NH | 2.0 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 35301-F | 1.0 ^A | 4 |



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 |
|-----------------------------------|----------|---------------------|------|
| 800 x 800, height 490 mm, 600 Kg | 3F120 | 600.0 ^s | 1 |
| 900 x 900, height 600 mm, 1000 Kg | 3F121 | 1000.0 ^s | 1 |



i Please ask for individual painting in RAL-colors!



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 |
|------------------------------|----------|------------------|------|
| plastic | ASV-LOGO | 0.5 ^A | 24 |
| plastic with film type RA1/A | ASV-605 | 0.5 ^A | 24 |



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 |
|------------|----------|------------------|------|
| galvanized | 3F120-1 | 4.0 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 3F120-1K | 7.0 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 70670N | 2.5 ^A | 4 |



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 |
|------------|----------|------------------|------|
| galvanized | 35362 | 2.4 ^A | 10 |

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 |
|------------|----------|-------------------|------|
| galvanized | 35360 | 21.0 ^D | 10 |

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 |
|--|-----------|---------------------|------|
| | 35362-SET | 1026.0 ^D | 10 |

Sign holder

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

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 35361 | 3.0 ^A | 20 |

Lattice tower for concrete set up device

with welded base plates on the \varnothing 48 x 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 |
|------------|----------|-------------------|------|
| galvanized | 353016 | 73.0 ^D | 1 |

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

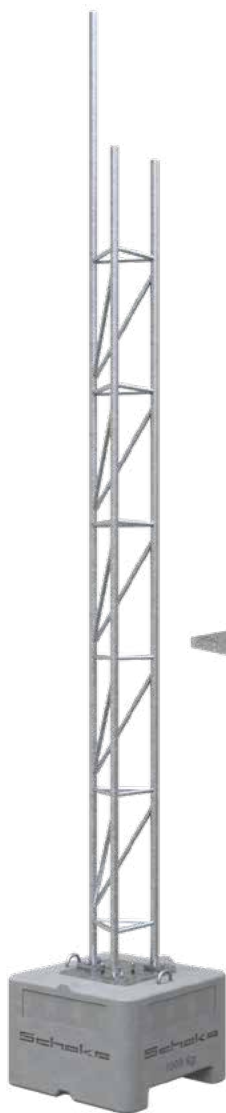
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 3F120-2 | 33.0 ^B | 1 |

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 |
|--|------------|---------------------|------|
| | 353016-SET | 1100.0 ^D | 1 |



Traffic safety

Infrastructure building

Mobile fence

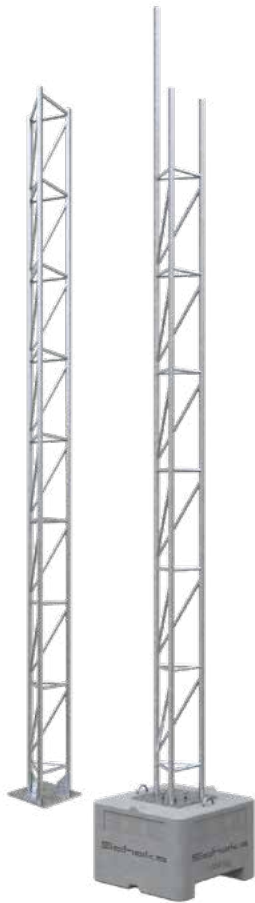
Formwork

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 |
|---|----------|--------------------|------|
| total length: 6150 mm, galvanised, Ø 48 x 3,2 mm, incl. extended tube | 353017 | 110.0 ^D | 1 |
| total length: 6000 mm, galvanised, Ø 48 x 5,0 mm | 353019 | 178.0 ^D | 1 |

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 |
|------------|---------------------|------|
| 353017-SET | 1100.0 ^D | 1 |

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 |
|---------|----------|-------------------|------|
| 3200 mm | 353216 | 30.9 ^C | 1 |
| 4200 mm | 354216 | 39.9 ^D | 1 |
| 5200 mm | 355216 | 49.0 ^D | 1 |
| 6200 mm | 356216 | 58.1 ^D | 1 |
| 7300 mm | 357216 | 67.9 ^D | 1 |



Rotary coupler

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

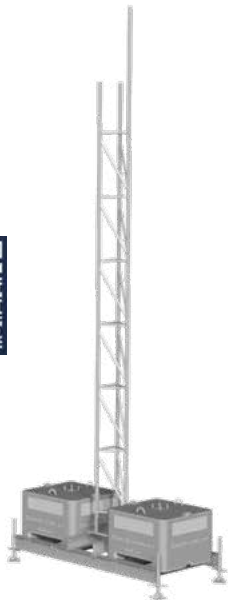
| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 3F120-5 | 1.3 ^A | 1 |

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 |
|------------|----------|--------------------|------|
| galvanized | 35350 | 192.0 ^B | 1 |



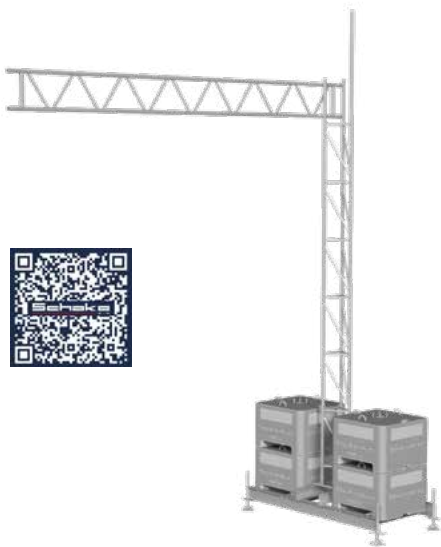
Set up device for lattice tower

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 |
|------------|----------|------|
| 35350-SETM | 2300.0 ▽ | 1 |

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 |
|------------------------------|-------------|----------|------|
| steel lattice girder 3200 mm | 35350-SETF3 | 4340.0 ▽ | 1 |
| steel lattice girder 4200 mm | 35350-SETF4 | 4350.0 ▽ | 1 |
| steel lattice girder 5200 mm | 35350-SETF5 | 4360.0 ▽ | 1 |

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 |
|------------------------------|-------------|----------|------|
| steel lattice girder 5200 mm | 35350-SETB5 | 8665.0 ▽ | 1 |
| steel lattice girder 6200 mm | 35350-SETB6 | 8680.0 ▽ | 1 |
| steel lattice girder 7300 mm | 35350-SETB7 | 8690.0 ▽ | 1 |

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 |
|------------|----------|-------------------|------|
| galvanized | 35300 | 11.0 ^B | 10 |

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 |
|------------|----------|-------------------|------|
| galvanized | 35312 | 10.0 ^B | 20 |

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 |
|------------|----------|------------------|------|
| galvanized | 35302 | 5.0 ^A | 10 |

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 |
|------------|----------|------------------|------|
| galvanized | 35303 | 8.0 ^A | 10 |

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

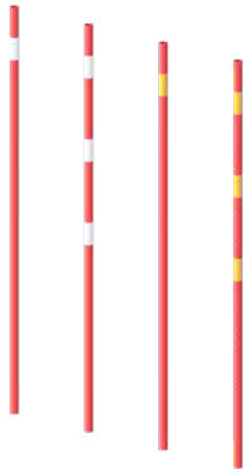
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 35308N | 11.0 ^A | 10 |

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 |
|------------------------|----------|-------------------|------|
| powder-coated in black | 35309S | 19.0 ^A | 10 |





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 |
|------------------|----------|------------------|------|
| 1 white stripe | 3902W1 | 3.0 ^B | 10 |
| 3 white stripes | 3902W3 | 3.0 ^B | 10 |
| 1 yellow stripe | 3902G1 | 3.0 ^B | 10 |
| 3 yellow stripes | 3902G3 | 3.0 ^B | 10 |

Impact iron for snow bar

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

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 301407V | 1.5 ^A | 10 |

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 |
|------------|----------|------------------|------|
| galvanized | 35313-40 | 6.5 ^A | 10 |

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 |
|------------|----------|------------------|------|
| galvanized | 35315 | 7.8 ^A | 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 |
|------------|----------|-------------------|------|
| galvanized | 35314 | 18.0 ^B | 10 |

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 |
|------------|----------|------------------|------|
| galvanized | 35340 | 7.0 ^A | 1 |

Traffic safety

Infrastructure building

Mobile fence

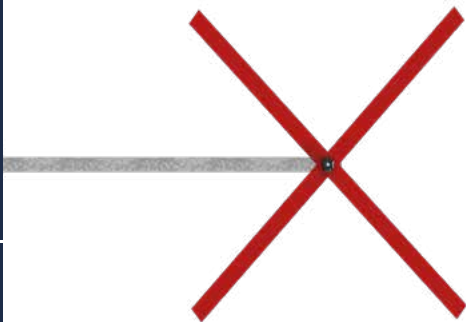
Formwork

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 |
|--|----------|-------|------|
| length: 650 mm, extension arm length: 800 mm | 3537506 | 2.9 A | 1 |
| length: 800 mm, extension arm length: 1500 mm | 3537508 | 5.4 B | 1 |
| length: 1200 mm, extension arm length: 1500 mm | 3537512 | 6.0 B | 1 |

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

| | Part-No. | Kg | Unit |
|--|----------|--------|------|
| length: 1500 mm, extension arm length: 1500 mm | 3537815 | 9.0 B | 1 |
| length: 2000 mm, extension arm length: 2000 mm | 3537820 | 12.0 C | 1 |
| length: 3000 mm, extension arm length: 2500 mm | 3537830 | 16.0 C | 1 |

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 |
|----------------------------|----------|-------|------|
| holder for 30 x 30 mm tube | 35370 | 3.4 A | 1 |
| holder for 40 x 40 mm tube | 35371 | 3.5 A | 1 |

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 |
|-----------------|----------|-------|------|
| length: 410 mm | 35304A | 2.0 A | 10 |
| length: 1600 mm | 35316A | 2.0 B | 10 |

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 |
|------------|----------|--------|------|
| galvanized | 50190 | 69.0 B | 1 |



TL shaft tube

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

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 1.30 m | 34013 | 2.5 ^A | 25 |
| length: 2.00 m | 34020 | 4.0 ^B | 25 |
| length: 2.50 m | 34025 | 5.0 ^C | 25 |
| length: 3.00 m | 34030 | 6.0 ^C | 25 |
| length: 3.50 m | 34035 | 7.0 ^C | 25 |

galvanized, made of square tube 60 x 60 mm

| | Part-No. | Kg | Unit |
|----------------|----------|-------------------|------|
| length: 3.00 m | 34630 | 11.9 ^C | 25 |
| length: 4.00 m | 34640 | 15.9 ^D | 25 |
| length: 5.00 m | 34650 | 19.9 ^D | 25 |

Shaft tube ALU

aluminium square tube 40 mm x 40 mm, TL proved

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 2.00 m | 34020A20 | 1.7 ^B | 25 |
| length: 2.50 m | 34025A20 | 2.0 ^C | 25 |
| length: 3.00 m | 34030A20 | 2.4 ^C | 25 |
| length: 3.50 m | 34035A20 | 3.0 ^C | 25 |

Shaft tube

galvanized, made of round tube, Ø 42 mm

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 1.30 m | 34213 | 2.5 ^A | 25 |
| length: 2.00 m | 34220 | 4.0 ^B | 25 |
| length: 2.50 m | 34225 | 5.0 ^C | 25 |
| length: 3.00 m | 34230 | 6.0 ^C | 25 |

galvanized, made of round tube, Ø 48 mm

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 1.30 m | 34813 | 3.6 ^A | 25 |
| length: 2.00 m | 34820 | 4.5 ^B | 25 |
| length: 2.50 m | 34825 | 5.7 ^C | 25 |
| length: 3.00 m | 34830 | 6.8 ^C | 25 |
| length: 3.50 m | 34835 | 8.0 ^C | 25 |
| length: 4.00 m | 34840 | 9.1 ^D | 25 |

Shaft tube, plastic

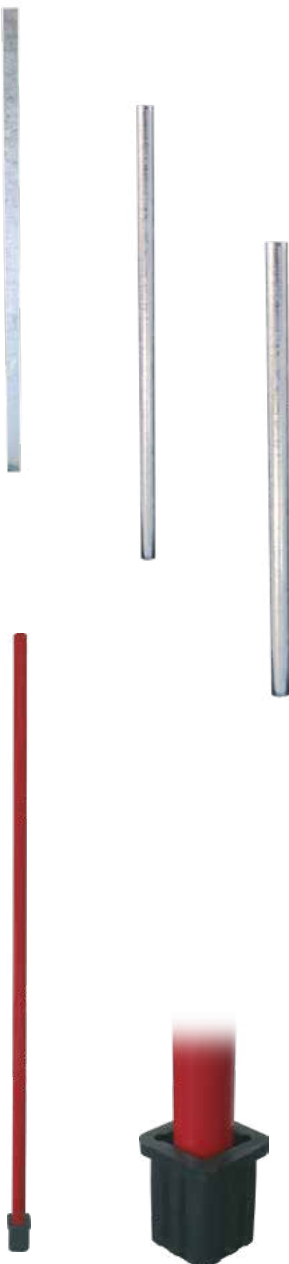
red, sturdy design Ø 42 mm, with press-fitted tube shoe

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 1.35 m | 39013 | 1.3 ^A | 10 |
| length: 2.00 m | 39020 | 1.8 ^B | 10 |

Tube shoe

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

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 34240 | 0.1 ^A | 100 |



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 |
|---------|----------|------------------|------|
| plastic | 31315 | 0.2 ^A | 100 |



Sign clamp

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

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| plastic, red | 31313 | 0.1 ^A | 150 |
| plastic, white | 31313W | 0.1 ^A | 150 |



Sign clamp

suitable for square and round tubes

| | Part-No. | Kg | Unit |
|----------------------------------|----------|------------------|------|
| 40 x 40 mm / \varnothing 42 mm | 31310 | 0.2 ^A | 25 |
| 60 x 60 mm / \varnothing 60 mm | 31316 | 0.2 ^A | 25 |



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 |
|------------|----------|------------------|------|
| galvanized | 31311 | 0.4 ^A | 25 |



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 |
|------------|----------|------------------|------|
| galvanized | 31312 | 0.3 ^A | 25 |



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. | approx. Kg | Part-No. |
| 2000 mm | 5.0 ^B | 463.20 | 7.0 ^B | 473.20 |
| 2500 mm | 6.5 ^C | 463.25 | 9.0 ^C | 473.25 |
| 3000 mm | 7.8 ^C | 463.30 | 10.5 ^C | 473.30 |
| 3500 mm | 9.0 ^C | 463.35 | 12.0 ^C | 473.35 |
| 4000 mm | 10.4 ^D | 463.40 | 14.0 ^D | 473.40 |
| 4500 mm | 11.5 ^D | 463.45 | 15.8 ^D | 473.45 |



Plastic cap

| | Ø 60 mm | | Ø 76 mm | |
|--|------------------|----------|------------------|----------|
| | approx. Kg | Part-No. | approx. Kg | Part-No. |
| | 0.1 ^A | 464.05 | 0.1 ^A | 474.05 |



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. | approx. Kg | Part-No. |
| 70 mm | 50 | 0.3 ^A | 464.07 | 0.5 ^A | 474.07 |
| 350 mm | 25 | 0.4 ^A | 464.35 | 0.6 ^A | 474.35 |
| 500 mm | 25 | 0.5 ^A | 464.50 | 0.7 ^A | 474.50 |
| 700 mm | 25 | 0.6 ^A | 464.70 | 0.8 ^A | 474.70 |
| 900 mm | 25 | 0.6 ^A | 464.90 | 0.8 ^A | 474.90 |



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 |
|------------------|----------|-------------------|------|
| for tube Ø 60 mm | 3F160 | 60.0 ^S | 1 |
| for tube Ø 76 mm | 3F176 | 60.0 ^S | 1 |





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 |
|---------------------------|----------|-------------------|------|
| galvanized, for 3 battens | 35306 | 24.0 ^A | 28 |
| galvanized, for 4 battens | 35307 | 28.0 ^A | 28 |



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 |
|------------|----------|------------------|------|
| galvanized | 353041 | 8.0 ^A | 25 |



Shaft tubes for signal stands

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

| | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| length: 1.00 m | 33710 | 1.6 ^A | 25 |
| length: 2.00 m | 33720 | 3.2 ^B | 25 |



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 |
|------------|----------|------------------|------|
| galvanized | 31310S | 0.5 ^A | 25 |



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 |
|------------|----------|------------------|------|
| galvanized | 31311S | 0.5 ^A | 1 |



i approx. 2.5 l for a roll of 100 m
= approx. 200-300g/m³



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 |
|---|------------|------------------|------|
| without batten holder, painted red | 302214R | 3.4 ^A | 250 |
| with batten holder, painted red / white | | | |
| with 1 batten holder | 302214RH1 | 3.6 ^A | 250 |
| with 2 batten holder | 302214RH2 | 3.8 ^A | 250 |
| with closed hooks incl. lamp holder, painted red / white | | | |
| with 2 closed hooks | 302214RH2G | 3.9 ^A | 250 |
| with 3 closed hooks | 302214RH3G | 4.1 ^A | 250 |
| with 8 closed hooks | 302214RH8G | 4.9 ^A | 100 |

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 |
|-------------------------------------|----------|------------------|------|
| galvanized, with 2 hooks | 11279V | 2.6 ^A | 250 |
| galvanized, with 6 hooks | 11280V | 3.5 ^A | 90 |
| with 3 hoops and lamp holder | | | |
| galvanized, with 3 hooks | 11279V3 | 2.8 ^A | 250 |
| galvanized, with 8 hooks | 11280V8 | 3.9 ^A | 90 |

Marking film

for road marking, 12 cm thin-layer

| | Part-No. | Kg | Unit |
|---------------------|----------|------------------|-------|
| yellow, BASt tested | 3M120G | 4.0 ^A | 100 m |
| white, BASt tested | 3M120W | 4.0 ^A | 100 m |

for road marking, 15 cm thin-layer

| | Part-No. | Kg | Unit |
|---------------------|----------|------------------|-------|
| yellow, BASt tested | 3M150G | 5.0 ^A | 100 m |

for road marking, 12 cm thick-layer

| | Part-No. | Kg | Unit |
|---------------------|----------|-------------------|-------|
| yellow, BASt tested | 3M121G | 27.0 ^B | 100 m |

for road marking, 15 cm thick-layer

| | Part-No. | Kg | Unit |
|---------------------|----------|-------------------|-------|
| yellow, BASt tested | 3M151G | 34.0 ^B | 100 m |

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 |
|-------------|----------|------------------|------|
| content: 7l | 39113 | 7.0 ^A | 1 |

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

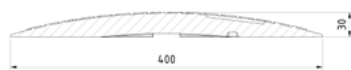
Barrier free construction site



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

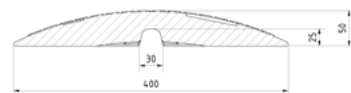
Speed bump

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



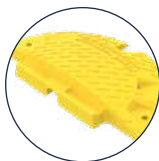
- center piece, black, height: 30 mm
- end piece, black, height: 30 mm
- center piece, yellow, height: 30 mm
- end piece, yellow, height: 30 mm

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 3392-30 | 6.2 ^A | 1 |
| 3392-30E | 1.9 ^A | 1 |
| 3392-31 | 6.2 ^A | 1 |
| 3392-31E | 1.9 ^A | 1 |



- 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

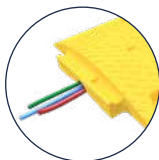
| | | |
|----------|-------------------|---|
| 3392-50 | 10.2 ^A | 1 |
| 3392-50E | 2.8 ^A | 1 |
| 3392-50A | 2.8 ^A | 1 |
| 3392-51 | 10.2 ^A | 1 |
| 3392-51E | 2.8 ^A | 1 |
| 3392-51A | 2.8 ^A | 1 |



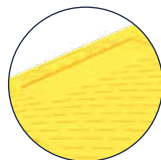
Initial piece 3392-51A with adapter



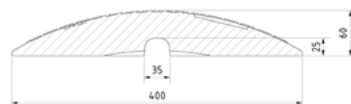
End piece 3392-51E with indentation



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 ^A | 1 |
| 3392-60E | 3.7 ^A | 1 |
| 3392-60A | 3.7 ^A | 1 |
| 3392-61 | 13.0 ^A | 1 |
| 3392-61E | 3.7 ^A | 1 |
| 3392-61A | 3.7 ^A | 1 |

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 |
|-----------|------------------|------|
| 3392-Logo | 0.1 ^A | 1 |

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

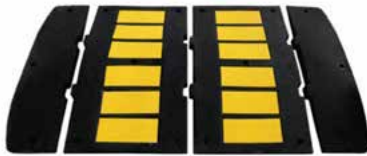




Rubber mat

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 |
|--------|----------|--------------------|------|
| rubber | 3393-300 | 300.0 ^c | 1 |



Speed bump

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

| | Part-No. | Kg | Unit |
|--------------------------------------|----------|-------------------|------|
| center piece, width: 500 mm | 3393-90 | 19.0 ^A | 1 |
| start piece with pin, width: 250 mm | 3393-90A | 7.5 ^A | 1 |
| end piece without pin, width: 250 mm | 3393-90E | 7.5 ^A | 1 |



Speed bump

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

| | Part-No. | Kg | Unit |
|--------------------------------------|----------|-------------------|------|
| center piece, width: 400 mm | 3393-55 | 15.0 ^A | 1 |
| start piece with pin, width: 150 mm | 3393-55A | 5.0 ^A | 1 |
| end piece without pin, width: 150 mm | 3393-55E | 5.0 ^A | 1 |



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 |
|--------|----------|------------------|------|
| yellow | 3393-52 | 5.6 ^A | 1 |

Glue

for installation of speed bumps

| | Part-No. | Kg | Unit |
|-----------------|----------|------------------|------|
| content: 600 ml | 39117 | 0.7 ^A | 1 |



Fastening set

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

| | Part-No. | Kg | Unit |
|------|----------|------------------|------|
| each | 3393-B | 0.2 ^A | 1 |



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 |
|--|----------|------------------|------|
| with two reflecting lenses on one side | 39110 | 0.1 ^A | 50 |
| with two reflecting lenses on both sides | 39111 | 0.1 ^A | 50 |

Infrastructure building



Marking button Ø 120 mm with flag
yellow, for gluing

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| with two reflecting lenses on one side | 39110F | 0.1 ^A | 50 |
| with two reflecting lenses on both sides | 39111F | 0.1 ^A | 50 |

Mobile fence



Aluminium marking nail Ø 100 mm
for gluing

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| without reflecting lenses | 39120 | 0.2 ^A | 50 |
| with shaft for installation without reflecting lenses | 39129 | 0.2 ^A | 50 |
| with shaft for driving in ground without reflecting lenses, pointed | 39130 | 0.2 ^A | 50 |

Formwork



Aluminium marking nail 100 mm x 100 mm
for gluing

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| without reflecting lenses | 39121 | 0.2 ^A | 25 |
| with two reflecting lenses on one side | 39122 | 0.2 ^A | 25 |
| with two reflecting lenses on both sides | 39123 | 0.2 ^A | 25 |

Building support safety



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

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| with two reflecting lenses on one side | 39126 | 0.2 ^A | 25 |
| with two reflecting lenses on both sides | 39127 | 0.2 ^A | 25 |

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

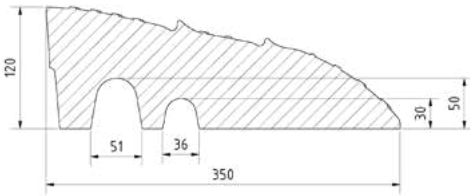
(80 g glue for each marking nail)

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



| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 39112 | 10.0 ^A | 1 |

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 |
|---|----------|-------------------|------|
| center piece: dimensions: 1000 x 350 x 120 mm finish: Recycling Material | 33920 | 28.0 ^A | 1 |
| end piece, left: dimensions: 350 x 350 x 120 mm finish: Recycling Material | 33920L | 7.0 ^A | 1 |
| end piece, right: dimensions: 350 x 350 x 120 mm finish: Recycling Material | 33920R | 7.0 ^A | 1 |

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 |
|------------|----------|-------------------|-----|
| galvanized | 33931 | 24.0 ^B | 1 |

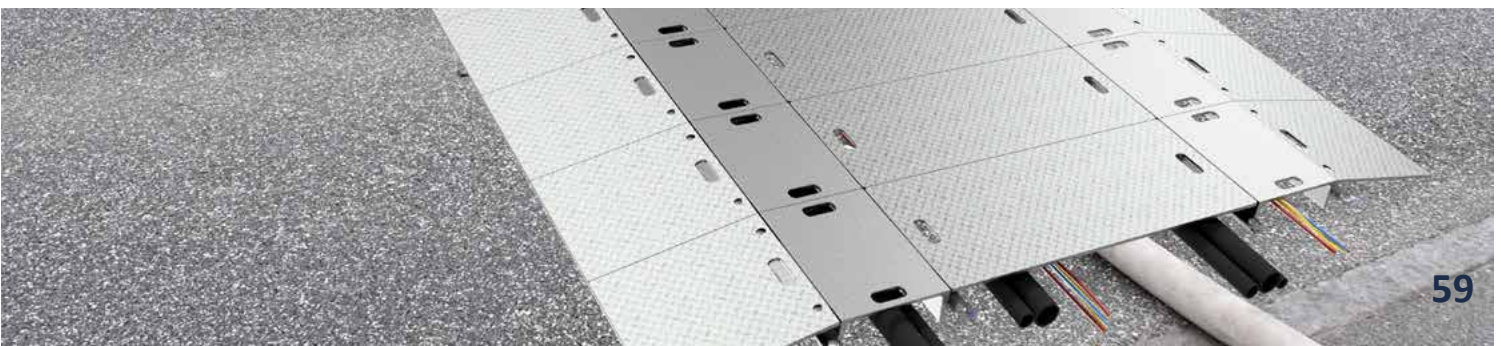
Hose and cable bridge system

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 |
|---|----------|-------------------|------|
| main element 300 x 400 x 100 mm, connecting pins, galvanized | 33931-10 | 19.7 ^A | 1 |
| ramp 350 x 400 x 95 mm, galvanized | 33931-11 | 16.5 ^A | 1 |
| extension element 1000 x 400 x 100 mm, galvanized | 33931-12 | 37.7 ^A | 1 |



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 |
|----------------------------------|----------|-------------------|------|
| cable bridge with insert, black | 339380 | 24.6 ^B | 1 |
| cable bridge with insert, yellow | 339381 | 24.6 ^B | 1 |

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 |
|-----|----------|-------------------|------|
| PVC | 33933 | 11.0 ^A | 1 |

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 |
|------------|----------|-------------------|------|
| galvanized | 33933-5 | 38.0 ^C | 1 |

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 |
|--|-----------|--------------------|------|
| | 33933-SET | 203.0 ^C | 1 |

Building support safety

Storage - transport



Rubber ramp system, downwards open
(dimensions in mm)

| Passage | Length | Width | Part-No. | Kg | Unit |
|---------|--------|-------|----------|------------------|------|
| ∅ 42 | 1500 | 200 | 339323 | 9.0 ^B | 1 |

Building site installation

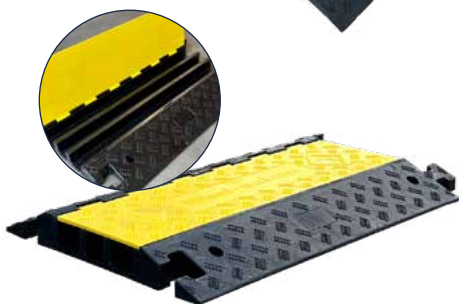


Fastening SET

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

| | Part-No. | Kg | Unit |
|------|----------|------------------|------|
| each | 3393-B | 0.2 ^A | 1 |

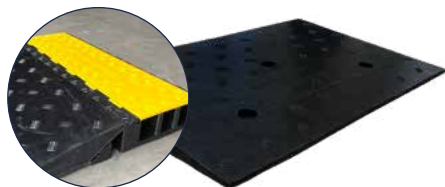
Barrier free construction site



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 |
|---------|----------|-------------------|------|
| plastic | 33934 | 20.0 ^B | 1 |



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 |
|---------------|----------|-------------------|------|
| plastic | 33934R | 15.0 ^B | 1 |
| fastening set | 3394-B | 0.2 ^A | 1 |



End piece (system A)

| | Part-No. | Kg | Unit |
|--------------------------|----------|------------------|------|
| plastic, without adapter | 33934E | 2.5 ^B | 1 |
| plastic, with adapter | 339322A | 2.5 ^A | 1 |



Angle 45° with adapter (system A)

| | Part-No. | Kg | Unit |
|-------------------------|----------|------------------|------|
| plastic, angle to right | 33932W | 5.5 ^B | 1 |
| plastic, angle to left | 33932WL | 5.5 ^A | 1 |



Storage and transport pallet for cable bridges

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

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 33934-5 | 64.3 ^B | 1 |



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 |
|--|-------------|--------------------|------|
| | 33934-SET15 | 364.3 ^B | 1 |

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 |
|-----------------------------------|----------|-------------------|------|
| Ramp system | 33932 | 20.0 ^B | 1 |
| Connecting pins 1 set = 2 pins | 339321 | 0.2 ^A | 1 |
| end piece | 33932E | 2.5 ^A | 1 |

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

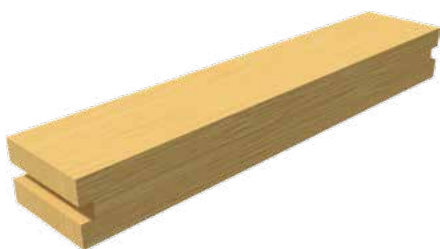
| | Part-No. | Kg | Unit |
|--------|----------|-------------------|------|
| rubber | 33901 | 29.0 ^B | 1 |

Building support safety

Support beam

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

Storage - transport



| | Part-No. | Kg | Unit |
|------|----------|-------------------|------|
| wood | 10210 | 11.5 ^A | 1 |

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 |
|---------------------|----------|-------------------|------|
| 500 x 250 x 50 mm | 1025050 | 6.0 ^A | 1 |
| 500 x 250 x 100 mm | 1025010 | 12.0 ^A | 1 |
| 1000 x 250 x 50 mm | 1021050 | 12.0 ^A | 1 |
| 1000 x 250 x 100 mm | 1021010 | 24.0 ^A | 1 |

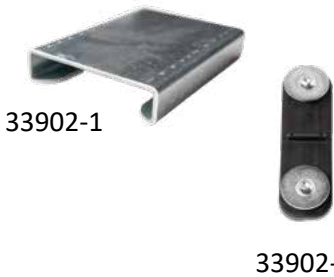
Barrier free construction site



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 |
|---------------|----------|-------------------|------|
| UHMWPE, black | 33902 | 30.0 ^B | 1 |



Accessoires for floor protection mat

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| longitudinal connector for 15 mm plate | 33902-1 | 0.2 ^A | 1 |
| cross connector for 2 x 15 mm plate | 33902-2 | 0.5 ^A | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 33902-5 | 63.0 ^B | 1 |



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 |
|-----------|--------------------|------|
| 33902-SET | 682.5 ^B | 1 |



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 |
|----------------|----------|------------------|------|
| height: 200 mm | 3L200 | 0.2 ^A | 10 |
| height: 320 mm | 3L320 | 0.5 ^A | 25 |
| height: 500 mm | 3L500 | 1.2 ^A | 10 |
| height: 750 mm | 3L750 | 3.2 ^A | 5 |

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

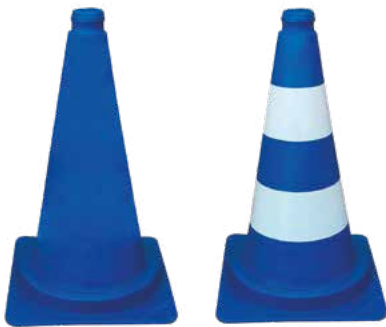
Barrier free construction site



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 |
|--------------------------------|----------|------------------|------|
| height: 320 mm, yellow | 3L320G-0 | 0.5 ^A | 25 |
| height: 320 mm, yellow / black | 3L320G | 0.5 ^A | 25 |
| height: 500 mm, yellow | 3L500G-0 | 1.2 ^A | 10 |
| height: 500 mm, yellow / black | 3L500G | 1.2 ^A | 10 |
| height: 750 mm, yellow | 3L750G-0 | 3.2 ^A | 5 |
| height: 750 mm, yellow / black | 3L750G | 3.2 ^A | 5 |



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 |
|------------------------------|----------|------------------|------|
| height: 320 mm, blue | 3L320B-0 | 0.5 ^A | 25 |
| height: 320 mm, blue / white | 3L320B | 0.5 ^A | 25 |
| height: 500 mm, blue | 3L500B-0 | 1.2 ^A | 10 |
| height: 500 mm, blue / white | 3L500B | 1.2 ^A | 10 |





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 |
|----------------|----------|------------------|------|
| height: 500 mm | 3L500RS2 | 1.3 ^A | 10 |
| height: 750 mm | 3L750RS2 | 3.3 ^A | 5 |



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 |
|----------------|----------|------------------|------|
| height: 500 mm | 3L530RS | 2.5 ^A | 10 |
| height: 750 mm | 3L730RS | 5.0 ^A | 5 |

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

| | | | |
|----------------|----------|------------------|----|
| height: 500 mm | 3L530RS2 | 2.5 ^A | 10 |
| height: 750 mm | 3L730RS2 | 5.0 ^A | 5 |

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

| | Part-No. | Kg | Unit |
|----------------|-----------|------------------|------|
| height: 500 mm | 3L530RSSK | 2.5 ^A | 10 |
| height: 750 mm | 3L730RSSK | 5.0 ^A | 5 |

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

| | | | |
|----------------|------------|------------------|----|
| height: 500 mm | 3L530RSSK2 | 2.5 ^A | 10 |
| height: 750 mm | 3L730RSSK2 | 5.0 ^A | 5 |



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 |
|-----------------|----------|------------------|------|
| height: 1000 mm | 3L1030RS | 5.5 ^A | 5 |

i Customize your traffic cones !

- sticker on traffic cone (luminous in daylight)
- printed film RA1/A
- printed film RA2/B

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 |
|----------------|----------|------------------|------|
| height: 500 mm | 3L500TL | 2.5 ^A | 10 |
| height: 750 mm | 3L750TL | 5.0 ^A | 5 |

red / white fully reflecting film RA2/B

| | | | |
|----------------|----------|------------------|----|
| height: 500 mm | 3L500TL2 | 2.5 ^A | 10 |
| height: 750 mm | 3L750TL2 | 5.0 ^A | 5 |



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 |
|----------------|----------|------------------|------|
| height: 500 mm | 3L530TL | 2.5 ^A | 10 |
| height: 750 mm | 3L730TL | 5.0 ^A | 5 |

red / white fully reflecting film RA2/B

| | | | |
|----------------|----------|------------------|----|
| height: 500 mm | 3L530TL2 | 2.5 ^A | 10 |
| height: 750 mm | 3L730TL2 | 5.0 ^A | 5 |



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 |
|------------|----------|-------------------|------|
| galvanized | 3L5075-5 | 64.0 ^B | 1 |

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 |
|-------------------------|--------------|--------------------|------|
| with 72 pieces 3L500TL | 3L500TL-SET | 244.0 ^B | 1 |
| with 36 pieces 3L750TL | 3L750TL-SET | 244.0 ^B | 1 |
| with 72 pieces 3L500TL2 | 3L500TL2-SET | 244.0 ^B | 1 |
| with 36 pieces 3L750TL2 | 3L750TL2-SET | 244.0 ^B | 1 |
| with 90 pieces 3L530TL | 3L530TL-SET | 323.0 ^B | 1 |
| with 48 pieces 3L730TL | 3L730TL-SET | 319.0 ^B | 1 |
| with 90 pieces 3L530TL2 | 3L530TL2-SET | 323.0 ^B | 1 |
| with 48 pieces 3L730TL2 | 3L730TL2-SET | 319.0 ^B | 1 |



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 |
|---------------------------------|----------|------------------|------|
| light exits on one side, yellow | NOXBLITZ | 1.0 ^A | 10 |

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 |
|---|----------|------------------|------|
| without fixing lever | 3LA0 | 0.1 ^A | 1 |
| with fixing lever for Schake one-piece traffic cones | 3LA1 | 0.1 ^A | 1 |
| with fixing lever for Schake two-piece traffic cones | 3LA2 | 0.1 ^A | 1 |

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 |
|------------|----------|------------------|------|
| galvanized | 3LNOXH | 1.0 ^A | 1 |

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 |
|----------------|----------|------------------|------|
| red / white | 3A350RW | 0.3 ^A | 1 |
| yellow / black | 3A350GS | 0.3 ^A | 1 |
| blue / white | 3A350BW | 0.3 ^A | 1 |

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 |
|-------------------------|----------|------------------|------|
| strap color red / white | 3A351RW | 0.3 ^A | 1 |

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

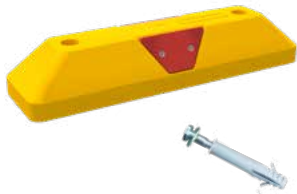
Barrier free construction site



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 |
|---------------|----------|------------------|------|
| plastic | 3393-100 | 5.0 ^B | 1 |
| fastening set | 3394-B | 0.2 ^A | 1 |



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 |
|---------------|----------|------------------|------|
| plastic | 3393-101 | 1.0 ^A | 1 |
| fastening set | 3393-B | 0.2 ^A | 1 |



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 |
|---------------|----------|-------------------|------|
| plastic | 3393-102 | 14.0 ^B | 1 |
| fastening set | 3394-B | 0.2 ^A | 1 |



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 |
|---------------|----------|------------------|------|
| plastic | 3393-103 | 7.0 ^A | 1 |
| fastening set | 3393-B | 0.2 ^A | 1 |



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

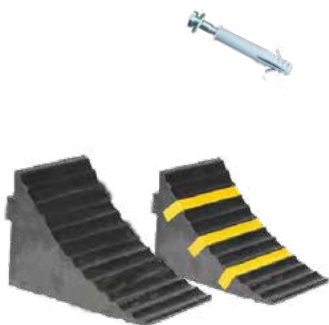
| | Part-No. | Kg | Unit |
|---------------|----------|-------------------|------|
| plastic | 3393-104 | 15.0 ^B | 1 |
| fastening set | 3393-B | 0.2 ^A | 1 |



Wheelstopper

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

| | Part-No. | Kg | Unit |
|---------------|----------|------------------|------|
| rubber | 3393-150 | 3.5 ^A | 1 |
| fastening set | 3394-B | 0.2 ^A | 1 |



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 |
|--------------------------------|----------|-------------------|------|
| dimensions: 320 x 300 x 260 mm | 3393-260 | 12.0 ^A | 1 |

black with three yellow stripes

| | | | |
|--------------------------------|----------|------------------|---|
| dimensions: 285 x 155 x 185 mm | 3393-185 | 3.0 ^A | 1 |
|--------------------------------|----------|------------------|---|



Edge protection angle

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

| | Part-No. | Kg | Unit |
|--------|----------|------------------|------|
| rubber | 323-100 | 2.2 ^A | 1 |

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 |
|-----------|----------|------------------|------|
| aluminium | 32301 | 2.0 ^A | 1 |

i Other dimensions available upon request.

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



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



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

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Infrastructure building

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Formwork

Building support safety

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.



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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.

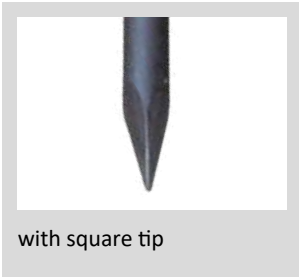
Through our inductive process for heating the steel, immediately before the forging process, the supply of electricity is a sustainable form of energy in contrast to methods such as gas burners, we have opted for a sustainable form of energy. Large stocks, both of the finished product for the fastest 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 | length | Part-No. | Kg | Unit |
|----------------|-----------------|----------|-------|------|
| Diameter 14 mm | length: 1000 mm | 301410 | 1.2 s | 500 |
| | length: 1200 mm | 301412 | 1.5 s | 500 |
| Diameter 16 mm | length: 800 mm | 301608 | 1.3 s | 500 |
| | length: 1000 mm | 301610 | 1.6 s | 500 |
| | length: 1200 mm | 301612 | 1.9 s | 500 |
| Diameter 18 mm | length: 800 mm | 301808 | 1.6 s | 500 |
| | length: 1000 mm | 301810 | 2.0 s | 500 |
| | length: 1200 mm | 301812 | 2.4 s | 500 |
| Diameter 20 mm | length: 800 mm | 302008 | 2.0 s | 500 |
| | length: 1000 mm | 302010 | 2.5 s | 500 |
| | length: 1200 mm | 302012 | 3.0 s | 500 |



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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 |
|------------------------|---------------|---------|------|
| Diameter: 16 mm | | | |
| length: 800 mm | 301608-SET250 | 314.8 s | 1 |
| length: 1000 mm | 301610-SET250 | 362.5 s | 1 |
| length: 1200 mm | 301612-SET250 | 470.0 s | 1 |
| Diameter: 18 mm | | | |
| length: 800 mm | 301808-SET250 | 399.3 s | 1 |
| length: 1000 mm | 301810-SET250 | 493.0 s | 1 |
| length: 1200 mm | 301812-SET250 | 535.5 s | 1 |
| Diameter: 20 mm | | | |
| length: 800 mm | 302008-SET250 | 489.8 s | 1 |
| length: 1000 mm | 302010-SET250 | 624.8 s | 1 |
| length: 1200 mm | 302012-SET250 | 736.8 s | 1 |



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 |
|------------------------|---------------|----------|------|
| Diameter: 16 mm | | | |
| length: 800 mm | 301608-SET500 | 726.1 s | 1 |
| length: 1000 mm | 301610-SET500 | 725.0 s | 1 |
| length: 1200 mm | 301612-SET500 | 940.0 s | 1 |
| Diameter: 18 mm | | | |
| length: 800 mm | 301808-SET500 | 895.1 s | 1 |
| length: 1000 mm | 301810-SET500 | 1082.6 s | 1 |
| length: 1200 mm | 301812-SET500 | 1167.6 s | 1 |
| Diameter: 20 mm | | | |
| length: 800 mm | 302008-SET500 | 1076.1 s | 1 |
| length: 1000 mm | 302010-SET500 | 1346.1 s | 1 |
| length: 1200 mm | 302012-SET500 | 1570.1 s | 1 |



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

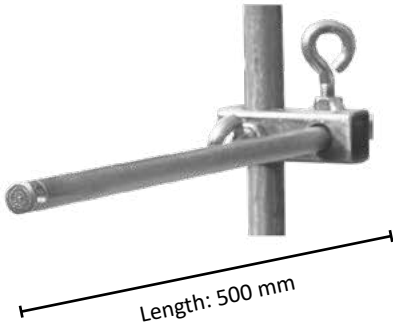
| | Part-No. | Kg | Unit |
|---------------------|----------|--------|------|
| for 250 twine poles | 50118-5L | 53.6 s | 1 |
| for 500 twine poles | 50118-5 | 98.0 s | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 301820 | 0.4 ^A | 100 |



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 |
|------------|----------|------------------|------|
| galvanized | 301821 | 1.5 ^A | 100 |



Plumb line holder

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

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 301822 | 0.1 ^A | 25 |



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 |
|---|----------|------------------|------|
| with clamping bracket without adjusting ring | 301825 | 0.2 ^A | 25 |
| without clamping bracket without adjusting ring | 301825-0 | 0.2 ^A | 25 |
| clamping bracket | 301825-1 | 0.1 ^A | 25 |
| adjusting ring | 301825-2 | 0.1 ^A | 25 |



Mushroom impact guard, of impact-resistant plastic material

inside 20 mm tapered, red

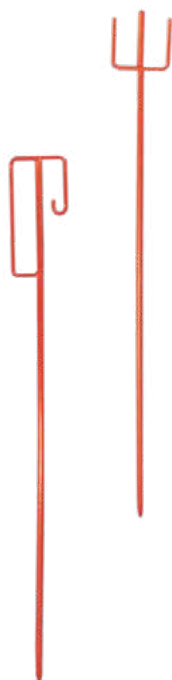
| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| for twine poles \varnothing 16 - 18 mm | 301823 | 0.1 ^A | 100 |
| for twine poles \varnothing 20 - 35 mm | 301824 | 0.1 ^A | 100 |



Round strand rope

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

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|-------|
| galvanized | 301830 | 50.0 ^A | 500 m |



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 |
|-------------|----------|------------------|------|
| red painted | 31551 | 1.0 ^A | 500 |

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

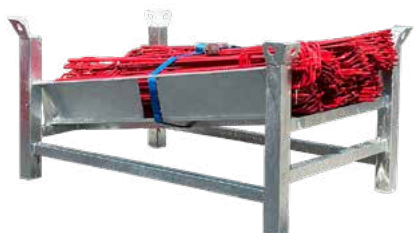
| | Part-No. | Kg | Unit |
|---------------------|----------|------------------|------|
| \varnothing 12 mm | 315522 | 1.0 ^A | 500 |
| \varnothing 14 mm | 315523 | 2.3 ^A | 500 |



Barrier tape

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

| Dimensions: | Part-No. | Kg | Unit |
|-------------------------|----------|------------------|------|
| 0.03 mm x 80 mm x 500 m | 3WT8500 | 1.0 ^B | 1 |



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 |
|--------------------------|------------|--------------------|------|
| 150 barrier tape holders | 315522-SET | 168.0 ^S | 1 |



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 |
|--------------------------|-------------|--------------------|------|
| 250 barrier tape holders | 315522-SET2 | 376.6 ^S | 1 |

Barrier tape holder 10 pcs.

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

| Part-No. | Kg | Unit |
|-------------|-------------------|------|
| 315522-VE10 | 11.4 ^A | 1 |





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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 |
|----------------|----------|-------------------|-----|
| length: 1.50 m | 10196 | 9.0 ^B | 10 |
| length: 1.80 m | 10197 | 11.0 ^B | 10 |

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

| | | | |
|----------------|---------|-------------------|----|
| length: 1.50 m | 10196GS | 9.0 ^B | 10 |
| length: 1.80 m | 10197GS | 11.0 ^B | 10 |



Crowbar

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

| | Part-No. | Kg | VPE |
|--|----------|------------------|-----|
| with curved cutting edge length: 1.30 m | 10195-2R | 5.0 ^B | 10 |
| length: 1.50 m | 10196-2R | 5.7 ^B | 10 |





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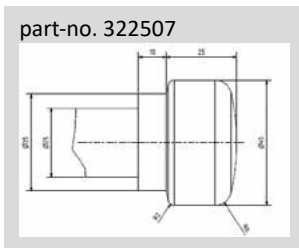
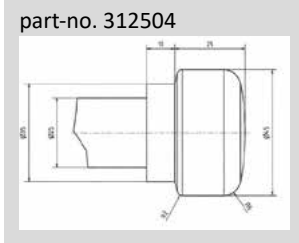
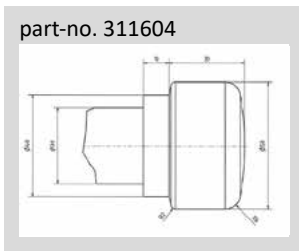
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Fixing peg type 1

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 |
|-----------------|----------|------------------|------|
| length: 400 mm | 311604 | 0.6 ^A | 10 |
| length: 600 mm | 311606 | 1.0 ^A | 10 |
| length: 800 mm | 311608 | 1.3 ^A | 10 |

| Diameter: 25 mm | Part-No. | Kg | Unit |
|-----------------|----------|------------------|------|
| length: 400 mm | 312504 | 1.6 ^A | 5 |
| length: 600 mm | 312506 | 2.4 ^A | 5 |
| length: 800 mm | 312508 | 3.3 ^A | 5 |
| length: 1000 mm | 312510 | 4.2 ^A | 5 |
| length: 1200 mm | 312512 | 5.0 ^A | 5 |

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 |
|-----------------|----------|------------------|------|
| length: 700 mm | 322507 | 3.2 ^A | 5 |
| length: 900 mm | 322509 | 3.7 ^A | 5 |

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 |
|-----------------|----------|------------------|------|
| length: 600 mm | 301606W | 1.0 ^A | 1 |

| Diameter: 20 mm | Part-No. | Kg | Unit |
|-----------------|----------|------------------|------|
| length: 600 mm | 302006W | 1.6 ^A | 1 |

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 |
|------------------------------------|----------|------------------|------|
| \varnothing 14 mm, length: 500mm | 301405ST | 0.8 ^A | 1 |
| \varnothing 16 mm, length: 750mm | 301607ST | 1.4 ^A | 1 |

Extracting-adapter

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

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 20288 | 1.5 ^A | 1 |

Universal hook

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

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 20289 | 1.5 ^A | 1 |



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 |
|------------------------------------|----------|------------------|------|
| guard railing post | 11277VG | 3.5 ^A | 1 |
| corner railing post with 90° angle | 11278VG | 4.0 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 112100 | 3.5 ^A | 1 |



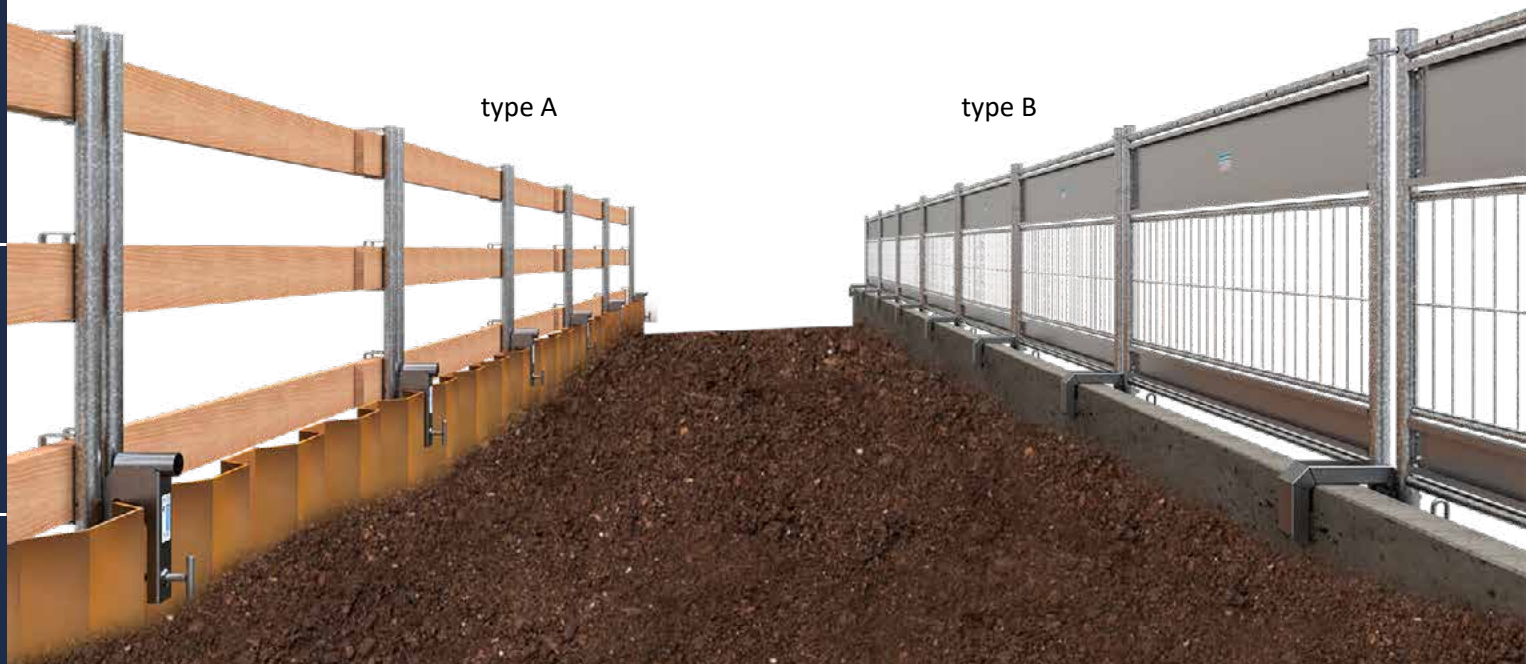
Uni railing bracket type B

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 |
|------------|----------|------------------|------|
| galvanized | 112101 | 5.2 ^A | 1 |

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 |
|---------------|-------------------|------|
| 118KRF50-SET1 | 80.8 ^B | 1 |
| 118KF50-SET1 | 76.1 ^B | 1 |

Formwork-prop extension length 2.20 m - 4.00 m

- with heavy duty rollers
- without heavy duty rollers

| | | |
|---------------|-------------------|---|
| 118KRF50-SET2 | 97.8 ^B | 1 |
| 118KF50-SET2 | 93.0 ^B | 1 |

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 |
|----------------|--------|----------|-------|------|
| total length: | 450 mm | | | |
| thread length: | 300 mm | 20201 | 3.5 A | 100 |



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 |
|---------|---------------------|----------|-------|------|
| size 1 | tube length: 45 cm | 20221 | 1.5 A | 100 |
| size 1a | tube length: 55 cm | 20222 | 2.0 A | 100 |
| size 2 | tube length: 75 cm | 20223 | 2.5 A | 100 |
| size 3 | tube length: 105 cm | 20224 | 3.5 A | 100 |
| size 4 | tube length: 135 cm | 20225 | 4.0 A | 100 |



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 |
|---------|--------------------------------------|----------|-------|------|
| size 1 | 0.50 - 0.80 m 39.90 kN - 37.20 kN | 20211 | 5.2 A | 100 |
| size 1a | 0.60 - 0.90 m 39.90 kN - 34.10 kN | 20212 | 5.5 A | 100 |
| size 2 | 0.80 - 1.10 m 39.50 kN - 29.40 kN | 20213 | 6.2 A | 100 |
| size 3 | 1.10 - 1.40 m 37.70 kN - 29.30 kN | 20214 | 7.0 A | 100 |
| size 4 | 1.40 - 1.70 m 31.70 kN - 26.50 kN | 20215 | 8.0 A | 100 |



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 |
|------------|----------|--------|------|
| painted | 50321 | 67.0 B | 1 |
| galvanized | 50322 | 69.0 B | 1 |

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 |
|---|----------|-------------------|------|
| size 1 0.70 - 1.17 m 65.50 kN - 61.10 kN | 20231 | 8.0 ^A | 50 |
| size 2 0.90 - 1.50 m 65.50 kN - 59.90 kN | 20232 | 10.0 ^A | 50 |
| size 3 1.20 - 2.10 m 60.10 kN - 51.70 kN | 20233 | 13.0 ^A | 50 |

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 |
|---|----------|-------------------|------|
| size 1 0.90 - 1.50 m 100.00 kN - 100.00 kN | 20241 | 17.0 ^A | 30 |
| size 2 1.40 - 2.00 m 100.00 kN - 96.90 kN | 20242 | 20.0 ^A | 30 |
| size 3 1.90 - 2.50 m 98.80 kN - 83.90 kN | 20243 | 23.0 ^B | 30 |
| size 4 2.40 - 3.00 m 80.80 kN - 75.30 kN | 20244 | 26.0 ^C | 30 |

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 |
|------------|----------|-------------------|------|
| painting | 50150 | 26.0 ^B | 9 |
| galvanized | 50160 | 27.0 ^B | 9 |

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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

| parted | Part-No. | Kg | Unit |
|----------------------------------|----------|-------------------|------|
| extension length: 450 - 620 mm | 11825P | 6.5 ^A | 48 |
| extension length: 600 - 925 mm | 11826P | 7.5 ^A | 48 |
| extension length: 800 - 1320 mm | 11827P | 8.8 ^A | 48 |
| extension length: 1000 - 1720 mm | 11828P | 10.2 ^A | 48 |

| galvanized | Part-No. | Kg | Unit |
|----------------------------------|----------|-------------------|------|
| extension length: 450 - 620 mm | 11825V | 6.5 ^A | 48 |
| extension length: 600 - 925 mm | 11826V | 7.5 ^A | 48 |
| extension length: 800 - 1320 mm | 11827V | 8.8 ^A | 48 |
| extension length: 1000 - 1720 mm | 11828V | 10.2 ^A | 48 |



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

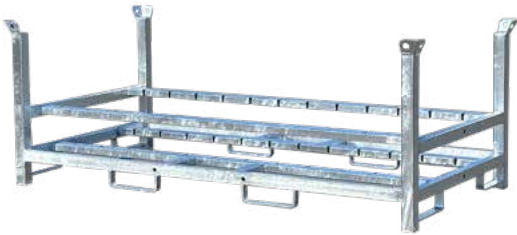
| | Part-No. | Kg | Unit |
|-----------------------|----------|-------------------|------|
| painted, 200 x 200 mm | 10191 | 12.0 ^A | 1 |



Shaft cover

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

| | Part-No. | Kg | Unit |
|---------------------|----------|-------------------|------|
| made of sheet steel | 20228 | 38.0 ^A | 12 |



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 |
|------------|----------|--------------------|------|
| galvanized | 3B214-3 | 105.0 ^B | 1 |



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 |
|------------|-----------|--------------------|------|
| galvanized | 20228-SET | 561.0 ^B | 1 |

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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 |
|-------------------|----------|------------------|------|
| color: olive | 54200 | 5.0 ^A | 1 |
| color: green | 54200-G | 5.0 ^A | 1 |
| color: orange | 54200-O | 5.0 ^A | 1 |
| Diameter: 2500 mm | | | |
| color: olive | 54250 | 6.5 ^A | 1 |
| color: green | 54250-G | 6.5 ^A | 1 |
| color: orange | 54250-O | 6.5 ^A | 1 |
| Diameter: 3000 mm | | | |
| color: olive | 54300 | 8.5 ^A | 1 |
| color: green | 54300-O | 8.5 ^A | 1 |
| color: orange | 54300-G | 8.5 ^A | 1 |



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 |
|-------------------|----------|------------------|------|
| color: olive | 54251 | 7.5 ^A | 1 |
| color: green | 54251-G | 7.5 ^A | 1 |
| color: orange | 54251-O | 7.5 ^A | 1 |
| Diameter: 3000 mm | | | |
| color: olive | 54301 | 9.0 ^A | 1 |
| color: green | 54301-G | 9.0 ^A | 1 |
| color: orange | 54301-O | 9.0 ^A | 1 |



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 |
|----------------------------|----------|-------------------|------|
| dimensions: 2000 x 2000 mm | 542020A | 53.0 ^A | 1 |
| dimensions: 3000 x 2000 mm | 543020A | 59.0 ^A | 1 |
| dimensions: 4500 x 2000 mm | 544520A | 70.0 ^A | 1 |



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 |
|-----------------------------------|-------------|-------------------|------|
| dimensions: 1400 x 1400 x 1500 mm | 541414H15 | 9.0 ^A | 1 |
| dimensions: 1800 x 1800 x 2000 mm | 541818H20 | 13.5 ^A | 1 |
| dimensions: 2100 x 2100 x 2000 mm | 542121H20 | 15.0 ^A | 1 |
| dimensions: 1800 x 2500 x 2000 mm | 541825H20 | 16.0 ^A | 1 |
| dimensions: 2500 x 2500 x 2000 mm | 542525H20 | 18.5 ^A | 1 |
| dimensions: 3000 x 3000 x 2150 mm | 543030H21.5 | 25.0 ^A | 1 |
| dimensions: 3500 x 3500 x 2150 mm | 543535H21.5 | 34.0 ^A | 1 |



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.

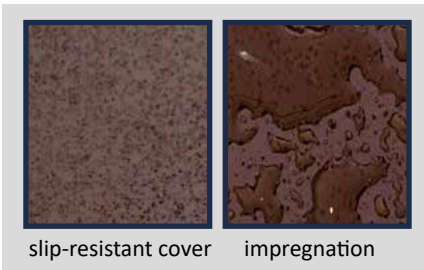
this trench bridge complies with the workplace and ZTV-SA ordinance, load: 150 kg / m²



| | Part-No. | Kg | Unit |
|-------------------------------|----------|--------------------|------|
| width: 1.00 m, length: 1.00 m | 20250-10 | 43.0 ^B | 5 |
| width: 1.00 m, length: 1.70 m | 20250 | 45.0 ^B | 5 |
| width: 1.00 m, length: 2.20 m | 20251 | 55.0 ^B | 5 |
| width: 1.00 m, length: 2.70 m | 20252 | 70.0 ^C | 5 |
| width: 1.00 m, length: 3.20 m | 20254 | 100.0 ^C | 5 |

version: 1.50 m width

| | Part-No. | Kg | Unit |
|-------------------------------|----------|--------------------|------|
| width: 1.50 m, length: 2.00 m | 20251-15 | 48.5 ^B | 5 |
| width: 1.50 m, length: 2.70 m | 20252-15 | 95.5 ^C | 5 |
| width: 1.50 m, length: 3.20 m | 20254-15 | 118.5 ^C | 5 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50119 | 38.0 ^B | 1 |

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 |
|--|-----------|--------------------|------|
| | 20251-SET | 680.0 ^B | 1 |



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 / m²

| | Part-No. | Kg | Unit |
|-------------------------------|----------|--------------------|------|
| width: 1.00 m, length: 1.70 m | 20270 | 54.0 ^B | 5 |
| width: 1.00 m, length: 2.20 m | 20271 | 67.0 ^B | 5 |
| width: 1.00 m, Länge: 2.70 m | 20272 | 79.0 ^C | 5 |
| width: 1.00 m, length: 3.20 m | 20273 | 92.0 ^C | 5 |
| width: 1.20 m, length: 2.70 m | 2027212 | 100.0 ^C | 5 |
| width: 1.20 m, length: 3.20 m | 2027312 | 120.0 ^C | 5 |
| width: 1.30 m, length: 4.00 m | 2027413 | 300.0 ^D | 5 |
| width: 1.30 m, length: 5.00 m | 2027513 | 360.0 ^D | 5 |
| width: 1.30 m, length: 6.00 m | 2027613 | 430.0 ^D | 5 |

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 |
|------------|----------|-------------------|------|
| galvanized | 50119 | 38.0 ^B | 1 |

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 |
|-----------|--------------------|------|
| 20271-SET | 390.0 ^B | 1 |

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 |
|-------------------------------|----------|--------------------|------|
| width: 1.00 m, length: 1.70 m | 20280 | 34.0 ^B | 1 |
| width: 1.00 m, length: 2.20 m | 20281 | 42.0 ^B | 1 |
| width: 1.00 m, length: 2.70 m | 20282 | 51.0 ^C | 1 |
| width: 1.00 m, length: 3.20 m | 20283 | 59.0 ^C | 1 |
| width: 1.00 m, length: 4.50 m | 20284 | 96.0 ^D | 1 |
| width: 1.00 m, length: 5.50 m | 20285 | 116.0 ^D | 1 |
| width: 1.00 m, length: 6.50 m | 20286 | 185.0 ^D | 1 |

with safety railing

| | Part-No. | Kg | Unit |
|-------------------------------|----------|-------------------|------|
| width: 1.00 m, length: 2.20 m | 20281-S | 48.0 ^B | 1 |
| width: 1.00 m, length: 2.70 m | 20282-S | 58.0 ^B | 1 |
| width: 1.00 m, length: 3.20 m | 20283-S | 68.0 ^C | 1 |

additional grab handles can be ordered separately

| | Part-No. | Kg | Unit |
|--------------|----------|------------------|------|
| grab handles | 20280G | 1.0 ^A | 12 |



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 |
|------------------------|-------------|--------------------|------|
| without safety railing | 20281-SET | 250.0 ^B | 1 |
| with safety railing | 20281-S-SET | 284.0 ^B | 1 |

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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 |
|-------------------------------|----------|--------------------|------|
| width: 1.30 m, length: 2.20 m | 2028113 | 48.0 ^B | 5 |
| width: 1.30 m, length: 2.70 m | 2028213 | 62.5 ^C | 5 |
| width: 1.30 m, length: 3.20 m | 2028313 | 72.0 ^C | 5 |
| width: 1.30 m, length: 4.00 m | 2028413 | 112.0 ^D | 5 |
| width: 1.30 m, length: 5.00 m | 2028513 | 135.0 ^D | 5 |
| width: 1.30 m, length: 6.00 m | 2028613 | 180.0 ^D | 5 |

additional grab handles can be ordered separately



| | Part-No. | Kg | Unit |
|--------------|----------|------------------|------|
| grab handles | 20280G | 1.0 ^B | 12 |

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 |
|----------------|----------|------------------|------|
| 600 mm | 312506 | 2.4 ^A | 5 |



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 |
|-------------------------------|----------|-------------------|------|
| width: 1.00 m, length: 1.70 m | 20261 | 35.0 ^B | 10 |

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 |
|------------|----------|-------------------|------|
| galvanized | 50119 | 38.0 ^B | 1 |



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 |
|--|-----------|--------------------|------|
| | 20261-SET | 290.0 ^B | 1 |

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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 |
|--------------|----------|-------------------|------|
| center piece | 20260 | 43.0 ^B | 1 |
| end piece | 20260E | 23.0 ^B | 1 |

Crossing plate made of steel



with 4 holes for crane transport, sheet thickness 20 mm, steel grade: S235JR



| | Part-No. | Kg | Unit |
|-----------------|----------|--------------------|------|
| 2.00 m x 3.00 m | 20262030 | 942.0 ^C | 1 |
| 1.50 m x 3.00 m | 20261530 | 706.5 ^C | 1 |
| 1.25 m x 3.00 m | 20261230 | 588.8 ^C | 1 |
| 2.00 m x 2.50 m | 20262025 | 785.0 ^C | 1 |
| 1.50 m x 2.50 m | 20261525 | 588.8 ^C | 1 |
| 1.25 m x 2.50 m | 20261225 | 490.6 ^C | 1 |
| 2.00 m x 2.00 m | 20262020 | 628.0 ^B | 1 |
| 1.50 m x 2.00 m | 20261520 | 471.0 ^B | 1 |
| 1.25 m x 2.00 m | 20261220 | 392.5 ^B | 1 |



Cold asphalt for ramps

polymer bitumen emulsion solution, ready for use, two-component special asphalt repair mortar, cold processable

| | Part-No. | Kg | Unit |
|--|----------|-------------------|------|
| | 2026150 | 20.0 ^A | 1 |



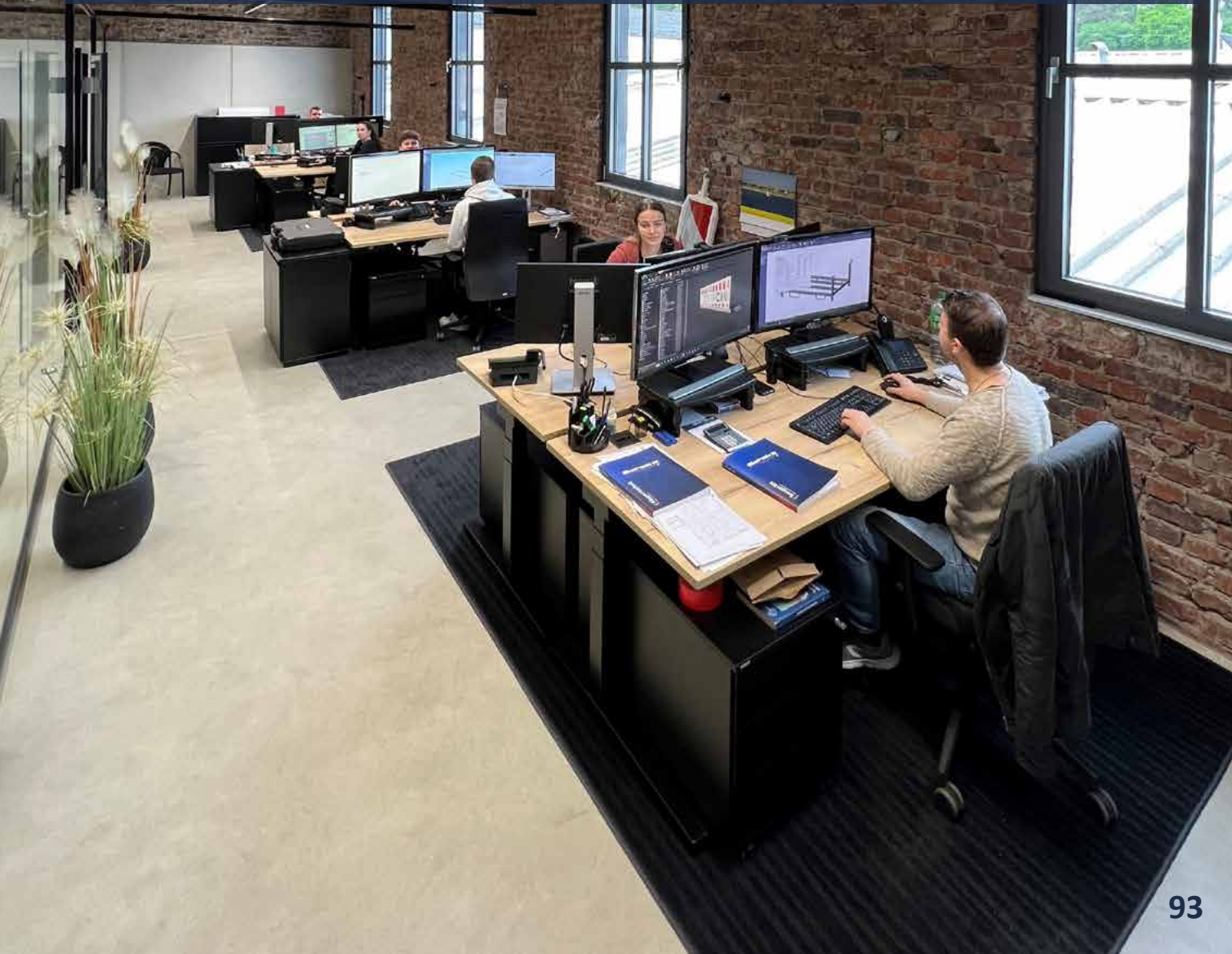
Special shoring bridges acc. to your individual requirements!

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.



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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

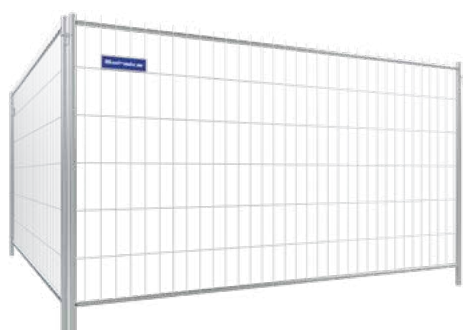
Formwork

Building support safety

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Building site installation

Barrier free construction site



Mobile fence „Standard“

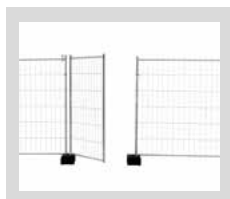
as barrier around construction sites, mobile fence pre-galvanized, with tubular frame all around, vertical tubes Ø 40.0 mm, horizontal tubes Ø 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 3.4 mm, wire size horizontal: 3.8 mm, 33 vertical wires, 5 horizontal wires, projecting wire ends as climb-over protection, easy handling, appropriate quality

| Element | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035 | 16.0 c | 35 |

| | | | |
|--|---------|--------|----|
| Element with hooks and eyes width 3.50 m, height: 2.00 m | 3B2035H | 16.0 c | 35 |
|--|---------|--------|----|

| | | | |
|--|--------|--------|----|
| Compensation element width: 2.20 m, height: 2.00 m | 3B2022 | 11.5 b | 35 |
|--|--------|--------|----|

| | | | |
|--|--------|-------|----|
| Door element width: 1.20 m, height: 2.00 m | 3B2012 | 7.0 b | 10 |
|--|--------|-------|----|



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 |
|-------------------------------|-----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035PRO | 16.0 c | 35 |

| | | | |
|--|------------|--------|----|
| Element with hooks and eyes width 3.50 m, height: 2.00 m | 3B2035PROH | 16.0 c | 35 |
|--|------------|--------|----|

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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035P | 17.5 c | 35 |



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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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 1.20 m | 3B1235 | 10.5 c | 35 |

Element with hooks and eyes

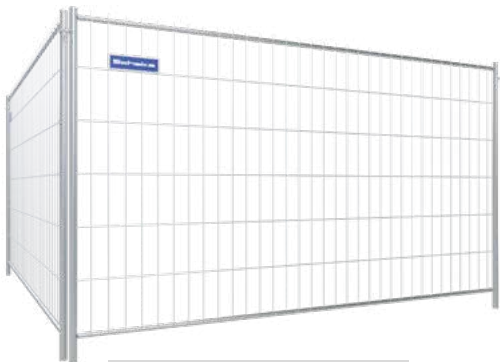
| | | | |
|-------------------------------|---------|--------|----|
| width: 3.50 m, height: 1.20 m | 3B1235H | 10.5 c | 35 |
|-------------------------------|---------|--------|----|

Compensation element

| | | | |
|-------------------------------|--------|-------|----|
| width: 2.20 m, height: 1.20 m | 3B1222 | 8.0 B | 35 |
|-------------------------------|--------|-------|----|

Door element

| | | | |
|-------------------------------|--------|-------|----|
| width: 1.20 m, height: 1.20 m | 3B1212 | 6.5 B | 10 |
|-------------------------------|--------|-------|----|



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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035L | 13.0 c | 35 |

Element with hooks and eyes

| | | | |
|-------------------------------|----------|--------|----|
| width: 3.50 m, height: 2.00 m | 3B2035LH | 13.0 c | 35 |
|-------------------------------|----------|--------|----|



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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035C | 11.5 c | 40 |

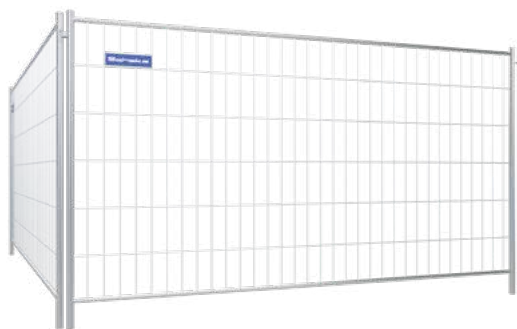


Mobile fence „Secure“

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 |
|-----------------------------|----------|--------|------|
| Element Secure | 3B2035S | 25.0 c | 35 |
| Element Secure Light | 3B2035SL | 15.5 c | 35 |

| | Mesh size: | Wire thickness: |
|---|--------------------|--------------------|
| standpipes \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“

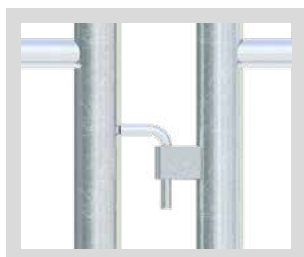
as fence around construction sites, mobile site fence hot-dip galvanized, with tubular frame all around, vertical tubes \varnothing 42.0 mm, horizontal tubes \varnothing 26.9 mm, mesh size: vertical: 100 mm, horizontal: 300 mm, wire size vertical: 3.5 mm, wire size horizontal: 4.0 mm, 33 vertical wires, 7 horizontal wires, professional quality for all requirements

| Element | Part-No. | Kg | Unit |
|------------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036 | 19.0 c | 35 |
| Element with hooks and eyes | | | |
| width: 3.50 m, height: 2.00 m | 3B2036H | 19.0 c | 35 |

| | | | |
|-------------------------------|--------|--------|----|
| Compensation element | | | |
| width: 2.20 m, height: 2.00 m | 3B2023 | 16.0 B | 35 |

| | | | |
|---|---------|--------|----|
| Compensation element with hooks and eyes | | | |
| width: 2.20 m, height: 2.00 m | 3B2023H | 16.0 B | 35 |

| | | | |
|-------------------------------|-------|--------|----|
| Door element | | | |
| width: 1.20 m, height: 2.00 m | 3B620 | 10.0 B | 10 |



For all mobile fences „Profi“:



More stability because the cross tube welded in the standpipe!

Traffic safety

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Mobile fence

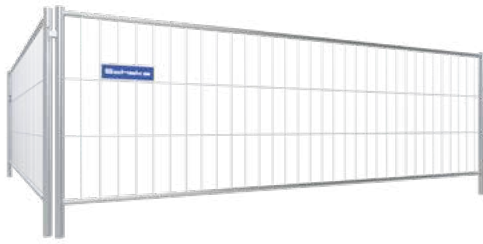
Formwork

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Building site installation

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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

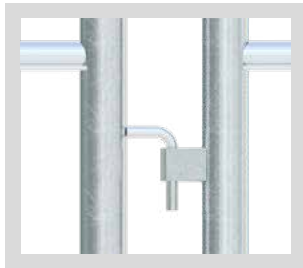
| Element | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 1.20 m | 3B1236 | 13.0 c | 35 |

| Element with hooks and eyes | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 1.20 m | 3B1236H | 13.0 c | 35 |

| Compensation element | Part-No. | Kg | Unit |
|-------------------------------|----------|-------|------|
| width: 2.20 m, height: 1.20 m | 3B1223 | 8.0 B | 35 |

| Compensation element with hooks and eyes | Part-No. | Kg | Unit |
|--|----------|-------|------|
| width: 2.20 m, height: 1.20 m | 3B1223H | 8.0 B | 35 |

| Door element | Part-No. | Kg | Unit |
|-------------------------------|----------|-------|------|
| width: 1.20 m, height: 1.20 m | 3B3612 | 7.0 B | 10 |



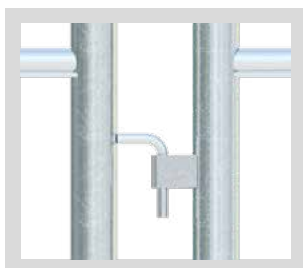
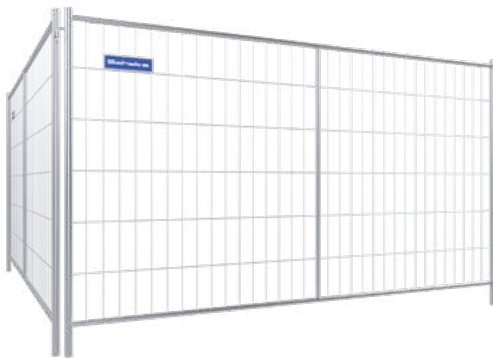
Mobile fence „Profi P“

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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036P | 20.0 c | 35 |

| Element with hooks and eyes | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036PH | 20.0 c | 35 |

i Compensation and door element see page 97, line Profi.

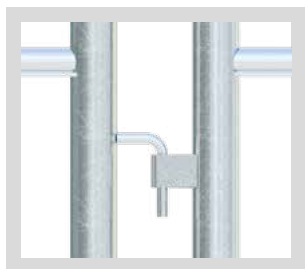


Mobile fence „Profi S“

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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036SH | 24.0 c | 35 |





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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036M | 25.0 c | 35 |

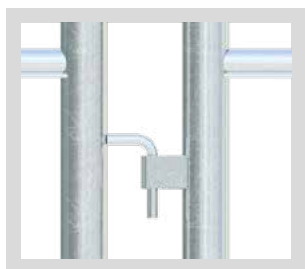
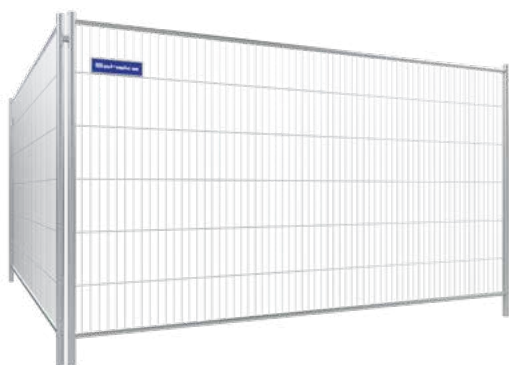
| Element with hooks and eyes | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036MH | 25.0 c | 35 |

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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036R | 18.5 c | 35 |

| Element with hooks and eyes | Part-No. | Kg | Unit |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2036RH | 18.5 c | 35 |

i Compensation and door element see page 97, line Profi

Traffic safety

Infrastructure building

Mobile fence

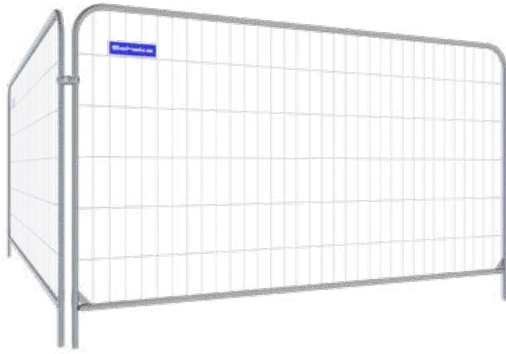
Formwork

Building support safety

Storage - transport

Building site installation

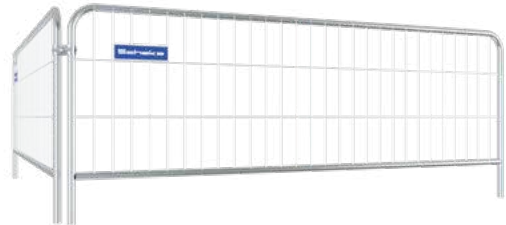
Barrier free construction site



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 |
|-------------------------------|----------|--------|------|
| width: 3.50 m, height: 2.00 m | 3B2035E | 13.4 c | 35 |



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 |
|------------|----------|--------|------|
| galvanized | 3B1230 | 10.5 c | 35 |



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 |
|------------|----------|-------|------|
| galvanized | 32116 | 1.3 B | 2 |



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 |
|-------------------------|----------|-------|------|
| galvanized + coated red | 3B20H1 | 0.3 A | 1 |



i Mobile fence overview



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 |
|----------------------------------|----------|--------|------|
| galvanized | 3B1222V | 28.0 B | 25 |
| sheet metal panel: blue | 3B1222B | 28.0 B | 25 |
| sheet metal panel: blue / yellow | 3B1222BG | 28.0 B | 25 |
| sheet metal panel: red | 3B1222R | 28.0 B | 25 |
| sheet metal panel: red / yellow | 3B1222RG | 28.0 B | 25 |
| sheet metal panel: red / white | 3B1222RW | 28.0 B | 25 |

i Minimum purchase: 1 packing unit

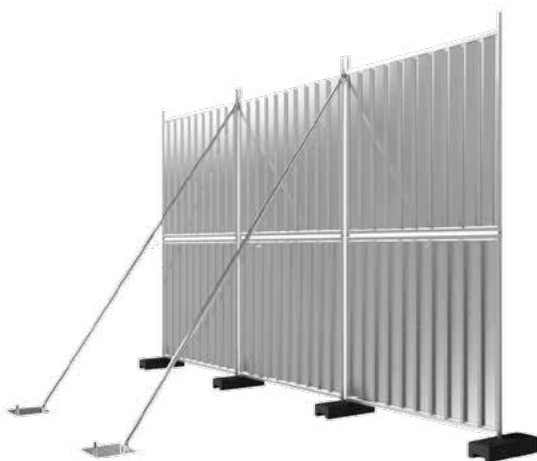


Mobile fence „Trapez 2.00 m“

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 |
|----------------------------------|----------|--------|------|
| galvanized | 3B2022V | 35.0 B | 25 |
| sheet metal panel: blue | 3B2022B | 35.0 B | 25 |
| sheet metal panel: blue / yellow | 3B2022BG | 35.0 B | 25 |
| sheet metal panel: red | 3B2022R | 35.0 B | 25 |
| sheet metal panel: red / yellow | 3B2022RG | 35.0 B | 25 |
| sheet metal panel: red / white | 3B2022RW | 35.0 B | 25 |

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 |
|------------|----------|--------|------|
| galvanized | 3B1544 | 24.0 B | 15 |

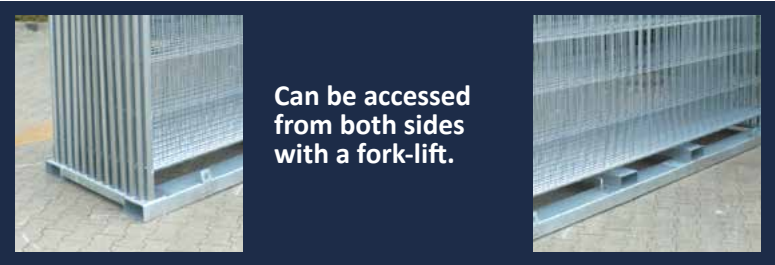
Adapter piece

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

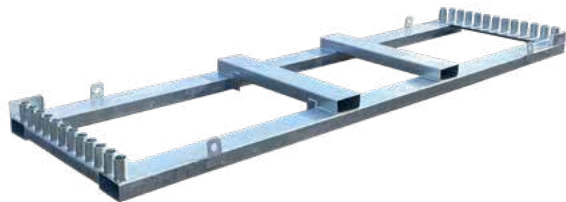


| | Part-No. | Kg | Unit |
|------------|----------|-------|------|
| galvanized | 3B157 | 2.0 A | 20 |

Traffic safety



Infrastructure building



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 |
|----------------------|----------|---------|------|
| for 25 mobile fences | 3B210 | 100.0 c | 1 |
| for 29 mobile fences | 3B211 | 110.0 c | 1 |

i For mobile fences: stand pipe max. Ø 40 mm - cross pipe max. Ø 29 mm

Mobile fence



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 |
|------------|----------|--------|------|
| galvanized | 3B211-W | 22.7 B | 1 |

Formwork



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 |
|------------|----------|---------|------|
| galvanized | 3B215 | 140.0 c | 1 |

Suitable for base plates of concrete or recycled plastic material

Building support safety



Storage - transport



Storage and transport pallet for mobile fences

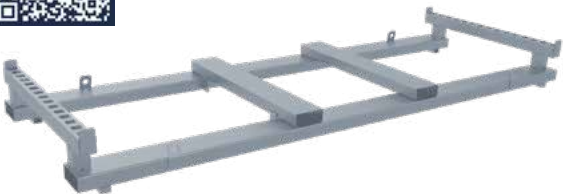
pallet for horizontal transport and storage of mobile fences, galvanized steel construction, quantity depends on type of mobile fence, can be moved by fork lift or crane, removable tubes for easy remove and assembly incl. bores for fixing of lashing straps

| | Part-No. | Kg | Unit |
|---|----------|--------|------|
| for 60 mobile fences, overall height 2.30 m | 3B209FG | 99.5 c | 1 |
| for 30 mobile fences, overall height 1.20 m | 3B209FK | 86.0 c | 1 |

Building site installation



Barrier free construction site



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 |
|------------|----------|---------|------|
| galvanized | 3B213 | 109.0 c | 1 |



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 |
|------------|----------|--------------------|------|
| galvanized | 3B212T | 160.0 ^c | 1 |

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 |
|------------|----------|-------------------|------|
| galvanized | 3B212T-W | 11.9 ^A | 1 |

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 |
|------------|-----------|--------------------|------|
| galvanized | 3B212T-15 | 139.7 ^c | 1 |

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 |
|------------|-----------|-------------------|------|
| galvanized | 3B212T-10 | 78.0 ^c | 1 |

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 |
|------------|----------|--------------------|------|
| galvanized | 3B211K | 185.0 ^c | 1 |

Fences and feet can be unloaded together and set up directly. Suitable for concrete feet and feet of recycled plastic material.

i Also available as a packed set

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

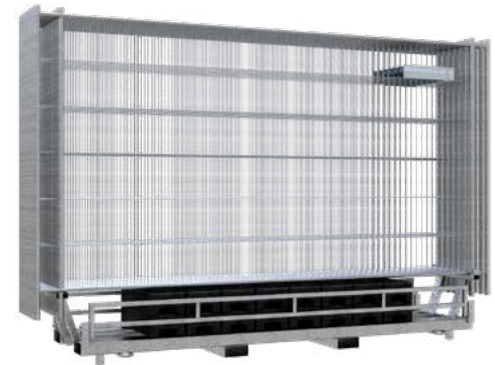
Barrier free construction site



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)

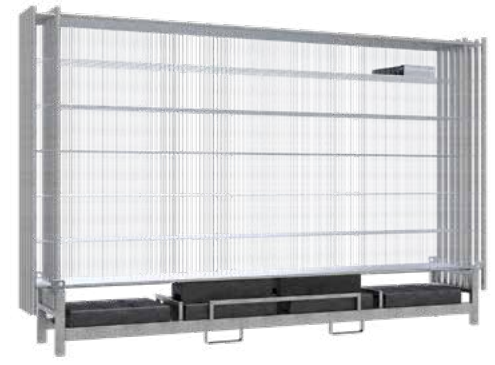
| | Part-No. | Kg | Unit |
|--|-------------|----------|------|
| incl. mobile fence „Light“ | 3B212T-SET1 | 1150.0 c | 1 |
| incl. mobile fence „Standard“ | 3B212T-SET2 | 1240.0 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3B212T-SET3 | 1330.0 c | 1 |



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 |
|--|----------------|---------|------|
| incl. mobile fence „Light“ | 3B212T-15-SET1 | 634.2 c | 1 |
| incl. mobile fence „Standard“ | 3B212T-15-SET2 | 703.2 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3B212T-15-SET3 | 700.0 c | 1 |

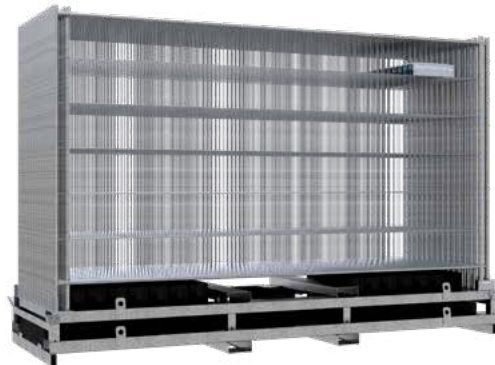


Mobile fence set with twin pallet 10

- 10 x mobile fence
- 10 x base plate of recycled plastic material (part-no. 3F110)
- 1 x twin pallet (part-no. 3B212T-10)



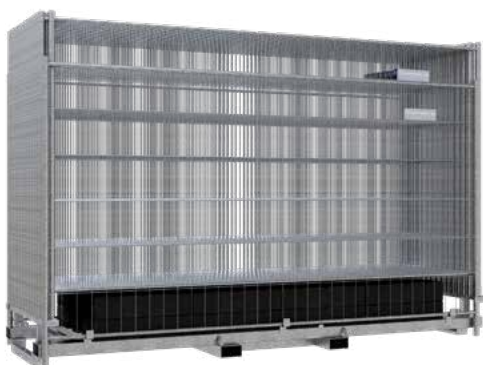
| | Part-No. | Kg | Unit |
|--|----------------|---------|------|
| incl. mobile fence „Light“ | 3B212T-10-SET1 | 407.3 c | 1 |
| incl. mobile fence „Standard“ | 3B212T-10-SET2 | 437.3 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3B212T-10-SET3 | 437.3 c | 1 |



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 |
|--|------------|----------|------|
| incl. mobile fence „Light“ | 3B211-SET1 | 1185.0 c | 1 |
| incl. mobile fence „Standard“ | 3B211-SET2 | 1223.0 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3B211-SET3 | 1310.0 c | 1 |



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 |
|--|-------------|----------|------|
| incl. mobile fence „Light“ | 3B211K-SET1 | 1079.0 c | 1 |
| incl. mobile fence „Standard“ | 3B211K-SET2 | 1217.0 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3B211K-SET3 | 1344.0 c | 1 |



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 |
|--|---------------|---------|------|
| incl. mobile fence „Cloud“ | BZ-20CLOUD | 691.4 c | 1 |
| incl. mobile fence „Standard“ | BZ-20STANDARD | 841.4 c | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | BZ-20PROFI | 806.6 c | 1 |



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 |
|--|------------|---------|------|
| incl. mobile fence „Standard“ | 32000-SET1 | 310.0 B | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 32000-SET2 | 400.0 B | 1 |

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 |
|----------|----------|-------------------|------|
| concrete | 3F100 | 36.0 ^s | 24 |

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 |
|----------|----------|-------------------|------|
| concrete | 3F101 | 25.0 ^s | 25 |

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 |
|----------|----------|-------------------|------|
| concrete | 3F105 | 35.5 ^s | 25 |

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 |
|-------------------|----------|-------------------|------|
| recycled material | 3F112 | 24.0 ^s | 50 |
| recycled material | 3F110 | 20.0 ^s | 50 |

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 |
|-------------------|----------|-------------------|------|
| recycled material | 3F113 | 26.0 ^s | 50 |
| recycled material | 3F111 | 20.0 ^s | 50 |

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 |
|-------------------|----------|-------------------|------|
| recycled material | 3F110L | 16.0 ^s | 20 |

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 |
|------------|----------|-------------------|------|
| galvanized | 3B231 | 96.0 ^B | 1 |

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 |
|------------|----------|--------------------|------|
| galvanized | 3B215 | 140.0 ^C | 1 |

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 |
|------------|----------|-------------------|------|
| galvanized | 50385V | 38.0 ^B | 1 |

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 |
|------------|----------|--------------------|------|
| galvanized | 3B212T | 160.0 ^C | 1 |



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 |
|------------------------------------|----------|------------------|------|
| galvanized, 1,5 mm sheet thickness | 3VB10L | 0.2 ^A | 50 |
| galvanized, 2,5 mm sheet thickness | 3VB10 | 0.3 ^A | 50 |
| galvanized, 5,0 mm sheet thickness | 3VB10V | 0.5 ^A | 50 |

Infrastructure building



Safety connection clamp

for mobile fences, can only be opened with special tool

| | Part-No. | Kg | Unit |
|------------------------------------|----------|------------------|------|
| galvanized, 2,5 mm sheet thickness | 3VB10S | 0.5 ^A | 50 |
| galvanized, 5,0 mm sheet thickness | 3VB10SV | 0.5 ^A | 50 |
| special tool | 3VB11 | 0.1 ^A | 1 |

Mobile fence



High-safety connection clamp

for mobile fences, can only be opened with special tool

| | Part-No. | Kg | Unit |
|------------------------------------|----------|------------------|------|
| galvanized, 5,0 mm sheet thickness | 3VB10HV | 0.5 ^A | 50 |
| special tool | 3VB12 | 0.1 ^A | 1 |

Formwork



Connector

for mobile fences, screws included
(deployable without screws)

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 33328 | 0.1 ^A | 50 |

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 |
|------|----------|------------------|------|
| each | 60100 | 3.0 ^A | 1 |

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 |
|-------------------------------------|----------|------------------|------|
| galvanized, sheet thickness 2.50 mm | 3B20-A | 1.0 ^A | 20 |

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 |
|-------------------------------|-----------|------------------|------|
| mobile fence net white | 3FB36W | 0.8 ^A | 5 |
| mobile fence net green | 3FB36G | 0.8 ^A | 5 |
| flame resistant, B1 certified | | | |
| mobile fence net white | 3FB36W-B1 | 1.0 ^A | 5 |
| mobile fence net green | 3FB36G-B1 | 1.0 ^A | 5 |

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 |
|------------------------------------|------------|------------------|------|
| screen tarpaulins white | 3FB35 | 0.8 ^A | 5 |
| screen tarpaulins green | 3FB35G | 0.8 ^A | 5 |
| screen tarpaulins black | 3FB35S | 0.8 ^A | 5 |
| screen tarpaulins blue | 3FB35B | 0.8 ^A | 5 |
| screen tarpaulins with Schake Logo | 3FB35 Logo | 0.8 ^A | 5 |
| certified to EN 13501 | 3FB35-B1 | 0.8 ^A | 5 |

Screen tarpaulins, white

same as above, but reels for 2.00 m high mobile site fence, length: 20 m

| | Part-No. | Kg | Unit |
|-------------------------|----------|------------------|------|
| screen tarpaulins white | 3FBR35 | 5.0 ^A | 1 |



i 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. |
|-------------------------------|----------|
| Mobile fence screen tarpaulin | 3FB35KL |
| Mobile fence net | 3FB36KL |

Traffic safety

Infrastructure building

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 |
|------------|----------|------------------|------|
| galvanized | 3B150 | 4.5 ^B | 50 |



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

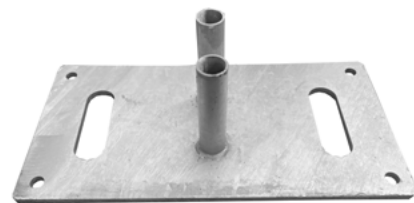
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 3B151 | 12.5 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 3B152 | 2.0 ^A | 10 |

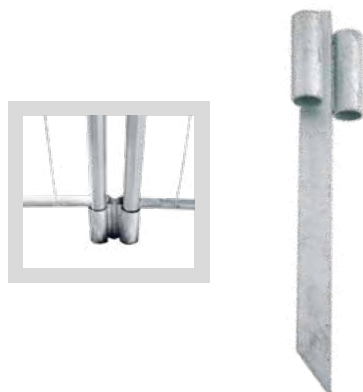


Base plate made of steel

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 |
|------------|----------|------------------|------|
| galvanized | 3F158 | 9.8 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 3B153 | 2.6 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 3B156 | 0.8 ^A | 10 |



Barbed wire

made of heavy galvanized wires
2-wiry, 4-spiky, top distance 100 mm

| | Part-No. | Kg/roll | Unit |
|------------------|----------|-------------------|-------|
| thickness 1.7 mm | 3B156-4 | 12.5 ^A | 250 m |
| thickness 2.5 mm | 3B156-5 | 20.5 ^A | 200 m |



Binding wire

annealed wire 2.00 mm, black

| | Part-No. | Kg/roll | Unit |
|--------|----------|------------------|------|
| 2.0 mm | 3B156-6 | 5.0 ^A | 1 |



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 |
|-------------------------------------|----------|------------------|------|
| \varnothing 14 mm, length: 500 mm | 301405ST | 0.8 ^A | 1 |
| \varnothing 16 mm, length: 750 mm | 301607ST | 1.4 ^A | 1 |



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Mobile fence support strut

stabilizes mobile fence elements, with welded base plate and holes for driving in group 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 |
|--|----------|-------|------|
| galvanized without clamp, without ground peg | 3B154 | 4.9 B | 10 |
| galvanized with clamp, without ground peg | 3B154-1 | 5.2 B | 10 |
| galvanized with clamp, with ground peg | 3B154-2 | 6.4 B | 10 |



Height: approx. 1.00 m, for 2.00 m mobile fence

| | Part-No. | Kg | Unit |
|--|----------|-------|------|
| galvanized without clamp, without ground peg | 3B1541 | 3.6 A | 10 |
| galvanized with clamp, without ground peg | 3B1541-1 | 3.9 A | 10 |
| galvanized with clamp, with ground peg | 3B1541-2 | 5.1 A | 10 |



Mobile fence support strut with tube-port

stabilizes mobile fence elements, with welded base plate and holes for driving in group 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 |
|--|----------|-------|------|
| galvanized without clamp, without ground peg | 3B1542 | 4.8 B | 10 |
| galvanized with clamp, without ground peg | 3B1542-1 | 5.1 B | 10 |
| galvanized with clamp, with ground peg | 3B1542-2 | 6.3 B | 10 |



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 |
|---|----------|--------|------|
| galvanized without clamp | 3B1543 | 14.0 B | 10 |
| galvanized with clamp | 3B1543-1 | 14.3 B | 10 |
| galvanized without clamp and ground peg | 3B1543-2 | 15.0 B | 10 |

i Storage of support struts also possible in stackable pallets, see segment: Storage - transport



with latch

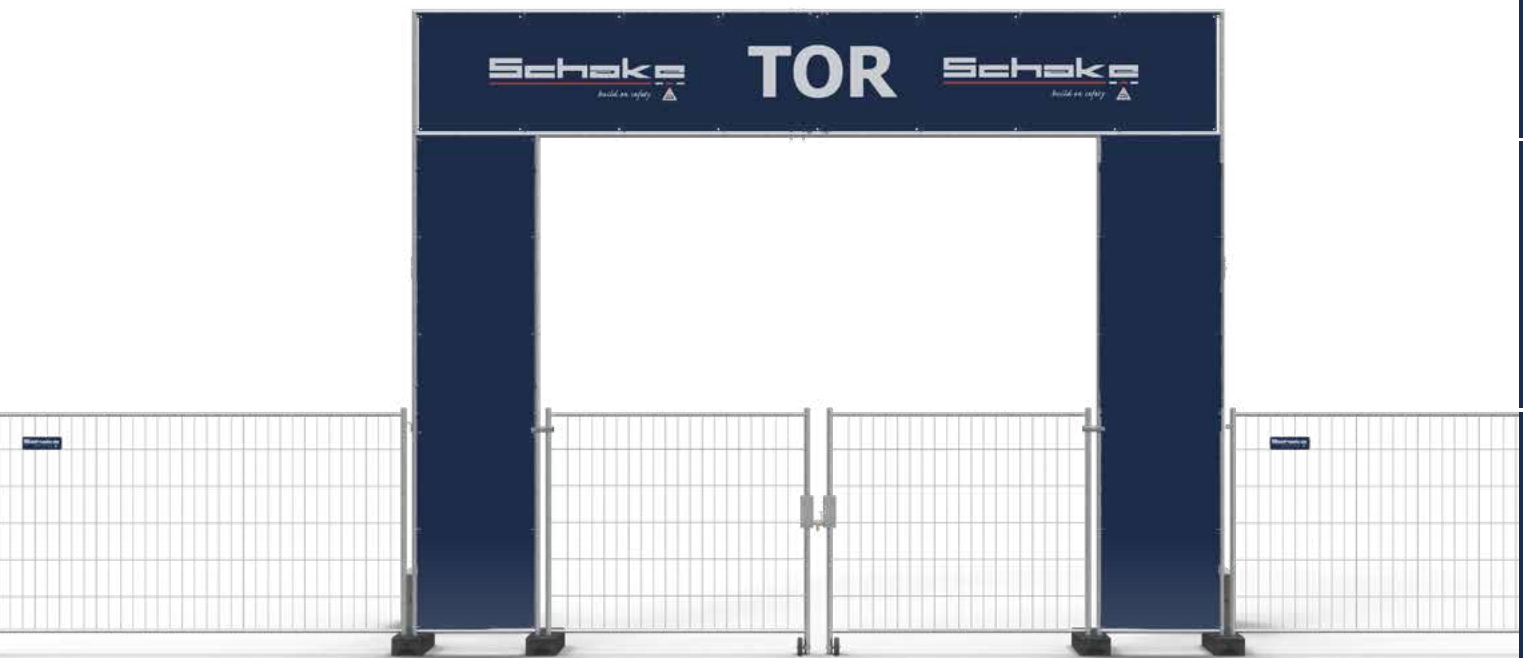
Mobile fence door

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 |
|-----------------|----------|-------------------|------|
| with latch | 3B36T | 53.0 ^B | 1 |
| with panic lock | 3B36FT | 53.0 ^B | 1 |



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 |
|----------|----------------------|------|
| 3B360T | 1435.00 ^S | 1 |

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Mobile fence

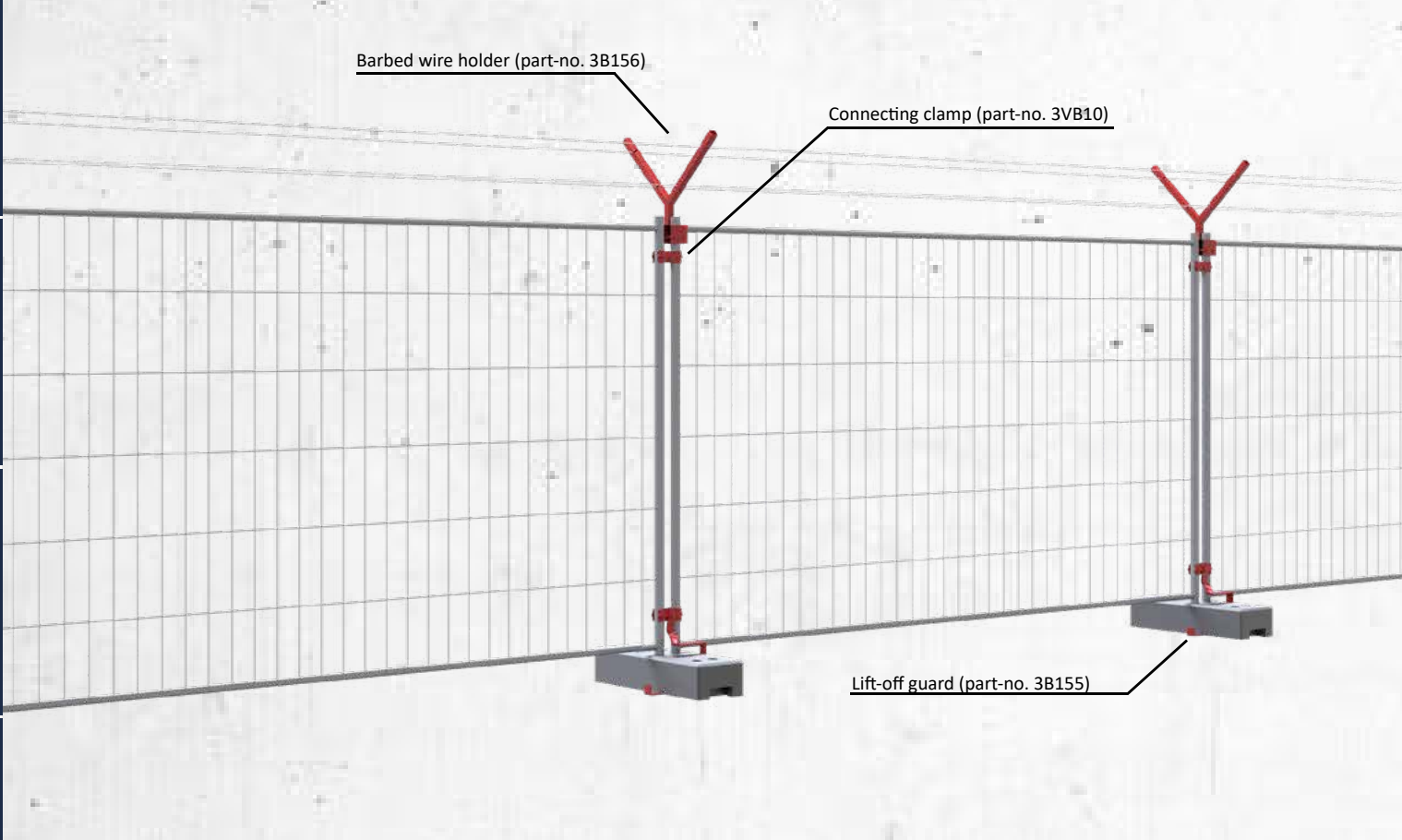
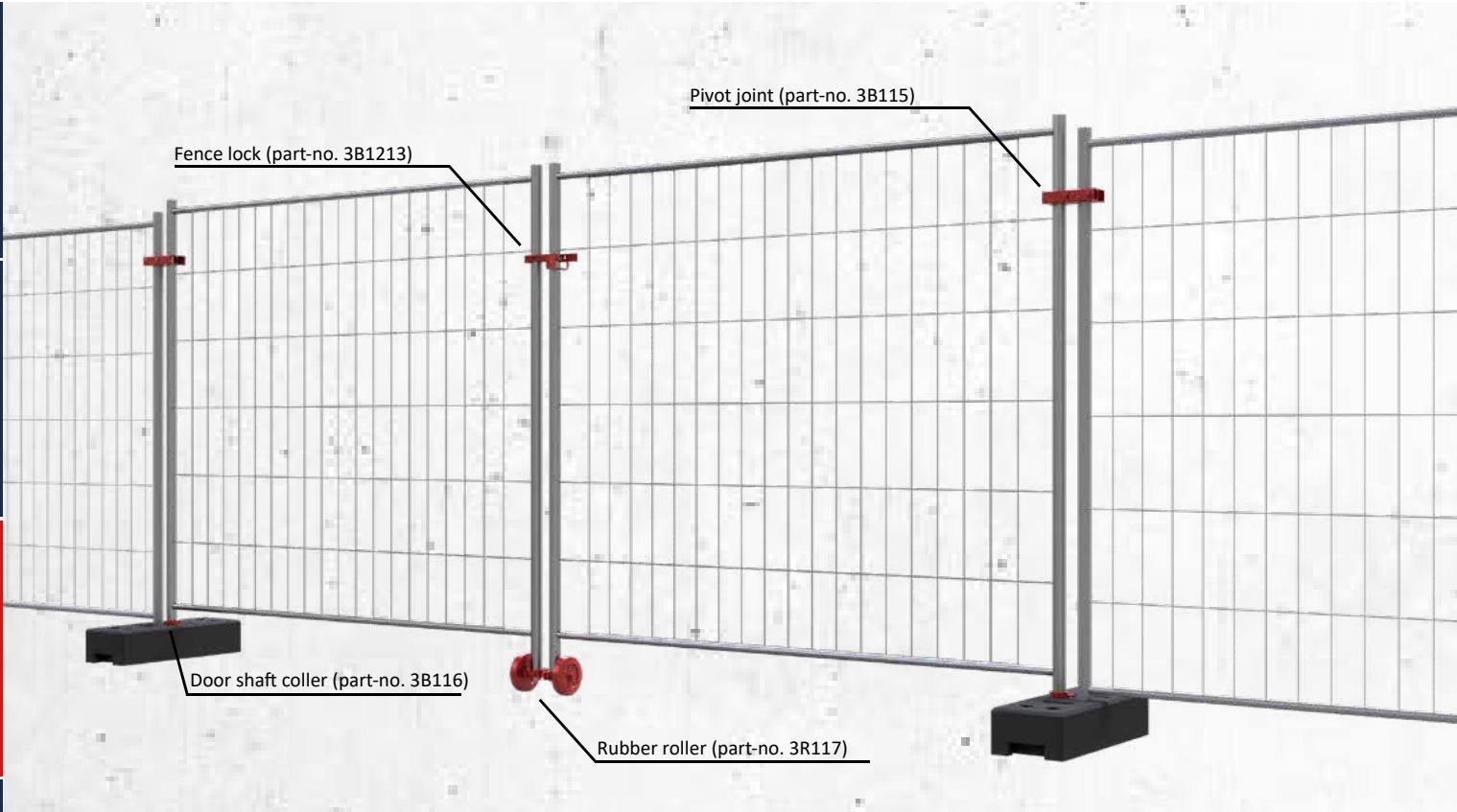
Formwork

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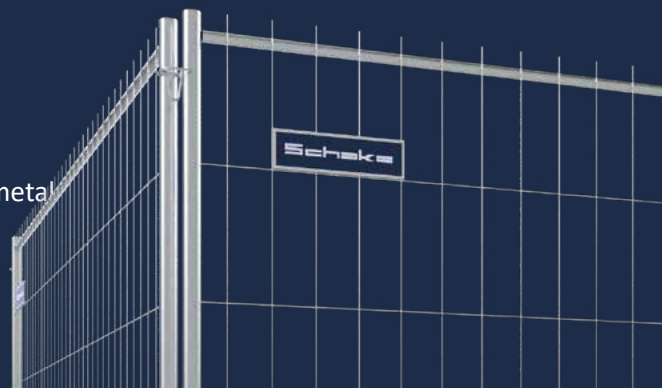
Barrier free construction site



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 |
|----------|-----|------|
| BZS | 0.1 | 35 |





Fence lock

u-shackle, with padlock

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 3B1213 | 2.0 ^A | 5 |



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 |
|----------|------------------|------|
| 3R120 | 4.8 ^A | 1 |



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 |
|----------|----------|------------------|------|
| Ø 150 mm | 3R117 | 1.3 ^A | 1 |



Roller

for site fence door element, including clamp

| | Part-No. | Kg | Unit |
|----------|----------|------------------|------|
| Ø 200 mm | 3R116 | 1.5 ^A | 1 |



Door shaft collar

suitable for all elements, with locking screw

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 3B116 | 0.6 ^A | 1 |



3B115

Pivot joint

for use with door elements, including bolt and nut execution: galvanized



| | Part-No. | Kg | Unit |
|---|----------|------------------|------|
| Especially for mobile fence „Profi“ or other types of mobile fences | 3B115 | 1.0 ^A | 1 |



3B115-1

| | | | |
|--|---------|------------------|---|
| Not suitable for mobile fences with cross tube welded in standpipe | 3B115-1 | 1.0 ^A | 1 |
|--|---------|------------------|---|



Lift-off guard

to secure all mobile fence elements, consisting of connection clamp and catch

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 3B155 | 0.5 ^A | 10 |

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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 |
|--|---------------|--------|------|
| purely mechanical | VPDR21VMB0203 | 1333.0 | s 1 |
| electro-mechanical, without access control | VPDR21VOB0021 | 1333.0 | s 1 |
| electro-mechanical, local access control | VPDR21VEB0024 | 1333.0 | s 1 |

| galvanized + black mat powder coated | Part-No. | Kg | Unit |
|--|---------------|--------|------|
| purely mechanical | VPDR21SMB0205 | 1333.0 | s 1 |
| electro-mechanical, without access control | VPDR21SOB0033 | 1333.0 | s 1 |
| electro-mechanical, local access control | VPDR21SEB0036 | 1333.0 | s 1 |

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 |
|---------------------------|---------------|--------|------|
| construction fence module | VPDT22VOB0134 | 1677.0 | s 1 |

| galvanized + black mat powder coated | Part-No. | Kg | Unit |
|--------------------------------------|---------------|--------|------|
| construction fence module | VPDT22SOB0146 | 1677.0 | s 1 |

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 |
|---|---------------|--------|------|
| galvanized site fence module, door handle | VPDP22VOB0191 | 1130.0 | s 1 |
| galvanized + black mat powder coated construction fence module, door handle | VPDP22SOB0192 | 1130.0 | s 1 |
| double wire mesh fence module, door handle | VPDP22SOD0195 | 1130.0 | s 1 |
| construction fence module, escape door | VPDP22SFB0235 | 1140.0 | s 1 |
| construction fence module, knob | VPDP22SKB0244 | 1130.0 | s 1 |

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 |
|---|---------------|--------|------|
| galvanized without fence module | VPST22VOO0197 | 1890.0 | s 1 |
| construction fence module | VPST22VOB0124 | 1890.0 | s 1 |
| galvanized + black mat powder coated without fence module | VPST22SOO0199 | 1890.0 | s 1 |
| construction fence module | VPST22SOB0113 | 1890.0 | s 1 |



Traffic safety

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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 |
|-------------------|----------|------------------|------|
| yellow 360° lense | 31210G | 1.0 ^A | 5 |
| red 360° lense | 31210R | 1.0 ^A | 5 |



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 |
|----------|---------------------|------|
| 3F200 | 1500.0 ^S | 1 |



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 |
|----------|------------------|------|
| 3F200-1 | 6.5 ^A | 1 |



Safety bolt for concrete guardrail type 20

for mounting mobile fences and panel fences on concrete guardrail, made of steel, hot-dip galvanized

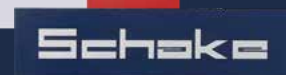
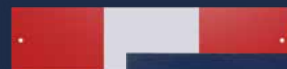
| Part-No. | Kg | Unit |
|----------|------------------|------|
| 3F200-2 | 0.6 ^A | 1 |



Concrete guardrail logo-sign

Large advertising space for attaching individual customer logos printed up to 4 colors

| Part-No. | Kg | Unit |
|----------|-----|------|
| ASV-605 | 0.5 | 24 |
| ASV-Logo | 0.5 | 24 |





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 |
|-------------------------------|-------------|----------|------|
| incl. mobile fence „Standard“ | 3F200-SET1S | 1522.7 s | 1 |
| incl. mobile fence „Profi“ | 3F200-SET1P | 1522.7 s | 1 |

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 |
|---|----------------|----------|------|
| incl. panel fence „NOX“ without lamp adapter | 3F200-SET2-4K | 1521.0 s | 1 |
| with lamp adapter | 3F200-SET2-4KA | 1521.0 s | 1 |

| | Part-No. | Kg | Unit |
|---|----------------|----------|------|
| incl. panel fence „NOX Light“ without lamp adapter | 3F200-SET2-5K | 1521.0 s | 1 |
| with lamp adapter | 3F200-SET2-5KA | 1521.0 s | 1 |

| | Part-No. | Kg | Unit |
|---|----------------|----------|------|
| incl. panel fence „Ultra“ without lamp adapter | 3F200-SET2-6K | 1521.0 s | 1 |
| with lamp adapter | 3F200-SET2-6KA | 1521.0 s | 1 |

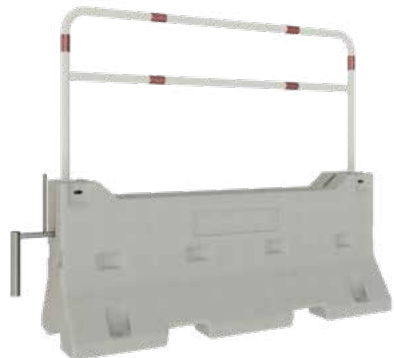


Concrete guardrail set 3

- 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 |
|---|---------------|----------|------|
| Hoop of steel tube with cross bar galvanized (part-No. 465_64) | 3F200-SET3-6 | 1524.0 s | 1 |
| galv. + coated (part-No. 465_64B) | 3F200-SET3-6B | 1524.0 s | 1 |

| | Part-No. | Kg | Unit |
|--|---------------|----------|------|
| Hoop of steel tube without cross bar galvanized (part-No. 465_54) | 3F200-SET3-5 | 1524.0 s | 1 |
| galv. + coated (part-No. 465_54B) | 3F200-SET3-5B | 1524.0 s | 1 |

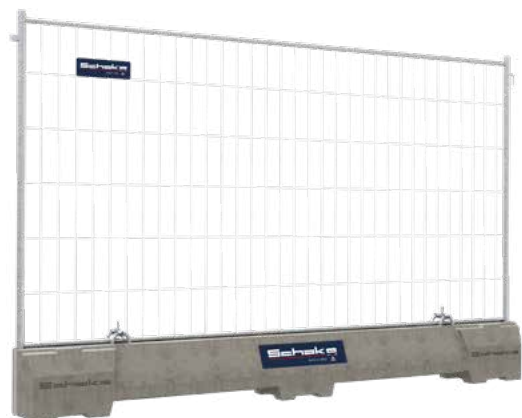




Concrete guide barrier

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 |
|----------|----------|---------------------|------|
| concrete | 3F1035 | 670.00 ^s | 1 |



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 |
|--|--------------|--------------------|------|
| incl. mobile fence „Light“ | 3F1035-SET1L | 683.0 ^s | 1 |
| incl. mobile fence „Standard“ | 3F1035-SET1S | 686.0 ^s | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3F1035-SET1P | 690.0 ^s | 1 |



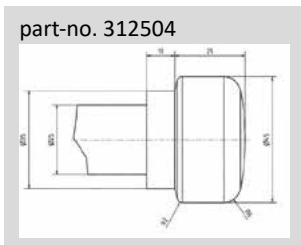
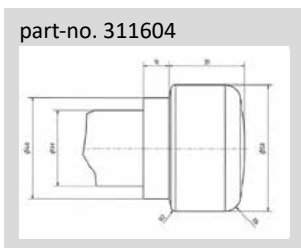
Concrete guide barrier SET 2

consisting of:

- 1 x concrete guide barrier (part-no. 3F1035)
- 1 x mobile fence 1.20 x 3.50 m

| | Part-No. | Kg | Unit |
|--|--------------|--------------------|------|
| incl. mobile fence „Standard“ | 3F1035-SET2S | 681.0 ^s | 1 |
| incl. mobile fence „Profi“ with hooks and eyes | 3F1035-SET2P | 684.0 ^s | 1 |



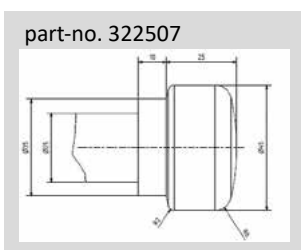


Fixing peg Type 1

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 |
|----------------|----------|------------------|------|
| 400 mm | 311604 | 0.6 ^A | 10 |
| 600 mm | 311606 | 1.0 ^A | 10 |
| 800 mm | 311608 | 1.3 ^A | 10 |

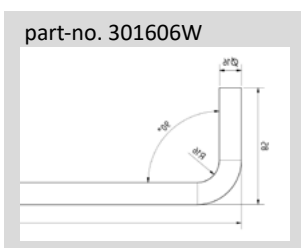
| Diameter 25 mm | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| 400 mm | 312504 | 1.6 ^A | 5 |
| 600 mm | 312506 | 2.4 ^A | 5 |
| 800 mm | 312508 | 3.3 ^A | 5 |
| 1000 mm | 312510 | 4.2 ^A | 5 |
| 1200 mm | 312512 | 5.0 ^A | 5 |



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 |
|----------------|----------|------------------|------|
| 700 mm | 322507 | 3.2 ^A | 5 |
| 900 mm | 322509 | 3.7 ^A | 5 |



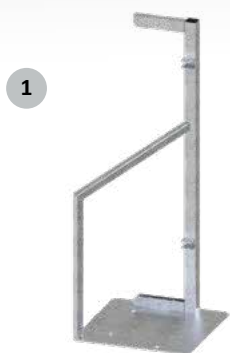
Fixing peg Type 5

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 |
|----------------|----------|------------------|------|
| 600 mm | 301606W | 1.0 ^A | 1 |

| Diameter 20 mm | Part-No. | Kg | Unit |
|----------------|----------|------------------|------|
| 600 mm | 302006W | 1.6 ^A | 1 |

i other variants and lengths on request

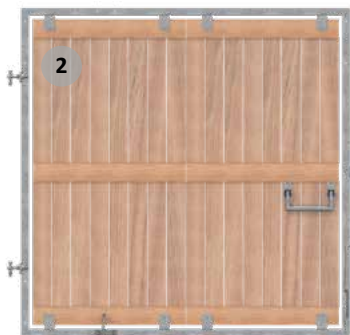


3B161TPR



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 |
|----------|--------------------|------|
| 3B161T | 330,6 ^B | 1 |

Parts of wooden mobile fence gate

| No. | Description | Part-No. | Kg | Unit |
|-----|-----------------------|-----------|------|------|
| 1. | upper part right | 3B161TPR | 77.5 | 1 |
| | upper part left | 3B161TPL | 77.5 | |
| 2. | element of gate right | 3B161TFR | 80.0 | 1 |
| | element of gate left | 3B161TFL | 80.0 | |
| 3. | padlock | E1VHB-L63 | 0.3 | 1 |



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 |
|--------|----------|-------------------|------|
| wooden | 3B165 | 50,0 ^C | 20 |



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 |
|------------|----------|-------------------|------|
| galvanized | 3B160 | 12.5 ^B | 20 |

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 |
|--------------------|----------|------------------|------|
| galvanized, 490 mm | 3B160-1 | 3.0 ^A | 20 |

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 |
|-----------------|----------|-------------------|------|
| galvanized, 90° | 3B160-E | 14.5 ^B | 5 |

Corner top

galvanized, 490 mm, 90°

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 3B160-E1 | 3.0 ^A | 5 |

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 |
|------------|----------|-------------------|------|
| galvanized | 3B160-EE | 22.0 ^B | 5 |

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 |
|------------|----------|-------------------|------|
| galvanized | 3B161 | 25.5 ^B | 5 |

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 |
|--------|----------|-------------------|------|
| wooden | 3B165 | 50.0 ^c | 20 |



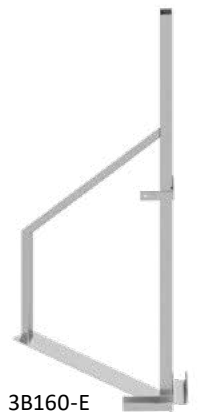
3B160



Top of wooden mobile fence stand for 2.50 m height

set up with wooden fence post

| | Part-No. | Kg | Unit |
|---------------------|----------|------------------|------|
| galvanized, 1000 mm | 3B160-2 | 4.0 ^A | 20 |



3B160-E



Top of corner wooden mobile fence stand for 2.50 m height

set up with wooden fence post

| | Part-No. | Kg | Unit |
|--------------------------|----------|------------------|------|
| galvanized, 1000 mm, 90° | 3B160-E2 | 4.0 ^B | 5 |





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 |
|------------|----------|-------------------|------|
| galvanized | 3B162 | 16.4 ^B | 5 |



outer view

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 |
|--------|----------|-------------------|------|
| wooden | 3B165-10 | 20.0 ^C | 1 |

Traffic safety

Infrastructure building

Mobile fence

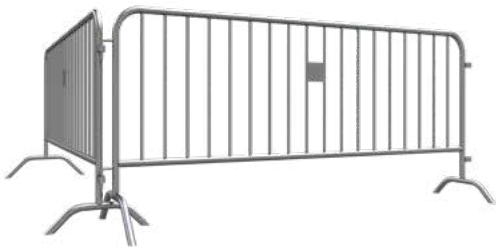
Formwork

Building support safety

Storage - transport

Building site installation

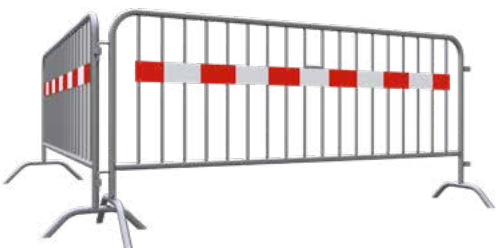
Barrier free construction site



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

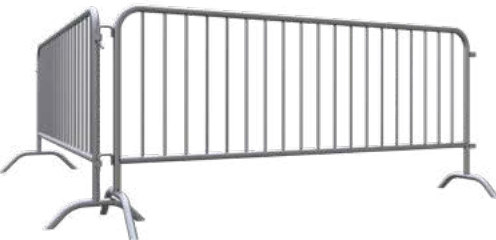
| | Part-No. | Kg | Unit |
|-------------------------|----------|-------------------|------|
| length: 2.00 m, 14 bars | 419.001 | 15.5 ^B | 25 |
| length: 2.50 m, 18 bars | 419.00 | 18.0 ^C | 25 |



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 |
|-------------------------|----------|-------------------|------|
| length: 2.00 m, 14 bars | 419.011 | 16.0 ^B | 10 |
| length: 2.50 m, 18 bars | 419.010 | 18.5 ^C | 10 |



Crowd barrier type C

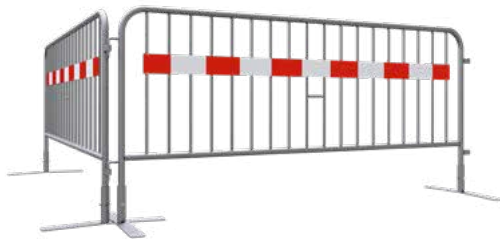
versatile application, as barrier and security of event sites, welded galvanized steel construction of \varnothing 38 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, two feet of bent round tube provide stability of the barrier, total height: 1.10 m, sturdy vertical bars provide safe barrier action

| | Part-No. | Kg | Unit |
|-------------------------|----------|-------------------|------|
| length: 2.50 m, 19 bars | 419.005 | 24.0 ^C | 25 |
| length: 1.25 m, 10 bars | 419.002S | 13.0 ^B | 25 |



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

length: 2.00 m, 14 bars
length: 2.50 m, 18 bars

| Part-No. | Kg | Unit |
|-----------|-------------------|------|
| 419.001SE | 20.0 ^B | 25 |
| 419.00SE | 22.0 ^C | 25 |

Foot for crowd barrier

Including fastening material

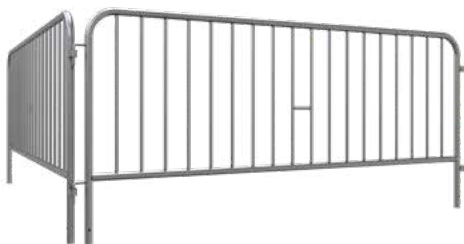


horizontally
diagonally

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 206181 | 2.0 ^A | 10 |
| 206181A | 2.0 ^A | 10 |

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



length: 2.00 m, 14 bars
length: 2.50 m, 18 bars

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 206182 | 14.0 ^B | 25 |
| 206180 | 17.0 ^C | 25 |

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

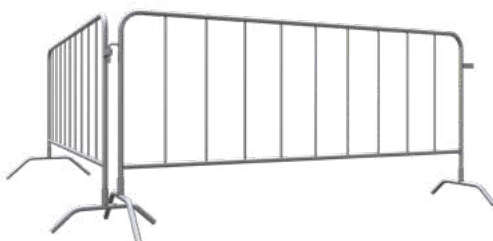


length: 2.00 m, 14 bars
length: 2.50 m, 17 bars

| Part-No. | Kg | Unit |
|-----------|-------------------|------|
| 419.001BE | 15.0 ^B | 25 |
| 419.00BE | 17.0 ^C | 25 |

Crowd barrier type L

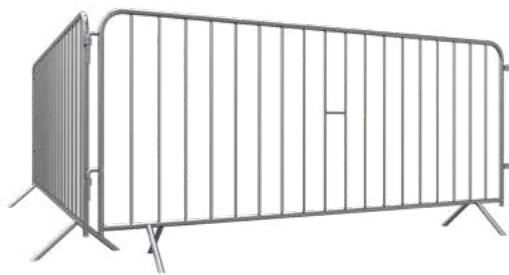
versatile application, as barrier and security of event sites, welded galvanized steel construction of \varnothing 26.9 mm round tube, hooks and connection brackets are welded to the sides for combining several elements, with two bent feet for stability of the positioned barrier, total height: 1.10 m, length: 2.50 m, sturdy vertical bars for safe barrier action



galvanized, 9 bars

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 419.00L | 11.0 ^C | 25 |

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 |
|---------------------|----------|--------|------|
| galvanized, 18 bars | 419.00E | 13.8 c | 25 |

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 |
|---------------------|-------------|--------|------|
| galvanized, 18 bars | 419.00-U200 | 20.6 c | 25 |

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 |
|------------|-----------|--------|------|
| galvanized | 419.00-CL | 10.5 c | 25 |

Building support safety

Storage - transport



i Minimum purchase: 10 pcs.

Building site installation



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 |
|--|----------|-------|------|
| | 419.00T | 8.7 B | 1 |

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 |
|----------------|---------|------|
| 419.00BE-SET35 | 782.0 c | 1 |



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 |
|---------------|---------|------|
| 419.00E-SET50 | 762.0 c | 1 |



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 |
|------------|----------|---------|------|
| galvanized | 419.02 | 122.5 c | 1 |





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 |
|------------|---------|------|
| 419.00-SET | 310.0 c | 1 |



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)

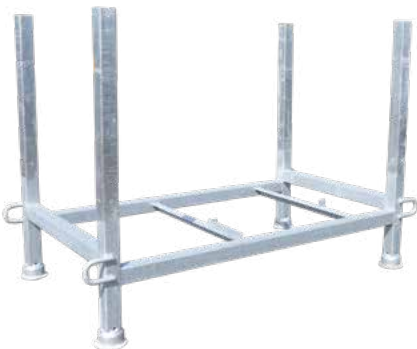
| Part-No. | Kg | Unit |
|-------------|---------|------|
| 419.00S-SET | 334.0 c | 1 |



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 |
|--------------|---------|------|
| 419.00BE-SET | 304.0 c | 1 |



Pallet for crowd barrier

for easy transportation, particularly for crowd barrier of sturdy square tube, vertical bars can be removed

| | Part-No. | Kg | Unit |
|--|----------|--------|------|
| galvanized, dimensions: 1400 x 575 x 825 mm | 419.05 | 52.0 B | 1 |
| galvanized, dimensions: 900 x 775 x 825 mm | 419.07 | 36.5 B | 1 |

| 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 |
| Pallet | | | | | | | | | | | |
| 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 |

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



Police barrier type L

robust steel frame for special operating conditions, welded construction of Ø 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 |
|------------|----------|--------|------|
| galvanized | 419.013 | 33.0 B | 5 |



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 |
|------------|----------|--------|------|
| galvanized | 50196 | 61.0 B | 5 |



Police barrier type U

robust steel frame for special operating conditions, welded construction of Ø 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 |
|------------|----------|--------|------|
| galvanized | 419.012 | 48.0 B | 5 |



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 |
|------------|----------|--------|------|
| galvanized | 50195 | 88.0 B | 5 |





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 |
|-------------|--------------------|------|
| 419.013-SET | 886.0 ^B | 1 |



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 |
|-------------|--------------------|------|
| 419.012-SET | 568.0 ^B | 1 |



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

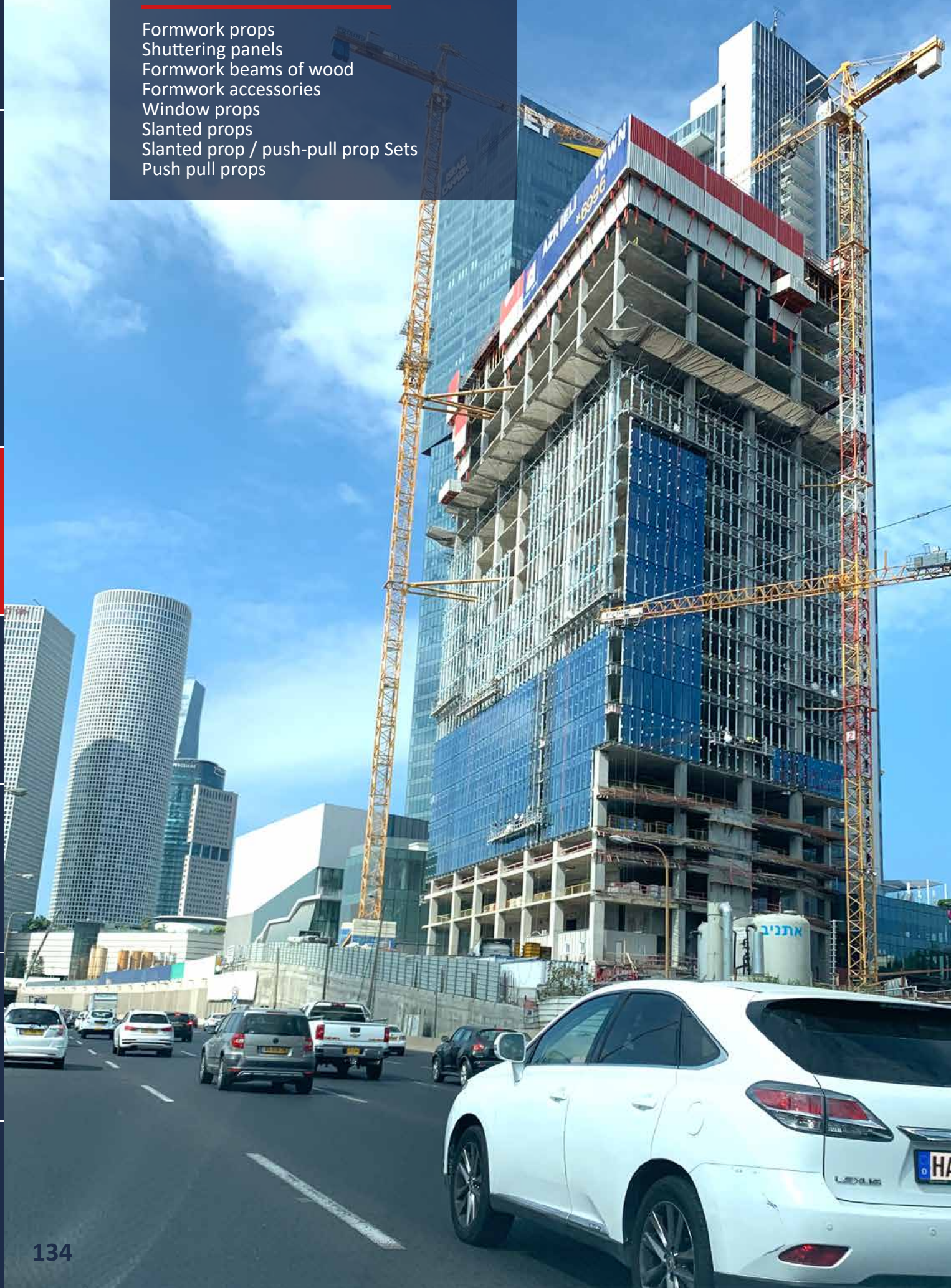
Formwork

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

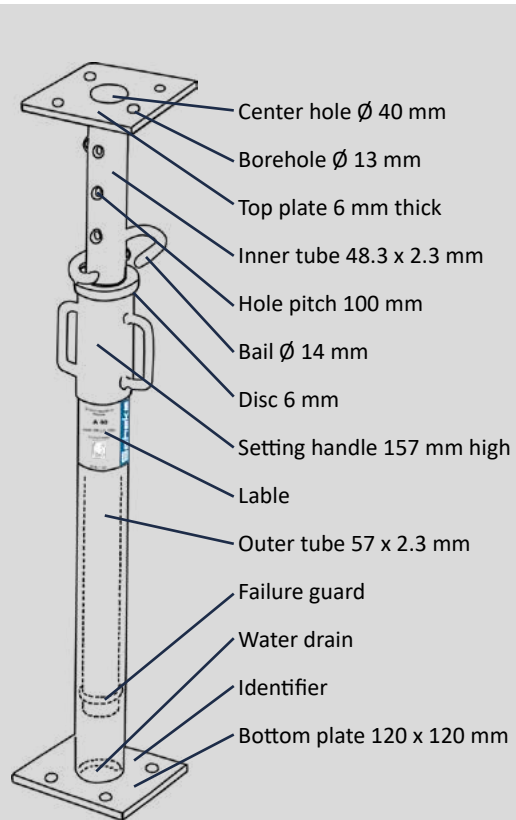


Euro formwork prop of class A

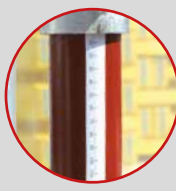
the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

Painted, with inner thread

| | | Part-No. | Kg | Unit |
|------------|--------------------------------|----------|-------------------|------|
| A25 | extent length: 1.58 m - 2.50 m | 11729 | 11.5 ^B | 50 |
| A30 | extent length: 1.89 m - 3.00 m | 11730 | 12.5 ^B | 50 |
| A35 | extent length: 2.05 m - 3.50 m | 11731 | 14.0 ^B | 50 |
| A40 | extent length: 2.40 m - 4.00 m | 11732 | 15.0 ^C | 50 |



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.



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 |
|------------------------------------|----------|-------------------|------|
| B/D25 extent length: 1.58 - 2.50 m | 11829 | 12.5 ^B | 72 |
| B/D30 extent length: 1.87 - 3.00 m | 11830 | 14.5 ^B | 72 |
| B/D35 extent length: 2.10 - 3.50 m | 11831 | 16.0 ^B | 63 |
| B/D40 extent length: 2.40 - 4.00 m | 11832 | 21.0 ^C | 63 |

Painted, with outer thread simple and quick handling by triple thread

| | Part-No. | Kg | Unit |
|------------------------------------|----------|-------------------|------|
| B/D25 extent length: 1.50 - 2.50 m | 11829P | 13.5 ^B | 63 |
| B/D30 extent length: 1.70 - 3.00 m | 11830P | 16.0 ^B | 48 |
| B/D35 extent length: 2.00 - 3.50 m | 11831P | 18.0 ^B | 48 |
| B/D40 extent length: 2.20 - 4.00 m | 11832P | 21.5 ^B | 48 |

Galvanized, with outer thread simple and quick handling by triple thread

| | Part-No. | Kg | Unit |
|------------------------------------|----------|-------------------|------|
| B/D25 extent length: 1.50 - 2.50 m | 11829V | 14.0 ^B | 63 |
| B/D30 extent length: 1.70 - 3.00 m | 11830V | 16.5 ^B | 48 |
| B/D35 extent length: 1.89 - 3.50 m | 11831V | 18.5 ^B | 48 |
| B/D40 extent length: 2.20 - 4.00 m | 11832V | 21.5 ^B | 48 |



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 |
|---|----------|-------------------|------|
| D40 extent length: 2.24 m - 4.00 m load capacity: 37.6 - 21.8 KN | 11632V | 22.0 ^B | 50 |
| D55 extent length: 3.00 - 5.50 m load capacity: 38.0 - 22.2 KN | 11634V | 33.0 ^C | 50 |

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**

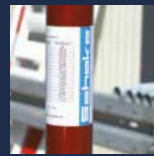
| | | Part-No. | Kg | Unit |
|-------|------------------------------|----------|-------------------|------|
| C/E25 | extent length: 1.45 - 2.50 m | 11929V | 16.0 ^A | 48 |
| C/E30 | extent length: 1.70 - 3.00 m | 11930V | 20.0 ^B | 48 |
| C/E35 | extent length: 1.96 - 3.50 m | 11931V | 26.0 ^B | 48 |
| C/E40 | extent length: 2.20 - 4.00 m | 11932V | 29.5 ^B | 48 |
| C/E45 | extent length: 2.45 - 4.50 m | 11933V | 32.5 ^C | 42 |
| C/E55 | extent length: 2.96 - 5.50 m | 11934V | 44.0 ^C | 30 |



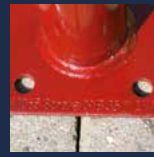
Thread cleaner
Triple thread for significant time saving.



Robust punch nose for quick decapsulation.



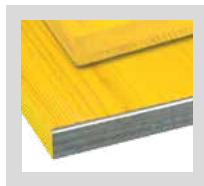
All props marked b type class and load table.



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 |
|--------------------------------|----------|-------------------|------|
| length: 1000 mm, width: 500 mm | 102110 | 5.5 ^A | 25 |
| length: 1500 mm, width: 500 mm | 102115 | 8.5 ^B | 25 |
| length: 2000 mm, width: 500 mm | 102120 | 11.0 ^B | 25 |
| length: 2500 mm, width: 500 mm | 102125 | 13.5 ^C | 25 |

Edge protection:

- Reduced moisture absorption
- Cracks in the wood are reduced
- Longer working life

| without edge protection | Part-No. | Kg | Unit |
|--------------------------------|----------|-------------------|------|
| length: 1000 mm, width: 500 mm | 102110-0 | 5.5 ^A | 25 |
| length: 1500 mm, width: 500 mm | 102115-0 | 8.5 ^B | 25 |
| length: 2000 mm, width: 500 mm | 102120-0 | 11.0 ^B | 25 |
| length: 2500 mm, width: 500 mm | 102125-0 | 13.5 ^C | 25 |

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 |
|------------|----------|-------------------|------|
| painted | 50140 | 25.0 ^B | 5 |
| galvanized | 50140V | 26.0 ^B | 5 |



Shuttering panel SET

consisting of:

- 1 x stacking pallet (part-no. 50140)
- 40 x shuttering panel with edge protection

| | Part-No. | Kg | Unit |
|--------------------------------|------------|--------------------|------|
| length: 1000 mm, width: 500 mm | 102110-SET | 246.0 ^B | 1 |
| length: 1500 mm, width: 500 mm | 102115-SET | 366.0 ^B | 1 |
| length: 2000 mm, width: 500 mm | 102120-SET | 466.0 ^B | 1 |
| length: 2500 mm, width: 500 mm | 102125-SET | 566.0 ^C | 1 |

Formwork beam of wood SCHAKE H20

robust, high-quality glued wood all-purpose support

with end-cap

| | Part-No. | Kg | Unit |
|---------------------------------|----------|-------------------|------|
| length: 2100 mm, height: 200 mm | 102021 | 12.3 ^B | 50 |
| length: 2450 mm, height: 200 mm | 102024 | 13.4 ^C | 50 |
| length: 2600 mm, height: 200 mm | 102026 | 14.0 ^C | 50 |
| length: 2900 mm, height: 200 mm | 102029 | 15.9 ^C | 50 |
| length: 3300 mm, height: 200 mm | 102033 | 18.5 ^C | 50 |
| length: 3600 mm, height: 200 mm | 102036 | 19.5 ^C | 50 |
| length: 3900 mm, height: 200 mm | 102039 | 20.5 ^C | 50 |
| length: 4500 mm, height: 200 mm | 102045 | 21.5 ^D | 50 |
| length: 4900 mm, height: 200 mm | 102049 | 22.5 ^D | 50 |
| length: 5900 mm, height: 200 mm | 102059 | 23.5 ^D | 50 |

without end-cap

| | Part-No. | Kg | Unit |
|---------------------------------|----------|-------------------|------|
| length: 2100 mm, height: 200 mm | 102021-0 | 12.3 ^B | 50 |
| length: 2450 mm, height: 200 mm | 102024-0 | 13.4 ^C | 50 |
| length: 2600 mm, height: 200 mm | 102026-0 | 14.0 ^C | 50 |
| length: 2900 mm, height: 200 mm | 102029-0 | 15.9 ^C | 50 |
| length: 3300 mm, height: 200 mm | 102033-0 | 18.5 ^C | 50 |
| length: 3600 mm, height: 200 mm | 102036-0 | 19.5 ^C | 50 |
| length: 3900 mm, height: 200 mm | 102039-0 | 20.5 ^C | 50 |
| length: 4500 mm, height: 200 mm | 102045-0 | 21.5 ^D | 50 |
| length: 4900 mm, height: 200 mm | 102049-0 | 22.5 ^D | 50 |
| length: 5900 mm, height: 200 mm | 102059-0 | 23.5 ^D | 50 |

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 |
|------------|----------|------------------|------|
| galvanized | 1020H | 2.7 ^A | 1 |

Beam forming support

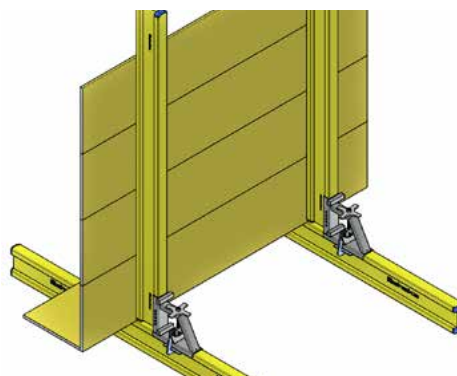
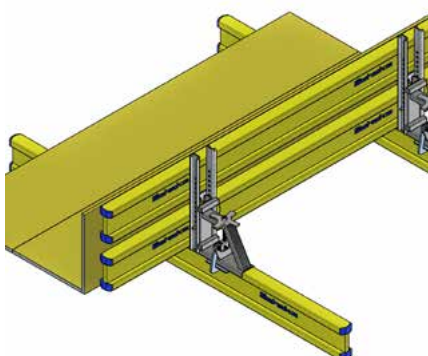
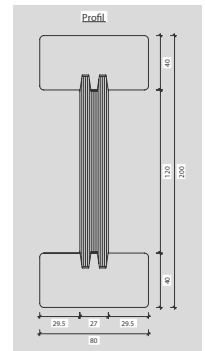
for insertion on H20 wooden formwork beam, for edge and slab formwork, by means of a spindle the holding claw grips the H20 girder and fixes the beam clamp, the height adjustment is made with captive bolt in the hole grid

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 111975 | 13.8 ^A | 1 |



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

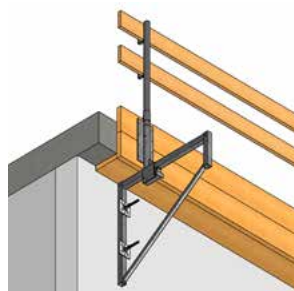
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



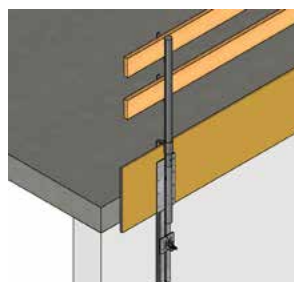
Formwork bracket

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 |
|----------|-------------------|------|
| 112952 | 19.0 ^B | 1 |

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 |
|----------|------------------|------|
| 112953 | 6.5 ^A | 1 |

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 |
|-------------------------------|----------|-------------------|------|
| extent length: 450 - 620 mm | 11825P | 6.5 ^A | 48 |
| extent length: 600 - 925 mm | 11826P | 7.5 ^A | 48 |
| extent length: 800 - 1320 mm | 11827P | 8.8 ^A | 48 |
| extent length: 1000 - 1720 mm | 11828P | 10.2 ^A | 48 |

| galvanized | Part-No. | Kg | Unit |
|-------------------------------|----------|-------------------|------|
| extent length: 450 - 620 mm | 11825V | 6.5 ^A | 48 |
| extent length: 600 - 925 mm | 11826V | 7.5 ^A | 48 |
| extent length: 800 - 1320 mm | 11827V | 8.8 ^A | 48 |
| extent length: 1000 - 1720 mm | 11828V | 10.2 ^A | 48 |



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 |
|-----------------------|----------|-------------------|------|
| length: 0.90 - 1.50 m | 11102 | 10.0 ^A | 80 |
| length: 1.20 - 2.00 m | 11103 | 13.0 ^A | 80 |
| galvanized | | | |
| length: 0.90 - 1.50 m | 111981 | 10.0 ^A | 80 |
| length: 1.20 - 2.00 m | 111983 | 13.0 ^A | 80 |

Bail

made of round steel Ø12mm for window props

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 205276 | 0.5 ^A | 1 |



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 |
|------------|----------|------------------|------|
| painted | 111984 | 1.0 ^A | 20 |
| galvanized | 111985 | 1.0 ^A | 20 |



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 |
|------------|----------|------------------|------|
| galvanized | 11800 | 1.0 ^A | 10 |



Traffic safety

Infrastructure building

Mobile fence

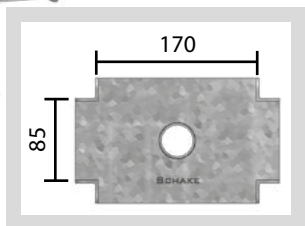
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

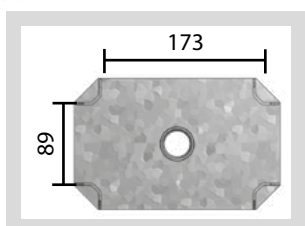


Head for formwork prop type „Standard“

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 |
|---------------------------|----------|-------|------|
| galvanized tube Ø 26.9 mm | 10192-0 | 3.0 A | 50 |
| galvanized tube Ø 38.0 mm | 10192 | 3.5 A | 50 |

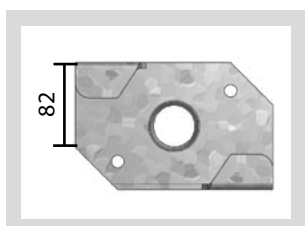


Head for formwork prop type „Profi“

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 |
|------------|----------|-------|------|
| galvanized | 10192-1 | 4.0 A | 50 |



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 |
|------------|----------|-------|------|
| galvanized | 10192-2 | 1.0 A | 50 |



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 |
|------------|----------|------------------|------|
| galvanized | 11199 | 8.5 ^A | 25 |

For the same applications, but heavier design with square tube

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 11199S | 10.0 ^A | 25 |

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 |
|------------|----------|-------------------|------|
| galvanized | 11199P | 21.0 ^A | 25 |

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



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

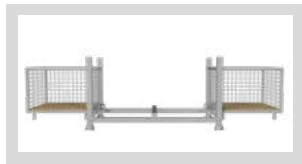


| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 50215 | 90.0 ^B | 1 |

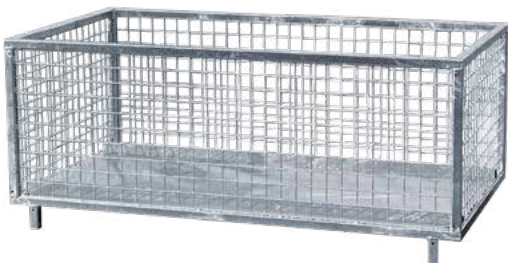


Basket for storage of formwork prop heads

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 |
|------------|----------|-------------------|------|
| galvanized | 50115-2 | 33.0 ^A | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50115-3 | 50.0 ^B | 1 |

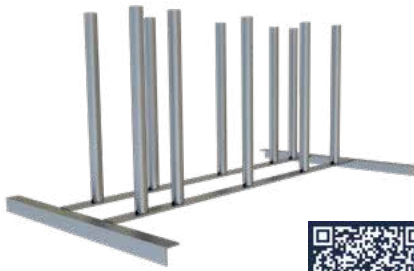


Stacking pallet made of square tubes 60 x 60 mm

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 |
|------------|----------|-------------------|------|
| galvanized | 50115 | 52.0 ^B | 1 |





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 |
|------------|----------|-------------------|------|
| galvanized | 50115-5 | 47.0 ^B | 1 |



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 |
|--|------------|--------------------|------|
| | 50115-5SET | 328.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50116-5 | 70.5 ^B | 1 |



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 |
|--|------------|--------------------|------|
| | 50116-5SET | 317.0 ^B | 1 |

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 |
|----------|-----------------|-------------------|-------------|-------------|------------------|-------------|------|
| | | | | | 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 |
| 11790 | 180 - 292 cm | 16.9 ^B | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 17.5 | 32 | 50 |
| 11791 | 210 - 371 cm | 19.1 ^B | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 14.0 | 32 | 50 |
| 11792 | 242 - 403 cm | 20.3 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 12.5 | 32 | 50 |
| 11793 | 260 - 461 cm | 22.9 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 10.0 | 32 | 50 |
| 11794 | 304 - 535 cm | 25.3 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 7.5 | 32 | 30 |

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 |
|----------|-----------------|-------------------|-------------|-------------|------------------|-------------|------|
| | | | | | 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 |
| 11790V | 180 - 292 cm | 16.9 ^B | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 17.5 | 32 | 50 |
| 11791V | 210 - 371 cm | 19.1 ^B | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 14.0 | 32 | 50 |
| 11792V | 242 - 403 cm | 20.3 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 12.5 | 32 | 50 |
| 11793V | 260 - 461 cm | 22.9 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 10.0 | 32 | 50 |
| 11794V | 304 - 535 cm | 25.3 ^C | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 7.5 | 32 | 50 |
| 11795V | 412 - 623 cm | 30.7 ^D | 48 x 3.5 mm | 57 x 2.5 mm | 34.5 - 5.0 | 32 | 30 |



Bail

made of round bar steel Ø 15 mm for all slanted props



galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 2051533 | 0.5 ^A | 1 |

Foot for slanted props

incl. screw connection



galvanized, for outer tube
Ø 57 mm suitable

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 1179EG1 | 1.7 ^A | 1 |

galvanized, for inner tube
Ø 48 mm suitable

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 1179EG2 | 1.6 ^A | 1 |

Slanted props

as tensile or compression props for versatile application on construction sites, for example:

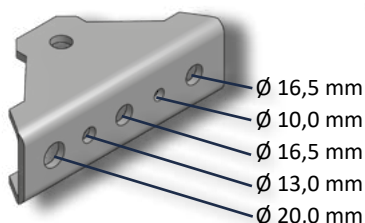
- Propping different types of system formwork
- Adjusting and propping prefabricated concrete parts, particularly hollow walls and or triple sheeting walls
- Propping column or pillar formwork

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

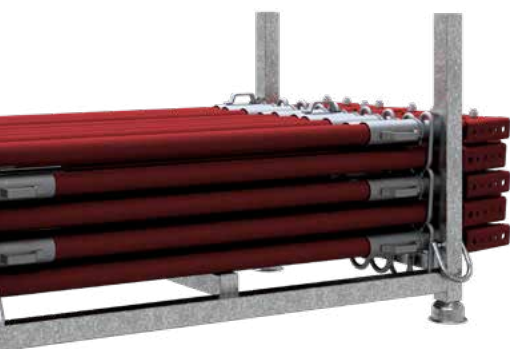




Traffic safety

Infrastructure building

Mobile fence



Slanted prop SET

consisting of:

50 x slanted prop

1 x stacking pallet (part-no. 50115)



| | Part-No. | Kg | Unit |
|---------------------------------|-----------|---------------------|------|
| painted | | | |
| incl. slanted prop 180 - 292 cm | 11790-SET | 935.7 ^B | 1 |
| incl. slanted prop 210 - 371 cm | 11791-SET | 1077.7 ^B | 1 |

galvanized

| | | | |
|---------------------------------|------------|---------------------|---|
| incl. slanted prop 180 - 292 cm | 11790V-SET | 935.7 ^B | 1 |
| incl. slanted prop 210 - 371 cm | 11791V-SET | 1077.7 ^B | 1 |



Push-pull prop SET

consisting of:

50 x push-pull prop

1 x stacking pallet (part-no. 50115)



| | Part-No. | Kg | Unit |
|-----------------------------------|-------------|---------------------|------|
| without end joint | | | |
| incl. push-pull prop 180 - 292 cm | 117911R-SET | 1034.7 ^B | 1 |
| incl. push-pull prop 210 - 371 cm | 117921R-SET | 1295.2 ^C | 1 |



with end joint

| | | | |
|-----------------------------------|----------------|---------------------|---|
| incl. push-pull prop 180 - 292 cm | 117911R-EG-SET | 1251.2 ^B | 1 |
| incl. push-pull prop 210 - 371 cm | 117921R-EG-SET | 1511.2 ^C | 1 |

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

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 |
|----------|------------------|--------|--------------------|-------------|------------------|-------------|------|
| | | | | | 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 |
| 117911R | 180 - 320 cm | 19.6 B | 47 / 43.5 mm | 70 x 4.0 mm | 40.0 - 29.2 | 40 | 50 |
| 117921R | 260 - 400 cm | 24.8 C | 47 / 43.5 mm | 70 x 4.0 mm | 38.8 - 12.8 | 40 | 50 |
| 117931R | 360 - 500 cm | 31.4 C | 47 / 43.5 mm | 70 x 4.0 mm | 31.4 - 10.8 | 40 | 50 |
| 117941R | 480 - 620 cm | 39.2 D | 47 / 43.5 mm | 70 x 4.0 mm | 26.4 - 8.9 | 40 | 50 |
| 117951R | 620 - 760 cm | 48.3 D | 47 / 43.5 mm | 70 x 4.0 mm | 22.9 - 7.6 | 40 | 30 |

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 |
|------------|------------------|--------|--------------------|-------------|------------------|-------------|------|
| | | | | | 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 |
| 117911R-EG | 180 - 320 cm | 24.0 B | 47 / 43.5 mm | 70 x 4.0 mm | 40.0 - 29.2 | 40 | 50 |
| 117921R-EG | 260 - 400 cm | 29.2 C | 47 / 43.5 mm | 70 x 4.0 mm | 38.8 - 12.8 | 40 | 50 |
| 117931R-EG | 360 - 500 cm | 35.7 C | 47 / 43.5 mm | 70 x 4.0 mm | 31.4 - 10.8 | 40 | 50 |
| 117941R-EG | 480 - 620 cm | 43.5 D | 47 / 43.5 mm | 70 x 4.0 mm | 26.4 - 8.9 | 40 | 50 |
| 117951R-EG | 620 - 760 cm | 51.3 D | 47 / 43.5 mm | 70 x 4.0 mm | 22.9 - 7.6 | 40 | 30 |



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





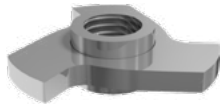
End piece with spindle for heavy duty formwork prop KN400
 spindle with movable base plate and supporting base plate for adaptation of middle pieces by centering pin, adjustment range 445 - 665 mm, adjustable via gear wheel, useable for both head and foot area, very robust steel construction

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 70800 | 87.0 ^A | 1 |



Bolt for spindle
 made from chromium molybdenum steel Ø 54 mm, length 190 mm

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| | 70855 | 3.3 ^A | 1 |



Nut with gear wheel
 thread TR 100 x 24

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 70852 | 12.8 ^A | 1 |



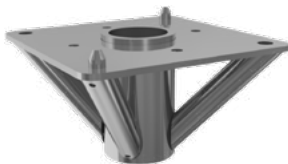
Spindle tube
 made of steel with increased yield strength, thread TR 100 x 24, tube length 680 mm

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 70853 | 26.3 ^A | 1 |



Head and foot plate

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 70854 | 21.2 ^A | 1 |



Base plate with reinforcement tubes

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 70851 | 23.9 ^A | 1 |



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 |
|----------------------------|----------|--------------------|------|
| galvanized | 70810 | 15.0 ^A | 1 |
| element height of: 0.156 m | 70820 | 26.0 ^A | 1 |
| element height of: 0.312 m | 70830 | 38.0 ^A | 1 |
| element height of: 0.625 m | 70840 | 57.0 ^A | 1 |
| element height of: 1.25 m | 70850 | 101.0 ^C | 1 |
| element height of: 2.50 m | | | |

- Traffic safety
- Infrastructure building
- Mobile fence
- Formwork
- Building support safety
- Storage - transport
- Building site installation
- Barrier free construction site



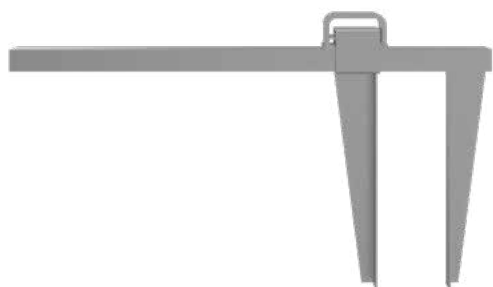


Spindle formwork clamp

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

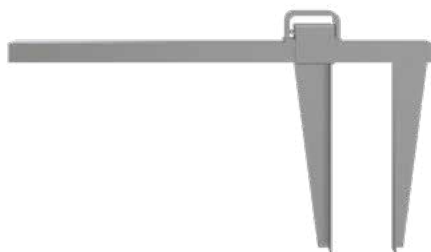
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 11197K | 11.0 ^B | 40 |



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 |
|------------|----------|-------------------|------|
| painted | 11196 | 11.0 ^B | 40 |
| galvanized | 11197 | 11.0 ^B | 40 |



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 |
|------------|----------|------------------|------|
| painted | 11166 | 4.0 ^A | 50 |
| galvanized | 11177 | 4.0 ^A | 50 |



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

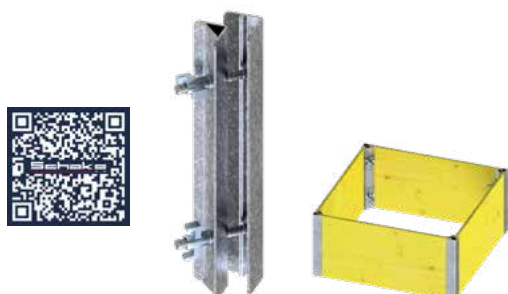
| | Part-No. | Kg | Unit |
|---------|----------|-------------------|------|
| painted | 11195 | 12.5 ^B | 40 |



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 |
|----------------|----------|-------------------|------|
| height: 200 mm | 102220 | 12.0 ^A | 1 |
| height: 220 mm | 102222 | 13.0 ^A | 1 |
| height: 250 mm | 102225 | 15.0 ^A | 1 |
| height: 300 mm | 102230 | 18.0 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 11204 | 7.6 ^A | 1 |

Traffic safety

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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 |
|---------|----------|-------------------|------|
| painted | 111971 | 10.0 ^A | 10 |

Shuttering support inclinable without squared timber

inclinable up to 25°
height: 750mm, width: 200 mm, length: 560 mm
galvanized

| | Part-No. | Kg | Unit |
|------------------------------------|----------|-------------------|------|
| galvanized, without squared timber | 111972 | 14.6 ^A | 1 |
| galvanized, with squared timber | 111972-2 | 16.8 ^A | 1 |



Squared timber for shuttering support inclinable

dimensions: 80 mm x 40 mm x 750 mm

| | Part-No. | Kg | Unit |
|--------|----------|------------------|------|
| wooden | 111972-1 | 1.6 ^A | 1 |

Ground peg

of angle iron 25 mm x 25 mm, with welded head for driving in the ground

| | Part-No. | Kg | Unit |
|-------------------------|----------|------------------|------|
| galvanized, 450 mm long | 30W80 | 1.2 ^A | 10 |
| galvanized, 650 mm long | 30W80L | 1.9 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 30W80H | 2.2 ^A | 10 |

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 |
|------------|----------|------------------|------|
| galvanized | 11180 | 6.4 ^A | 10 |





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 |
|-------------|----------|------------------|------|
| red painted | 10180 | 0.5 ^A | 25 |
| galvanized | 10181 | 0.5 ^A | 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

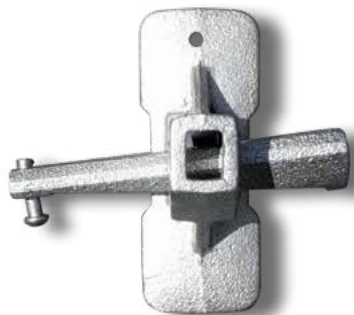
| | Part-No. | Kg | Unit |
|-------------|----------|------------------|------|
| red painted | 10182 | 0.5 ^A | 25 |
| galvanized | 10183 | 0.5 ^A | 25 |



Rack tensioning lever

for all eccentric clamps, very robust design

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| painted | 10187 | 3.0 ^A | 1 |



Wedge turnbuckle „Guss“

for tensioning wire from 8 mm - 12 mm, base plate 100 mm x 40 mm

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 101841 | 0.3 ^A | 50 |



Wedge turnbuckle „Schalfix“

for tensioning wire from 5 mm - 8 mm, base plate 90 mm x 60 mm

| | Part-No. | Kg | Unit |
|-------------|----------|------------------|------|
| red painted | 10184 | 0.4 ^A | 50 |



Spindle tensioner

for all wedge locks and eccentric clamps, also at interior angles of formwork, by axial moving lever

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 10186 | 1.2 ^A | 1 |

Traffic safety



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 |
|------------------------------|----------|------------------|------|
| formwork length: 0 - 750 mm | 111951 | 5.0 ^A | 10 |
| formwork length: 0 - 900 mm | 111952 | 5.2 ^A | 10 |
| formwork length: 0 - 1150 mm | 111953 | 5.5 ^A | 10 |

Infrastructure building

Mobile fence

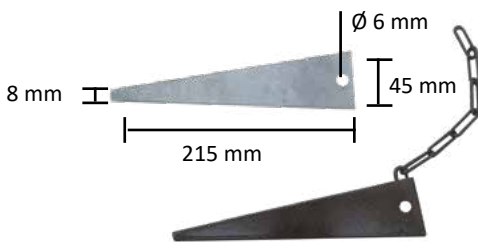


Column clamp

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 |
|----------------------|----------|-------------------|------|
| size:1 0,25 - 0,50 m | 11201 | 8.5 ^B | 1 |
| size:2 0,40 - 0,80 m | 11202 | 13.0 ^B | 1 |
| size:3 0,60 - 1,20 m | 11203 | 28.0 ^B | 1 |

Formwork



Wedge for column clamp

with hole

untreated, without chain
 painted, with chain

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 101951 | 0.3 ^A | 1 |
| 101951K | 0.5 ^A | 1 |

Building support safety

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, length: 5.80 m

| | Part-No. | Kg | Unit |
|----------------------------|----------|------------------|------|
| length: 5,80 m, untreated | 11310 | 9.3 ^D | 10 |
| length: 5,80 m, galvanized | 11310V | 9.3 ^D | 10 |

Storage - transport



| | Kg | Unit | Part-No. untreated | Part-No. galvanized |
|-----------------|-------------------|------|--------------------|---------------------|
| length: 500 mm | 0.75 ^A | 10 | 113105 | 113105V |
| length: 600 mm | 0.90 ^A | 10 | 113106 | 113106V |
| length: 700 mm | 1.05 ^A | 10 | 113107 | 113107V |
| length: 800 mm | 1.20 ^A | 10 | 113108 | 113108V |
| length: 900 mm | 1.35 ^A | 10 | 113109 | 113109V |
| length: 1000 mm | 1.50 ^A | 10 | 113110 | 113110V |
| length: 1100 mm | 1.65 ^A | 10 | 113111 | 113111V |
| length: 1200 mm | 1.80 ^A | 10 | 113112 | 113112V |
| length: 1300 mm | 1.95 ^A | 10 | 113113 | 113113V |
| length: 1400 mm | 2.10 ^A | 10 | 113114 | 113114V |
| length: 1500 mm | 2.25 ^B | 10 | 113115 | 113115V |

Building site installation



Wing nut, flange

WOF 27, casting, preferred use for grid-pattern formwork, permitted load perm. 90 kN (DIN 18216)

| | Part-No. | Kg | Unit |
|----------------------|----------|------------------|------|
| galvanized, Ø 70 mm | 11303 | 0.5 ^A | 10 |
| galvanized, Ø 100 mm | 113013 | 0.7 ^A | 10 |

Barrier free construction site



Hexagon nuts WOF30

made of St52.3; for rolled thread bar 15 mm

| | Part-No. | Kg | Unit |
|---------------|----------|------------------|------|
| length: 30 mm | 11304 | 0.1 ^A | 10 |
| length: 50 mm | 11305 | 0.2 ^A | 10 |
| length: 70 mm | 11306 | 0.3 ^A | 10 |
| length: 90 mm | 11307 | 0.4 ^A | 10 |



Combination plate, 1-part, movable

8F 12/12, for anchor bar 15 mm, 90 kN service load (DIN 18236)

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 11309 | 1.1 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 113091 | 1.0 ^A | 10 |



Wing nut

anchor nut for anchor bars 15 mm in combination with underlay plates, with hexagon WOF 27

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 113092 | 0.2 ^A | 10 |



Water valve

for tensioning bar Ø 15 mm, Pmax. = 90 kN

| | Part-No. | Kg | Unit |
|-----------|----------|------------------|------|
| untreated | 113093 | 0.3 ^A | 10 |

i 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 |
|--------|----------|-------------------|------|
| yellow | 11200-G | 15.7 ^B | 1 |
| blue | 11200-B | 15.7 ^B | 1 |
| black | 11200-S | 15.7 ^B | 1 |
| red | 11200-R | 15.7 ^B | 1 |



Building support - safety

- Scaffolding jacks
- Step stools
- Ladders
- Building stairs
- Guard rail clamps
- Steel grids
- Bracket scaffolding

Traffic safety

Infrastructure building

Mobile fence

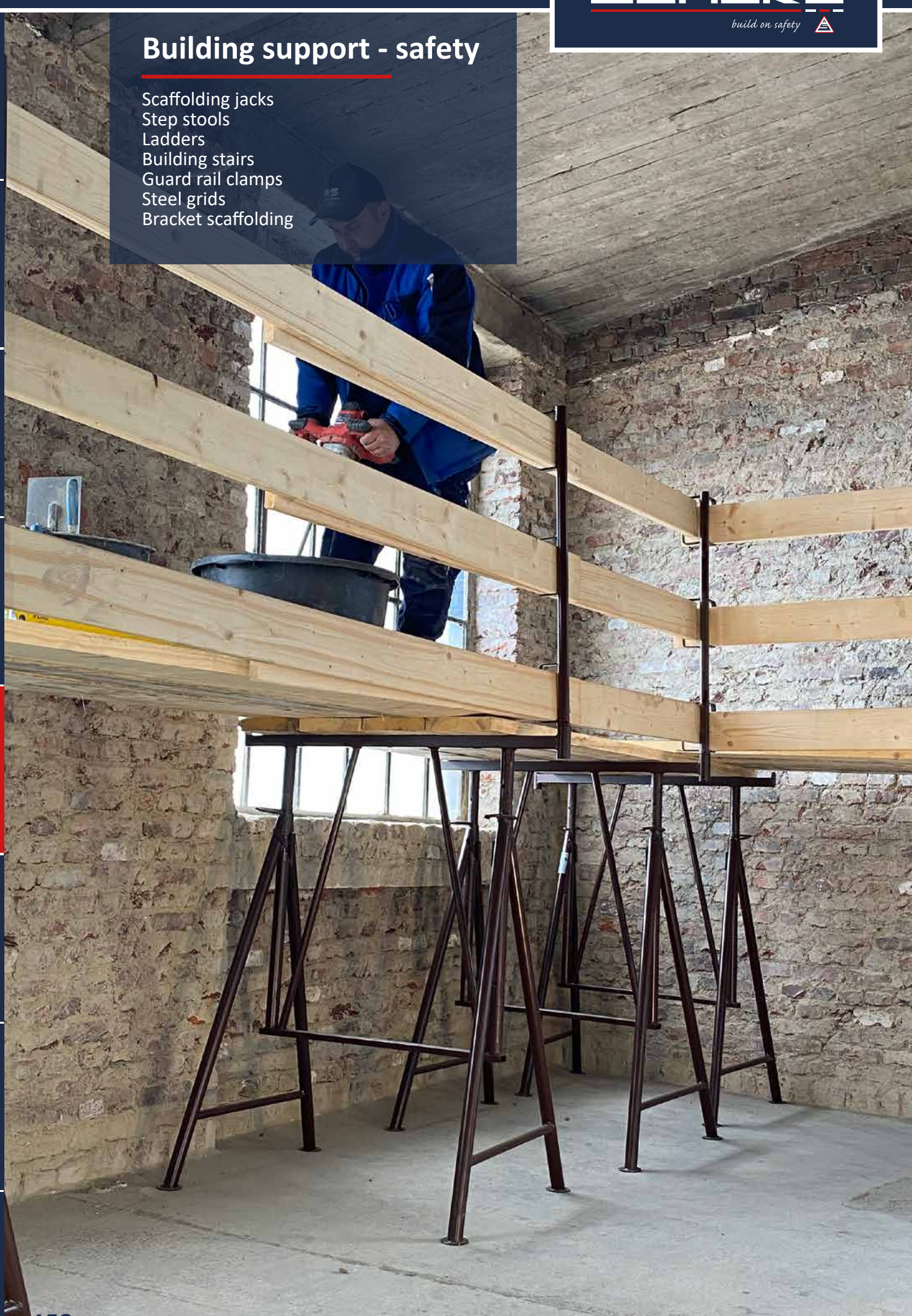
Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site





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

| Part-No. | Kg | Unit |
|------------------------------|--------|---------------------|
| brown painted | | |
| size 1 height: 0.75 - 1.30 m | 10121S | 15.0 ^B 5 |
| size 2 height: 1.00 - 1.75 m | 10122S | 19.0 ^B 5 |
| size 3 height: 1.20 - 1.95 m | 10123S | 21.0 ^B 5 |

| Part-No. | Kg | Unit |
|------------------------------|---------|---------------------|
| galvanized | | |
| size 1 height: 0.75 - 1.30 m | 10121VS | 15.0 ^B 5 |
| size 2 height: 1.00 - 1.75 m | 10122VS | 19.0 ^B 5 |
| size 3 height: 1.20 - 1.95 m | 10123VS | 21.0 ^B 5 |

Folding jack „Compact S 1500“

same design as „Compact S 1200“ but width: 1.50 m, load: 1500 kg

| Part-No. | Kg | Unit |
|------------------------------|--------|---------------------|
| brown painted | | |
| size 6 height: 1.20 - 1.95 m | 10126S | 22.0 ^B 5 |

| Part-No. | Kg | Unit |
|------------------------------|---------|---------------------|
| galvanized | | |
| size 6 height: 1.20 - 1.95 m | 10126VS | 22.0 ^B 5 |

i 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

| Part-No. | Kg | Unit |
|----------------------|------------------|------|
| brown painted | | |
| 112773 | 4.0 ^B | 10 |
| galvanized | | |
| 112774 | 4.0 ^B | 10 |

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

| Part-No. | Kg | Unit |
|----------------------|------------------|------|
| brown painted | | |
| 112777 | 4.0 ^B | 10 |
| galvanized | | |
| 112778 | 4.0 ^B | 10 |



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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 |
|-------------|--------------------|------|
| 10123S-SET1 | 240.4 ^B | 1 |



Folding jack SET 2

consisting of:

- 1 x storage and transport pallet (part-no. 10123-5)
- 10 x folding jack „Kompakt S 1200“ (part-no. 10123S)

| Part-No. | Kg | Unit |
|-------------|--------------------|------|
| 10123S-SET2 | 268.5 ^B | 1 |



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 |
|--------------------------|-------------------|------|
| galvanized 10123-5-10 | 48.5 ^B | 1 |





Construction pit trestle type Korrektiv

construction pit trestle type Korrektiv, 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

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 10123K | 18.2 ^A | 5 |



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

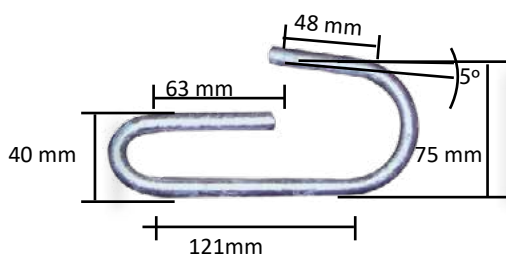
| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 10127S | 44.0 ^B | 5 |
| 10127VS | 44.0 ^B | 5 |

i 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

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 101953 | 0.8 ^A | 1 |



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Building support safety

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Building site installation

Barrier free construction site





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 Ø 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 |
|------------------------------|----------|-------------------|------|
| size 3 height: 1.20 - 1.95 m | 10123FS | 29.0 ^B | 5 |

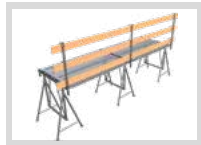


Steel system plank steel

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 |
|----------------|----------|-------------------|------|
| length: 1.00 m | 103210 | 10.6 ^A | 1 |
| length: 1.50 m | 103215 | 14.4 ^B | 1 |
| length: 2.00 m | 103220 | 18.3 ^B | 1 |
| length: 2.50 m | 103225 | 22.2 ^C | 1 |
| length: 3.00 m | 103230 | 26.1 ^C | 1 |



Railing post made of Ø48 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 Ø 48.3 mm round tube, with welded pipe socket for insertion into sleeve made of Ø 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 |
|------------|----------|------------------|------|
| galvanized | 11277VG | 3.5 ^A | 1 |

Corner railing post made of Ø48 mm round tube

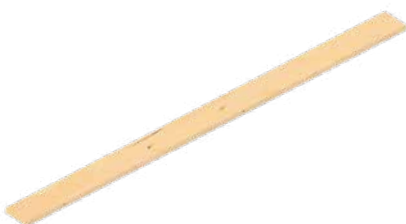
the double number of brackets is welded at an angle of 90° to each other, so that fall protection can be made around corners. Height of the corner guardrail post: 1.00 m above ground

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 11278VG | 4.0 ^A | 1 |

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 |
|---------|----------|------------------|------|
| 2500 mm | 103125 | 6.0 ^C | 50 |
| 3000 mm | 103130 | 7.0 ^C | 50 |
| 3500 mm | 103135 | 8.5 ^C | 50 |





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 |
|--------------------------------------|----------|-------------------|------|
| width: 1.20 m, height: 0.65 - 1.10 m | 101281 | 26.0 ^B | 10 |
| width: 1.20 m, height: 1.20 - 1.95 m | 10128 | 30.0 ^B | 10 |
| width: 1.50 m, height: 1.20 - 1.95 m | 10129 | 35.0 ^B | 10 |
| width: 1.50 m, height: 1.70 - 3.00 m | 10130 | 42.0 ^B | 10 |

| galvanized | Part-No. | Kg | Unit |
|--------------------------------------|----------|-------------------|------|
| width: 1.20 m, height: 0.65 - 1.10 m | 101281V | 27.0 ^B | 10 |
| width: 1.20 m, height: 1.20 - 1.95 m | 10128V | 31.0 ^B | 10 |
| width: 1.50 m, height: 1.20 - 1.95 m | 10129V | 36.0 ^B | 10 |
| width: 1.50 m, height: 1.70 - 3.00 m | 10130V | 43.0 ^B | 10 |

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 |
|------------|----------|------------------|------|
| | 11280 | 1.5 ^A | 1 |

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 |
|------------|----------|------------------|------|
| painted | 11277G | 3.5 ^A | 1 |
| galvanized | 11277VG | 3.5 ^A | 1 |

corner railing post with 90° angle

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| painted | 11278G | 4.0 ^B | 1 |
| galvanized | 11278VG | 4.0 ^B | 1 |





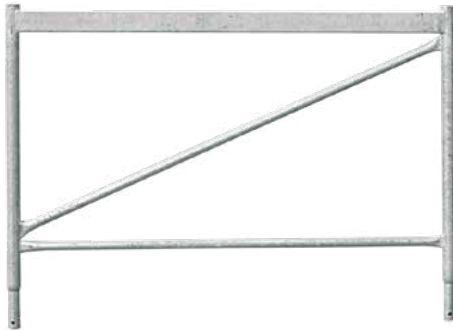
Diagonal strut

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 |
|------------|----------|------------------|------|
| painted | 11271 | 6.0 ^B | 1 |
| galvanized | 11272 | 6.0 ^B | 1 |

Bracket for diagonal strut

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| painted | 11281 | 0.5 ^A | 1 |
| galvanized | 11282 | 0.5 ^A | 1 |

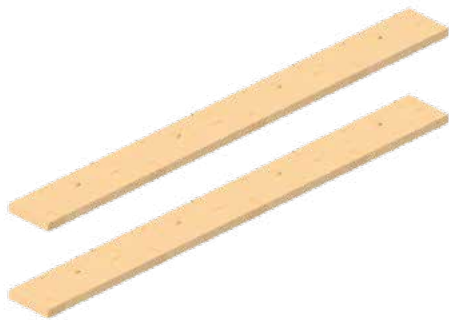


Top-mounted part

for insertion in the mounting socket of the crank-operated or universal scaffolding jack as fall arrester, steel tube construction of \varnothing 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

| painting | Part-No. | Kg | Unit |
|---------------|----------|-------------------|------|
| width: 1.20 m | 11273 | 13.5 ^B | 1 |
| width: 1.50 m | 11275 | 16.0 ^B | 1 |

| | | | |
|---------------|-------|-------------------|---|
| galvanized | | | |
| width: 1.20 m | 11274 | 13.5 ^B | 1 |
| width: 1.50 m | 11276 | 16.0 ^B | 1 |



Scaffolding plank

according to DIN 4074 grade S10

| 45 x 240 mm | Part-No. | Kg | Unit |
|-------------|----------|-------------------|------|
| 2500 mm | 103025 | 15.0 ^C | 52 |
| 3000 mm | 103030 | 18.0 ^C | 52 |
| 3500 mm | 103035 | 21.0 ^C | 52 |
| 4000 mm | 103040 | 24.0 ^D | 52 |
| 4500 mm | 103045 | 27.0 ^D | 52 |

| | | | |
|-------------|--------|-------------------|----|
| 40 x 240 mm | | | |
| 4000 mm | 104040 | 21.3 ^D | 56 |
| 4500 mm | 104045 | 24.0 ^D | 56 |



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 |
|---------|----------|------------------|------|
| 2500 mm | 103125 | 6.0 ^C | 50 |

Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site



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 |
|------------|----------|--------|------|
| galvanized | 71500 | 26.5 B | 1 |



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 |
|--|----------|--------|------|
| | 71500G | 33.5 B | 1 |

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 |
|----------------|----------|--------|------|
| length: 1.00 m | 103210 | 10.6 B | 1 |
| length: 1.50 m | 103215 | 14.4 B | 1 |
| length: 2.00 m | 103220 | 18.3 B | 1 |
| length: 2.50 m | 103225 | 22.2 B | 1 |
| length: 3.00 m | 103230 | 26.1 B | 1 |

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 |
|--------------------------|--------------|---------|------|
| with system plank 1.00 m | 71500-10-SET | 92.7 A | 1 |
| with system plank 1.50 m | 71500-15-SET | 103.2 B | 1 |
| with system plank 2.00 m | 71500-20-SET | 113.3 B | 1 |
| with system plank 2.50 m | 71500-25-SET | 122.7 C | 1 |
| with system plank 3.00 m | 71500-30-SET | 132.1 C | 1 |





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 |
|--------------------------|----------|-------------------|------|
| 2 steps, height: 542 mm | 72520 | 21.2 ^A | 1 |
| 3 steps, height: 862 mm | 72530 | 23.7 ^A | 1 |
| 4 steps, height: 1140 mm | 72540 | 26.7 ^A | 1 |
| 5 steps, height: 1416 mm | 72550 | 29.6 ^A | 1 |
| 6 steps, height: 1692 mm | 72560 | 3.35 ^B | 1 |



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 |
|---|----------|-------------------|------|
| width: 1.50 - 4.20 m height: 0.55 - 0.90 m | 10140 | 25.5 ^B | 5 |



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 |
|--|----------|-------------------|------|
| width: 1.10 m height: 0.55 - 0.90 m | 10141 | 11.0 ^B | 5 |



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 |
|---|----------|-------------------|------|
| painted, 2 steps: width: 1.00 m, height: 0.70 m | 10150 | 13.5 ^B | 10 |
| width: 0.60 m, height: 0.70 m | 10151 | 10.5 ^B | 10 |

| | | | |
|--|--------|-------------------|----|
| galvanized, 2 steps: width: 1.00 m, height: 0.70 m | 10150V | 13.5 ^A | 10 |
| width: 0.60 m, height: 0.70 m | 10151V | 10.5 ^A | 10 |

| | | | |
|---|-------|-------------------|----|
| painted, 3 steps: width: 0.60 m, height: 1.20 m | 10152 | 16.0 ^B | 10 |
| width: 1.00 m, height: 1.20 m | 10154 | 20.0 ^B | 10 |

| | | | |
|--|--------|-------------------|----|
| galvanized, 3 steps: width: 0.60 m, height: 1.20 m | 10152V | 16.0 ^A | 10 |
| width: 1.00 m, height: 1.20 m | 10154V | 20.0 ^B | 10 |





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 |
|--------------------------------|----------|-------------------|------|
| total height of ladder: 2.25 m | 70701 | 10.0 ^B | 10 |
| total height of ladder: 3.08 m | 70702 | 14.0 ^C | 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 |
|--------------------------------|----------|-------------------|------|
| total height of ladder: 2.40 m | 70703 | 9.0 ^C | 10 |
| total height of ladder: 3.00 m | 70704 | 11.0 ^C | 10 |



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 |
|--------------------------------|----------|-------------------|------|
| total height of ladder: 2.25 m | 70599 | 20.0 ^B | 10 |
| total height of ladder: 3.25 m | 70600 | 30.0 ^C | 10 |
| total height of ladder: 4.25 m | 70601 | 40.0 ^D | 10 |
| total height of ladder: 5.25 m | 70602 | 49.0 ^D | 10 |
| total height of ladder: 6.25 m | 70603 | 58.0 ^D | 10 |



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 |
|-----------|----------|------------------|------|
| aluminium | 10145 | 5.5 ^A | 10 |





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

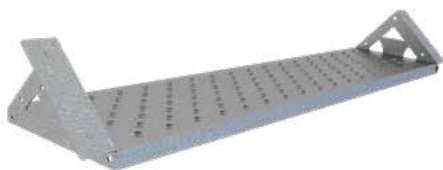
Finish: hot dip galvanized

| Width 700 mm | Height | Part-No. | Kg | Unit |
|--------------|----------------|----------|--------------------|------|
| 4 steps | 510 - 835 mm | 716004 | 48.0 ^B | 1 |
| 7 steps | 920 - 1505 mm | 716007 | 72.0 ^B | 1 |
| 10 steps | 1320 - 2160 mm | 716010 | 94.0 ^C | 1 |
| 13 steps | 1725 - 2825 mm | 716013 | 123.0 ^D | 1 |
| 16 steps | 2130 - 3490 mm | 716016 | 142.0 ^D | 1 |
| 19 steps | 2535 - 4155 mm | 716019 | 165.0 ^D | 1 |

| Width 1000 mm | Height | Part-No. | Kg | Unit |
|---------------|----------------|----------|--------------------|------|
| 16 steps | 2130 - 3490 mm | 719016 | 175.0 ^D | 1 |

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 |
|------------|----------|------------------|------|
| galvanized | 706810 | 5.5 ^A | 1 |

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 |
|------------|----------|------------------|------|
| galvanized | 11277H | 1.5 ^A | 1 |

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 |
|------------|----------|------------------|------|
| galvanized | 11277V | 3.5 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 111933 | 7.0 ^B | 10 |



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 |
|------------|----------|------------------|------|
| painted | 11193 | 6.0 ^A | 10 |
| galvanized | 11194 | 6.5 ^A | 10 |



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 |
|------------|----------|------------------|------|
| painted | 111932 | 7.0 ^A | 10 |
| galvanized | 111932V | 7.0 ^A | 10 |



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 |
|------------|----------|-------------------|------|
| galvanized | 11190 | 13.5 ^A | 10 |



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 |
|------------|----------|-------------------|------|
| galvanized | 112971 | 10.6 ^B | 1 |



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

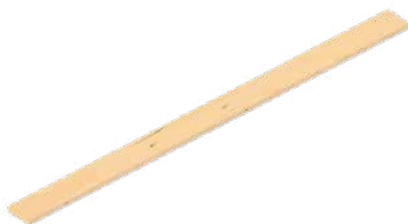
| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 11191 | 6.3 ^A | 10 |



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 |
|------------|----------|------------------|------|
| galvanized | 11192 | 2.7 ^A | 10 |



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 |
|---------|----------|------------------|------|
| 2500 mm | 103125 | 6,0 ^A | 50 |
| 3000 mm | 103130 | 7,0 ^A | 50 |
| 3500 mm | 103135 | 8,5 ^A | 50 |



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)

galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 112960 | 8.5 ^A | 10 |

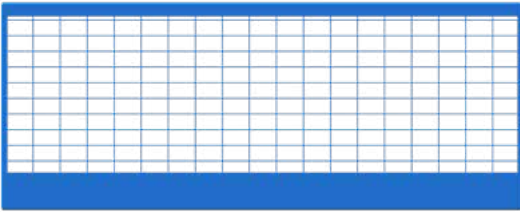


Post for plugging down - type Protection

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

galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 112960P | 4.6 ^A | 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 |
|----------|--------|------|
| 112961 | 15.9 c | 1 |



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 |
|----------|---------|------|
| 112961-5 | 163.0 c | 1 |



Fall protection SET type Protection

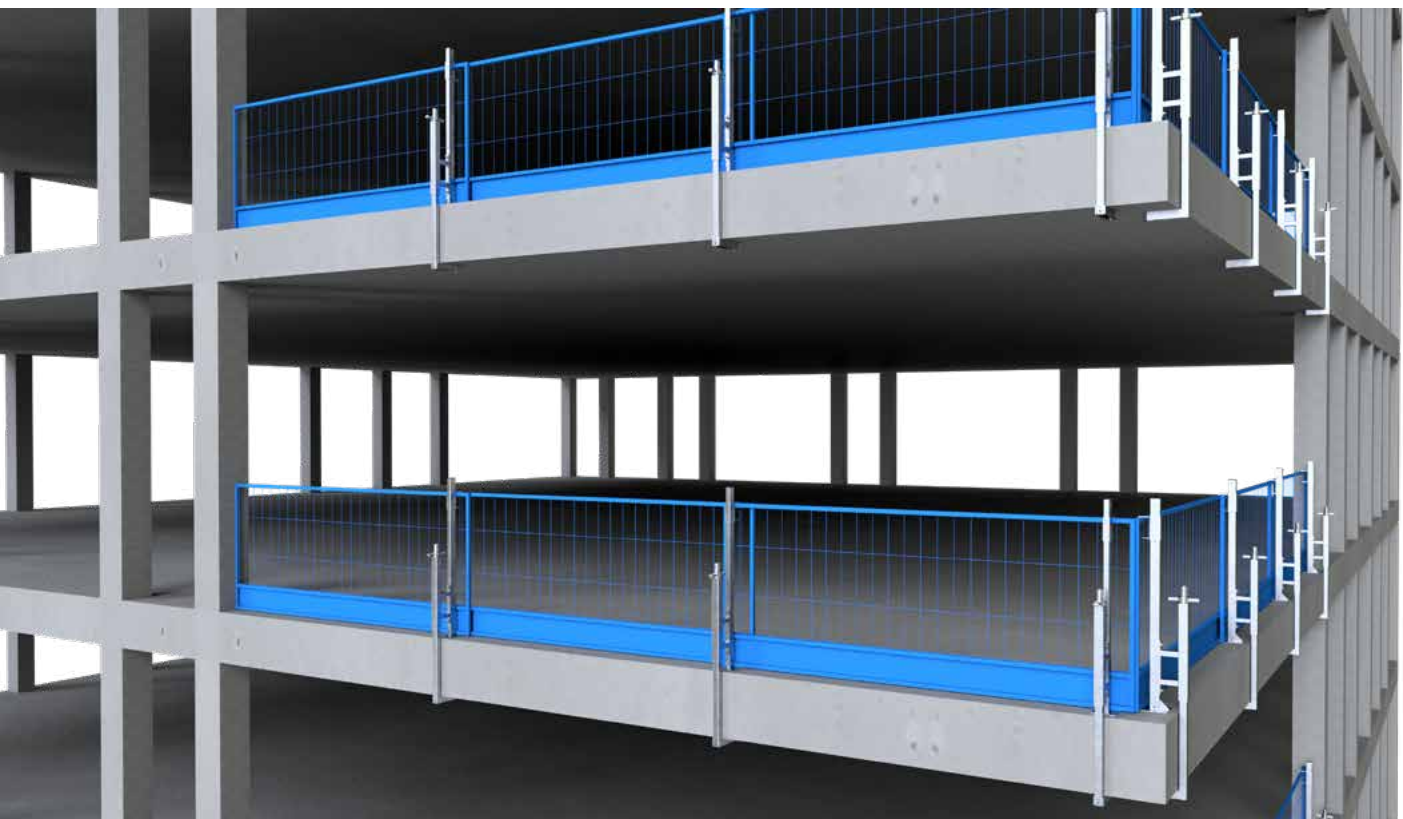
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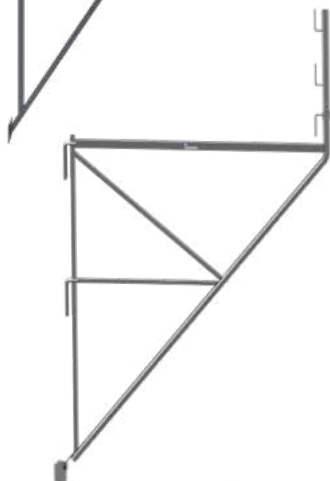
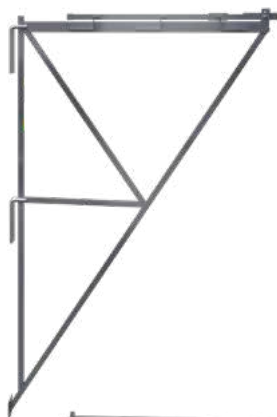
1 x pallet for fall protection type Protection (part-no. 112961-5)

25 x fixing clamp type Protection (part-no. 112960)

25 x steel grid system type Protection (part-no. 112961)

| Part-No. | Kg | Unit |
|------------|---------|------|
| 112961-SET | 888.0 c | 1 |





Bracket scaffolding

type 150 acc. to DIN 4420

galvanized

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 11290 | 26.0 ^c | 1 |



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 |
|----------|-------------------|------|
| 11291 | 40.0 ^c | 1 |

Top extension 1.00 m

for carpenter's bracket scaffold

galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 112901 | 4.5 ^A | 1 |

galvanized, for corner bracketed scaffolding

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 112911 | 5.0 ^A | 1 |

Loop

for suspending bracket scaffold, diameter 10 mm

acc. to DIN 4420

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 11298 | 1.1 ^A | 25 |

Suspension shoe

for scaffold groups 1 - 4, perm load 18 kN

galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 11299 | 2.0 ^A | 1 |

Suspension shoe

for building corners, with rear angel

galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 11300 | 2.5 ^A | 1 |



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/m²). 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



Can also be used with steel scaffold plank through U-iron receptacle

painted
galvanized

| Part-No. | Kg | Unit |
|----------|-------------------|------|
| 11295 | 12.3 ^B | 25 |
| 11295V | 12.0 ^B | 25 |



Sleeve for concreting bracket

incl. lamella plug

painted

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 11295-1 | 0.9 ^A | 25 |



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

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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 |
|------------|----------|-------------------|------|
| painted | 50100-0 | 19.0 ^B | 5 |
| galvanized | 50102-0 | 20.0 ^B | 5 |

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 |
|------------|----------|-------------------|------|
| painted | 50110-0 | 25.0 ^B | 5 |
| galvanized | 50120-0 | 26.0 ^B | 5 |

**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 |
|------------|----------|-------------------|------|
| painted | 50150-0 | 26.0 ^B | 9 |
| galvanized | 50160-0 | 27.0 ^B | 9 |

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 m 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 |
|------------|----------|-------------------|------|
| painted | 50200-0 | 27.0 ^B | 9 |
| galvanized | 50210-0 | 28.0 ^B | 9 |

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 |
|------------|----------|-------------------|------|
| painted | 50140 | 25,0 ^B | 5 |
| galvanized | 50140V | 26,0 ^B | 5 |

**Transport and storage pallet**

large version, with 2 additional cross tubes, vertical and cross tubes are made of \varnothing 48.3 m 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 |
|------------|----------|-------------------|------|
| painted | 50144 | 40.0 ^B | 1 |
| galvanized | 50143 | 40.0 ^B | 1 |



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 |
|------------|-----------|-------------------|------|
| painted | 50400-1-0 | 25.0 ^B | 5 |
| galvanized | 50401-1-0 | 26.0 ^B | 5 |



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 |
|------------|----------|-------------------|------|
| painted | 50300-0 | 64.0 ^B | 1 |
| galvanized | 50310-0 | 66.0 ^B | 1 |

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 |
|------------|----------|-------------------|------|
| painted | 50320-0 | 67.0 ^B | 1 |
| galvanized | 50330-0 | 69.0 ^B | 1 |

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 |
|------------|----------|-------------------|------|
| painted | 50340-0 | 69.0 ^B | 1 |
| galvanized | 50350-0 | 71.0 ^B | 1 |

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 |
|------------|----------|-------------------|------|
| painted | 50321-0 | 67.0 ^B | 1 |
| galvanized | 50322-0 | 69.0 ^B | 1 |



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 |
|-----------------------|----------|------------------|------|
| thread length: 300 mm | 5R116-3 | 5.2 ^A | 4 |
| thread length: 400 mm | 5R116-4 | 5.8 ^A | 4 |
| thread length: 500 mm | 5R116-5 | 6.1 ^A | 4 |
| thread length: 600 mm | 5R116-6 | 6.5 ^A | 4 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50371 | 98.0 ^B | 1 |



Big-Bags

90 x 90 x 110 cm bottom closed incl. apron cover, load capacity 1.250 kg, fabric thickness : 150 x 20 g/m²
Material: UV stabilized polypropylene fabric coated incl. 4 lifting loops with 25cm length



| Part-No. | Kg | Unit |
|----------|------------------|------|
| 5037-90 | 1.4 ^A | 5 |



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 |
|-----------|--------|------|
| 50114-50 | 39.0 B | 1 |
| 50114-116 | 53.0 B | 1 |



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 |
|----------|--------|------|
| 50116 | 50.0 B | 1 |



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 |
|----------|--------|------|
| 50116-2 | 33.5 B | 1 |



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 |
|----------|--------|------|
| 50116-5 | 70.5 B | 1 |



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 |
|----------|--------|------|
| 50116-70 | 40.0 B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50118-1 | 38.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50118-2 | 44.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50118-3 | 60.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| painted | 50180 | 51.0 ^B | 1 |
| galvanized | 50181 | 53.0 ^B | 1 |





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 m³
- according to: UIC-Norm 435-3; belongs to DIN 15155

| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 50370 | 70.0 ^B | 1 |



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 0.75m³, side part can be folded in half for easy loading and unloading
dimensions: length 1200 mm, width 800 mm



| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 50372 | 69.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 31995-5 | 78.0 ^B | 1 |

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 |
|--|----------|-------------------|------|
| | 50375 | 25.0 ^B | 1 |

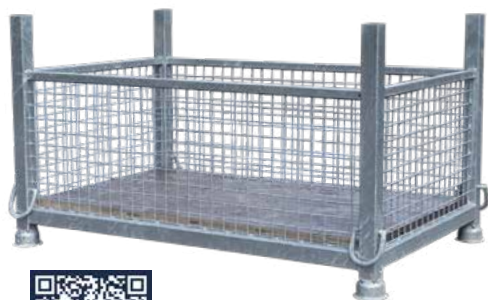
Wooden attachment frame

Dimensions: 1200 x 800 x 200 mm

| | Part-No. | Kg | Unit |
|----------------------------|-----------|------------------|------|
| with steel corner fittings | 50376-200 | 7.8 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 50215 | 90.0 ^B | 1 |



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 |
|------------|----------|-------------------|------|
| galvanized | 3B231 | 96.0 ^B | 1 |



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

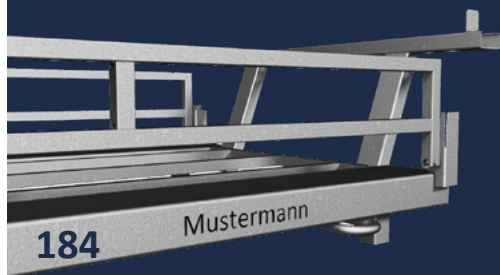
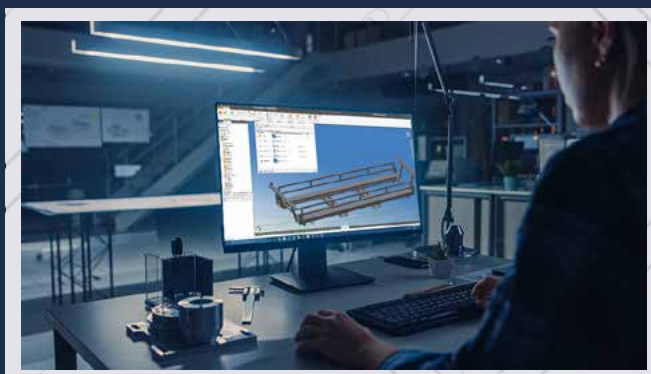
| | Part-No. | Kg | Unit |
|------------|----------|-------------------|------|
| galvanized | 50115 | 52.0 ^B | 1 |



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!





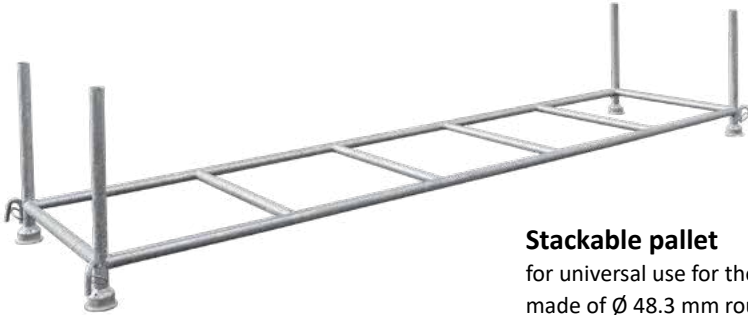
Storage and transport pallet for traffic panels

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 |
|----------|--------|------|
| 3B214-2 | 57.0 B | 1 |



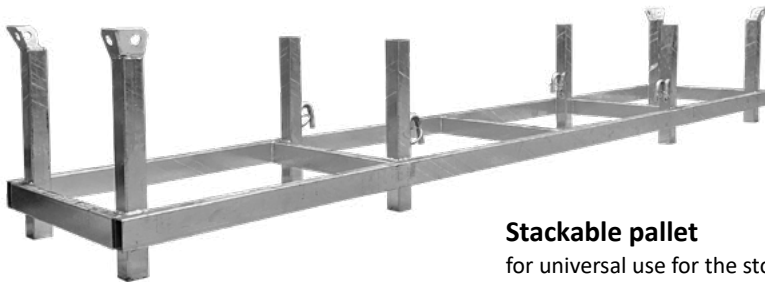
Stackable pallet

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 |
|------------|--------|------|
| 50200-40-0 | 55.0 D | 1 |



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 |
|----------|--------|------|
| 50212 | 94.0 D | 1 |



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 |
|----------|---------|------|
| 50185 | 110.0 B | 1 |
| 50185V | 120.0 B | 1 |



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 |
|--|----------|--------|------|
| without pan support with inflatable tire | 52100F | 17.3 B | 1 |
| without pan support with PU wheel | 52100FP | 18.7 B | 1 |



deep pan 90 l, sheet thickness: 1.00 mm

| mounted: | Part-No. | Kg | Unit |
|--|----------|--------|------|
| without pan support with inflatable tire | 52100T | 18.2 B | 1 |
| without pan support with PU wheel | 52100TP | 19.6 B | 1 |
| with pan support with inflatable tire | 52100TM | 19.3 B | 1 |
| with pan support with PU wheel | 52100TMP | 20.8 B | 1 |

i Individual advertising space

Individual logo plate
Dimensions: 240 x 85 mm

| Part-No. | Kg |
|----------|-----|
| SKS-Logo | 0.1 |



Individual embossing of pan
Dimensions: 330 x 100 mm

on request



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

Barrier free construction site

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 |
|--|----------|-------------------|------|
| without pan support with inflatable tire | 52200FD | 20.7 ^B | 1 |
| without pan support with PU wheel | 52200FDP | 22.1 ^B | 1 |

deep pan 90 l with wire insert, sheet thickness: 1.25 mm

| mounted | Part-No. | Kg | Unit |
|--|-----------|-------------------|------|
| without pan support with inflatable tire | 52200TD | 21.4 ^B | 1 |
| without pan support with PU wheel | 52200TDP | 22.8 ^B | 1 |
| with pan support with inflatable tire | 52200TDM | 20.8 ^B | 1 |
| with pan support with PU wheel | 52200TDMP | 23.9 ^B | 1 |



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



Frame for wheelbarrow type „Geselle“

strong tubular frame made of \varnothing 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
520G 0.2

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 521G | 6.5 ^B | 10 |



Frame for wheelbarrow type „Polier“

strong tubular frame made of \varnothing 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 |
|----------|------------------|------|
| 522G | 9.9 ^B | 10 |



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 |
|----------|------------------|------|
| 520F10 | 6.0 ^A | 10 |
| 520F12 | 7.5 ^A | 10 |
| 520F12D | 7.8 ^B | 10 |



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 |
|----------|------------------|------|
| 520T10 | 6.0 ^A | 10 |
| 520T12 | 8.0 ^A | 10 |
| 520T12D | 8.3 ^B | 10 |



Pan support

pan support \varnothing 32 mm, to be fixed by included mounting material with frame and pan, galvanized

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 520M | 1.5 ^A | 1 |



Polyurethanewheel for wheelbarrow

PU wheel 400/100 yellow on galvanized steel rim with bearings for all current wheelbarrow frames; axle \varnothing 17 mm incl.

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 520P | 2.9 ^A | 1 |

Complete axle:
incl. 2 nuts and 4 shims



Inflatable tire for wheelbarrow

inflatable tire 400/100 black on galvanized steel rim with bearings for all current wheelbarrow frames; axle \varnothing 17 mm incl.

| Part-No. | Kg | Unit |
|----------|------------------|------|
| 520R | 2.3 ^A | 1 |

Part-No. Kg
520A 0.3 ^A





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 |
|----------|-------------------|------|
| 519060 | 17.6 ^B | 1 |
| 519070A | 12.0 ^B | 1 |



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 |
|----------|--------------------|------|
| 50K40V | 120.0 ^B | 1 |





Crane and loading fork 1500

| | Part-No. | Kg | Unit |
|------------|----------|--------------------|------|
| painted | 50K15 | 150.0 ^B | 1 |
| galvanized | 50K15V | 150.0 ^B | 1 |

Crane and loading fork 2000

| | Part-No. | Kg | Unit |
|------------|----------|--------------------|------|
| painted | 50K20 | 200.0 ^B | 1 |
| galvanized | 50K20V | 200.0 ^B | 1 |



Lifting chain

2 Strand 8 mm: Load capacity at tilting angle: 0°- 45°: 2800 kg | 45°- 60°: 2000 kg

| | Part-No. | Kg | Unit |
|--------------------------------|----------|-------------------|------|
| 2.00 m without shortening hook | 52620H-8 | 7.5 ^A | 1 |
| 4.00 m with shortening hook | 5264VH-8 | 15.0 ^A | 1 |
| 6.00 m with shortening hook | 5266VH-8 | 21.0 ^A | 1 |

2 Strand 10 mm: Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3150 kg

| | Part-No. | Kg | Unit |
|--------------------------------|-----------|-------------------|------|
| 2.00 m without shortening hook | 52620H-10 | 12.0 ^A | 1 |
| 4.00 m with shortening hook | 5264VH-10 | 23.5 ^A | 1 |
| 6.00 m with shortening hook | 5266VH-10 | 32.5 ^A | 1 |

4 Strand 8 mm: Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3000 kg

| | Part-No. | Kg | Unit |
|--------------------------------|----------|-------------------|------|
| 2.00 m without shortening hook | 54620H-8 | 15.0 ^A | 1 |
| 4.00 m with shortening hook | 5464VH-8 | 30.0 ^A | 1 |
| 6.00 m with shortening hook | 5466VH-8 | 42.0 ^A | 1 |

4 Strand 10 mm: Load capacity at tilting angle: 0°- 45°: 6700 kg | 45°- 60°: 4750 kg

| | Part-No. | Kg | Unit |
|--------------------------------|-----------|-------------------|------|
| 2.00 m without shortening hook | 54620H-10 | 32.0 ^A | 1 |
| 4.00 m with shortening hook | 5464VH-10 | 47.0 ^A | 1 |
| 6.00 m with shortening hook | 5466VH-10 | 64.0 ^A | 1 |

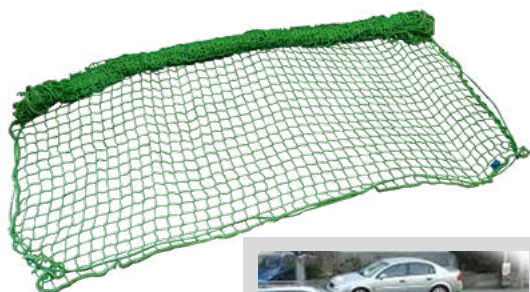


Industrial pulley block

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 |
|--|----------|-------------------|------|
| Pulley block with 250 kg load capacity | 526250 | 7.0 ^A | 1 |
| Pulley block with 500 kg load capacity | 526500 | 10.5 ^A | 1 |





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 |
|----------|---------------|-------------------|------|
| 501522 | 1.50 x 2.20 m | 0.83 ^A | 28 |
| 502025 | 2.00 x 2.50 m | 1.20 ^A | 20 |
| 502030 | 2.00 x 3.00 m | 0.95 ^A | 10 |
| 502035 | 2.00 x 3.50 m | 1.63 ^A | 20 |
| 502535 | 2.50 x 3.50 m | 1.45 ^A | 16 |
| 502540 | 2.50 x 4.00 m | 2.35 ^A | 8 |
| 503035 | 3.00 x 3.50 m | 1.70 ^A | 15 |
| 503040 | 3.00 x 4.00 m | 1.90 ^A | 12 |

without rubber cord

| Part-No. | Sizes | Kg | Unit |
|----------|---------------|-------------------|------|
| 503050 | 3.00 x 5.00 m | 2.40 ^A | 10 |
| 503060 | 3.00 x 6.00 m | 2.90 ^A | 5 |
| 503070 | 3.00 x 7.00 m | 3.40 ^A | 5 |
| 503080 | 3.00 x 8.00 m | 3.85 ^A | 8 |
| 503550 | 3.50 x 5.00 m | 2.82 ^A | 10 |
| 503570 | 3.50 x 7.00 m | 3.95 ^A | 5 |



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 |
|----------|-------------------|------|
| 53600 | 37.0 ^B | 1 |

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 |
|----------|------------|--------------|--------|--------|------|
| 50251-4K | 25.00 mm | 200 / 400 | 4.00 m | 0.19 A | 25 |
| 50251-6K | 25.00 mm | 200 / 400 | 6.00 m | 0.26 A | 25 |
| 50251-8K | 25.00 mm | 200 / 400 | 8.00 m | 0.33 A | 25 |



Lashing strap, one-piece, with ratchet

of polyester acc. to DIN EN 121965-2

| Part-No. | Belt width | Traction/daN | Length | Kg | Unit |
|-----------|------------|--------------|--------|--------|------|
| 50251-4 | 25.00 mm | 250 / 500 | 4.00 m | 0.30 A | 25 |
| 50251-5 | 25.00 mm | 250 / 500 | 5.00 m | 0.32 A | 25 |
| 50251-6 | 25.00 mm | 250 / 500 | 6.00 m | 0.35 A | 25 |
| 50251-4P | 25.00 mm | 400 / 800 | 4.00 m | 0.30 A | 50 |
| 50251-6P | 25.00 mm | 400 / 800 | 6.00 m | 0.35 A | 50 |
| 50251-8P | 25.00 mm | 400 / 800 | 8.00 m | 0.40 A | 50 |
| 50251-4PP | 25.00 mm | 500 / 1000 | 4.00 m | 0.32 A | 25 |
| 50251-6PP | 25.00 mm | 500 / 1000 | 6.00 m | 0.38 A | 25 |
| 50251-8PP | 25.00 mm | 500 / 1000 | 8.00 m | 0.44 A | 25 |
| 50351-4 | 35.00 mm | 1000 / 2000 | 4.00 m | 0.68 A | 10 |
| 50351-6 | 35.00 mm | 1000 / 2000 | 6.00 m | 0.80 A | 10 |
| 50351-8 | 35.00 mm | 1000 / 2000 | 8.00 m | 0.92 A | 10 |
| 50501-6 | 50.00 mm | 2000 / 4000 | 6.00 m | 1.60 A | 10 |
| 50501-8 | 50.00 mm | 2000 / 4000 | 8.00 m | 1.81 A | 10 |
| 50501-6P | 50.00 mm | 2500 / 5000 | 6.00 m | 1.81 A | 10 |
| 50501-8P | 50.00 mm | 2500 / 5000 | 8.00 m | 2.05 A | 10 |
| 50751-8 | 50.00 mm | 5000 / 10000 | 8.00 m | 5.91 A | 5 |



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 |
|---------------|------------|--------------|---------|--------|------|
| 50252-4 | 25.00 mm | 250 / 500 | 4.00 m | 0.41 A | 25 |
| 50252-5 | 25.00 mm | 250 / 500 | 5.00 m | 0.44 A | 25 |
| 50252-6 | 25.00 mm | 250 / 500 | 6.00 m | 0.47 A | 25 |
| 50252-4P1 | 25.00 mm | 400 / 800 | 4.00 m | 0.37 A | 25 |
| 50252-6P1 | 25.00 mm | 400 / 800 | 6.00 m | 0.42 A | 25 |
| 50252-8P1 | 25.00 mm | 400 / 800 | 8.00 m | 0.47 A | 25 |
| 50252-4P2 | 25.00 mm | 500 / 1000 | 4.00 m | 0.46 A | 25 |
| 50252-6P2 | 25.00 mm | 500 / 1000 | 6.00 m | 0.53 A | 25 |
| 50252-8P2 | 25.00 mm | 500 / 1000 | 8.00 m | 0.59 A | 25 |
| 50352-4 | 35.00 mm | 1000 / 2000 | 4.00 m | 0.96 A | 10 |
| 50352-6 | 35.00 mm | 1000 / 2000 | 6.00 m | 1.08 A | 10 |
| 50352-8 | 35.00 mm | 1000 / 2000 | 8.00 m | 1.20 A | 10 |
| 50502-6 | 50.00 mm | 2000 / 4000 | 6.00 m | 2.19 A | 10 |
| 50502-8 | 50.00 mm | 2000 / 4000 | 8.00 m | 2.40 A | 10 |
| 50502-8ERGO | 50.00 mm | 2000 / 4000 | 8.00 m | 2.76 A | 8 |
| 50502-10ERGO | 50.00 mm | 2000 / 4000 | 10.00 m | 2.97 A | 8 |
| 50502-6P | 50.00 mm | 2500 / 5000 | 6.00 m | 2.33 A | 5 |
| 50502-8P | 50.00 mm | 2500 / 5000 | 8.00 m | 2.60 A | 5 |
| 50502-10P | 50.00 mm | 2500 / 5000 | 10.00 m | 2.85 A | 5 |
| 50502-8PERGO | 50.00 mm | 2500 / 5000 | 8.00 m | 3.00 A | 8 |
| 50502-10PERGO | 50.00 mm | 2500 / 5000 | 10.00 m | 3.90 A | 8 |
| 50752-8 | 75.00 mm | 5000 / 10000 | 8.00 m | 6.75 A | 5 |

i Taking less than 1 unit on request

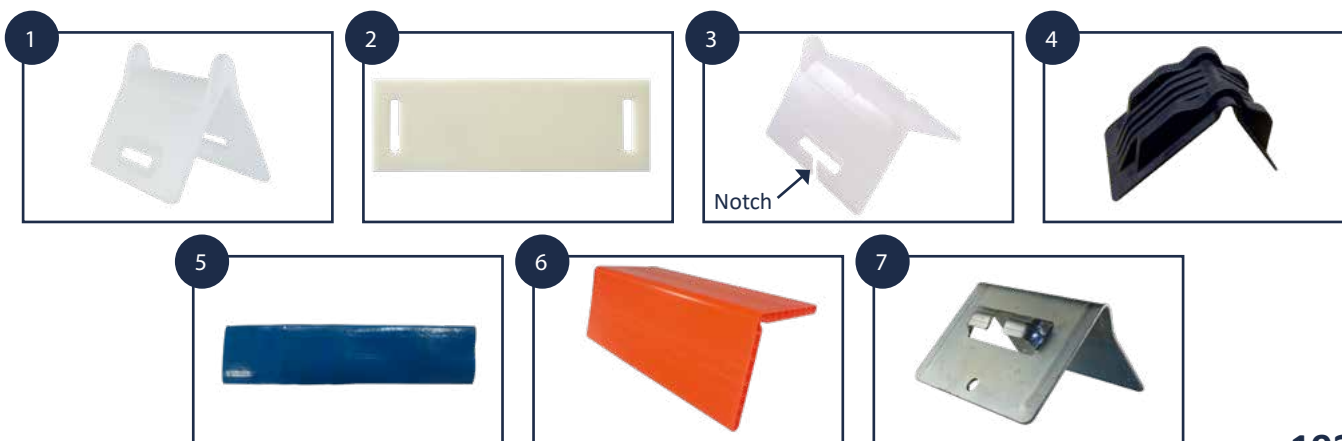
Edge protection

protects from sharp edges and abrading surfaces

| Model | Part-No. | Material | For belt width | Angle | Total width | Leg length | Kg | Unit |
|-------|----------|----------|----------------|----------|-------------|----------------|--------|------|
| 1 | 50KS01 | PE | 50.00 mm | 90° | 135 mm | 90 mm | 0.08 A | 320 |
| 2 | 50KS02 | PU | 50.00 mm | flexible | 100 mm | 140mm | 0.14 A | 200 |
| 3 | 50KS03 | PE | 50.00 mm | 90° | 135 mm | 90 mm | 0.07 A | 320 |
| 4 | 50KS05 | PE | 75.00 mm | 100° | 145 mm | 179 x 131.5 mm | 0.23 A | 300 |
| 5 | 50KS07 | PVC | 50.00 mm | tube | 75 mm | 250 mm | 0.84 A | 360 |
| 6 | 50KS10 | HDPE | all types | 90° | 1000 mm | 190 mm | 2.15 A | 70 |
| 7 | 50KS04 | metal | 65.00 mm | 84° | 125 mm | 85 x 70 mm | 0.34 A | 300 |



i Taking less than 1 unit on request



Traffic safety



Infrastructure building



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

| Part-No. | Variation | Sizes | Thickness | Kg | Unit |
|----------|-----------|---------------------|-----------|--------|------|
| 50KS08 | roll | 5 m / width: 250 mm | 8.00 mm | 8.20 A | 1 |
| 50KS09 | piece | 200 x 100 mm | 8.00 mm | 0.13 A | 168 |

Mobile fence



i Taking less than 1 unit on request

Formwork



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



| Part-No. | Belt width | Lifting force | Circumference | Usable-length | Kg | Unit |
|-------------|------------|---------------|---------------|---------------|--------|------|
| 50001-12 | 37.00 mm | 1000 kg | 2.00 m | 1.0 m | 0.30 A | 50 |
| 50001-1,5/3 | 37.00 mm | 1000 kg | 3.00 m | 1.5 m | 0.39 A | 25 |
| 50001-24 | 37.00 mm | 1000 kg | 4.00 m | 2.0 m | 0.60 A | 25 |
| 50001-2,5/5 | 37.00 mm | 1000 kg | 5.00 m | 2.5 m | 0.63 A | 10 |
| 50001-36 | 37.00 mm | 1000 kg | 6.00 m | 3.0 m | 0.85 A | 10 |
| 50001-48 | 37.00 mm | 1000 kg | 8.00 m | 4.0 m | 1.00 A | 10 |
| 50002-12 | 37.00 mm | 2000 kg | 2.00 m | 1.0 m | 0.45 A | 50 |
| 50002-1,5/3 | 37.00 mm | 2000 kg | 3.00 m | 1.5 m | 0.70 A | 25 |
| 50002-24 | 37.00 mm | 2000 kg | 4.00 m | 2.0 m | 0.88 A | 25 |
| 50002-2,5/5 | 37.00 mm | 2000 kg | 5.00 m | 2.5 m | 1.16 A | 10 |
| 50002-36 | 37.00 mm | 2000 kg | 6.00 m | 3.0 m | 1.30 A | 10 |
| 50002-48 | 37.00 mm | 2000 kg | 8.00 m | 4.0 m | 1.84 A | 10 |
| 50003-12 | 44.00 mm | 3000 kg | 2.00 m | 1.0 m | 0.63 A | 25 |
| 50003-1,5/3 | 44.00 mm | 3000 kg | 3.00 m | 1.5 m | 0.92 A | 25 |
| 50003-24 | 44.00 mm | 3000 kg | 4.00 m | 2.0 m | 1.24 A | 25 |
| 50003-2,5/5 | 44.00 mm | 3000 kg | 5.00 m | 2.5 m | 1.63 A | 10 |
| 50003-36 | 44.00 mm | 3000 kg | 6.00 m | 3.0 m | 1.53 A | 10 |
| 50003-48 | 44.00 mm | 3000 kg | 8.00 m | 4.0 m | 2.60 A | 10 |

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



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

Building site installation

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 |
|----------|------------|---------------|---------------|--------|------|
| 50301-1 | 30 mm | 1000 kg | 1.00 m | 0.23 A | 25 |
| 50301-2 | 30 mm | 1000 kg | 2.00 m | 0.40 A | 25 |
| 50301-3 | 30 mm | 1000 kg | 3.00 m | 0.58 A | 25 |
| 50301-4 | 30 mm | 1000 kg | 4.00 m | 0.77 A | 10 |
| 50301-5 | 30 mm | 1000 kg | 5.00 m | 0.93 A | 10 |
| 50301-6 | 30 mm | 1000 kg | 6.00 m | 1.10 A | 10 |
| 50301-8 | 30 mm | 1000 kg | 8.00 m | 1.43 A | 10 |
| 50602-1 | 60 mm | 2000 kg | 1.00 m | 0.44 A | 25 |
| 50602-2 | 60 mm | 2000 kg | 2.00 m | 0.85 A | 25 |
| 50602-3 | 60 mm | 2000 kg | 3.00 m | 1.14 A | 25 |
| 50602-4 | 60 mm | 2000 kg | 4.00 m | 1.55 A | 10 |
| 50602-5 | 60 mm | 2000 kg | 5.00 m | 1.90 A | 10 |
| 50602-6 | 60 mm | 2000 kg | 6.00 m | 2.25 A | 10 |
| 50602-8 | 60 mm | 2000 kg | 8.00 m | 2.50 A | 10 |
| 50903-1 | 90 mm | 3000 kg | 1.00 m | 0.69 A | 10 |
| 50903-2 | 90 mm | 3000 kg | 2.00 m | 1.24 A | 10 |
| 50903-3 | 90 mm | 3000 kg | 3.00 m | 1.79 A | 10 |
| 50903-4 | 90 mm | 3000 kg | 4.00 m | 2.45 A | 10 |
| 50903-5 | 90 mm | 3000 kg | 5.00 m | 2.98 A | 5 |
| 50903-6 | 90 mm | 3000 kg | 6.00 m | 3.53 A | 5 |
| 50903-8 | 90 mm | 3000 kg | 8.00 m | 4.63 A | 5 |

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

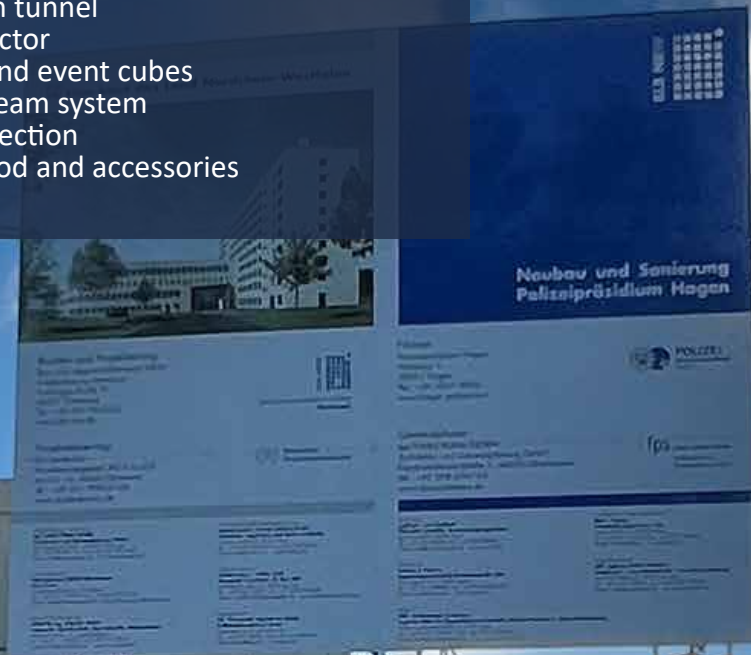
i Taking less than 1 unit on request



| | |
|---|------------|
| ■ | WLL 1,0 t |
| ■ | WLL 2,0 t |
| ■ | WLL 3,0 t |
| ■ | WLL 4,0 t |
| ■ | 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 |
|--------------------------------|------------|---------------------|------|
| board holder for 2.00 x 2.00 m | 353320-SET | 1526.0 ^s | 1 |

additionally with 1 x spotlight holder

| | | | |
|--------------------------------------|--------------|---------------------|---|
| 1 x spotlight and 2 x rotary coupler | 353320S1-SET | 1541.0 ^s | 1 |
|--------------------------------------|--------------|---------------------|---|



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 |
|--------------------------------|------------|---------------------|------|
| Board holder for 3.00 x 2.00 m | 353330-SET | 3035.0 ^s | 1 |

additionally with 2 x spotlight holder,

| | | | |
|--------------------------------------|--------------|---------------------|---|
| 2 x spotlight and 4 x rotary coupler | 353330S1-SET | 3054.0 ^s | 1 |
|--------------------------------------|--------------|---------------------|---|



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 |
|--------------------------------|------------|---------------------|------|
| Board holder for 4.00 x 3.00 m | 353340-SET | 4682.0 ^s | 1 |

additionally with 2 x spotlight holder,

| | | | |
|--------------------------------------|--------------|---------------------|---|
| 2 x spotlight and 4 x rotary coupler | 353340S1-SET | 4702.0 ^s | 1 |
|--------------------------------------|--------------|---------------------|---|

| | | | |
|--------------------------------|------------|---------------------|---|
| Board holder for 5.00 x 3.00 m | 353350-SET | 4690.0 ^s | 1 |
|--------------------------------|------------|---------------------|---|

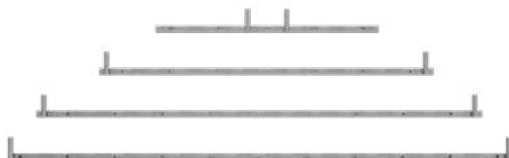
additionally with 2 x spotlight holder,

| | | | |
|--------------------------------------|--------------|---------------------|---|
| 2 x spotlight and 4 x rotary coupler | 353350S1-SET | 4710.0 ^s | 1 |
|--------------------------------------|--------------|---------------------|---|

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 |
|------------------------------|----------|-------------------|------|
| for 2.00 m advertising board | 353320 | 9.6 ^B | 1 |
| for 3.00 m advertising board | 353330 | 13.4 ^C | 1 |
| for 4.00 m advertising board | 353340 | 17.2 ^D | 1 |
| for 5.00 m advertising board | 353350 | 19.2 ^D | 1 |

Spotlight holder

of round tube, for mounting LED spotlight on lattice tower

| | Part-No. | Kg | Unit |
|------------|----------|------------------|------|
| galvanized | 3533H | 4.2 ^A | 1 |



i 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 |
|--------------------|----------------|--------|------|
| 4.00 m, galvanized | 353140 | 30.2 ▽ | 1 |
| 4.00 m, RAL9005 | 353140-RAL9005 | 30.2 ▽ | 1 |
| 5.00 m, galvanized | 353150 | 35.2 ▽ | 1 |
| 5.00 m, RAL9005 | 353150-RAL9005 | 35.2 ▽ | 1 |
| 6.00 m, galvanized | 353160 | 38.2 ▽ | 1 |
| 6.00 m, RAL9005 | 353160-RAL9005 | 38.2 ▽ | 1 |

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 |
|------------|---------------|-------|------|
| galvanized | 3531T | 9.1 ▲ | 1 |
| RAL9005 | 3531T-RAL9005 | 9.1 ▲ | 1 |

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

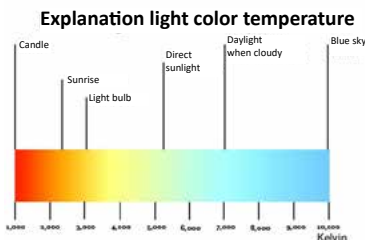
| | |
|-------------------------|------------|
| Power | 74/101 W |
| Kelvin | 4000 K. |
| Lifetime | 70000 h |
| Luminaire luminous flux | 9237 lm |
| LED rated luminous flux | 11050 lm |
| Luminous color | cold white |

| Part-No. | Kg | Unit |
|----------|-------|------|
| 3531S1 | 3.0 ▲ | 1 |

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 |
|-------------|----------|--------|------|
| length 8 m | 353180A | 45.2 ▽ | 1 |
| length 10 m | 3531100A | 54.7 ▽ | 1 |

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 |
|-----------|----------|--------|------|
| aluminium | 3531102 | 15.4 ▲ | 1 |

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 |
|------------|----------|--------|------|
| galvanized | 3531101 | 34.8 ▲ | 1 |

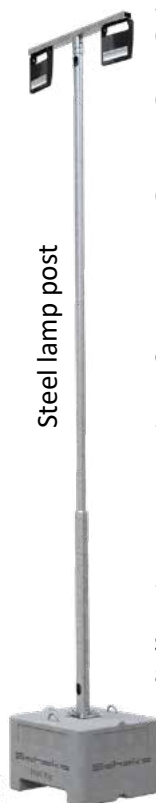


The light weight of aluminum lamp posts offers advantages in manufacturing, transport, storage and installation. Aluminum has self-passivating properties.

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 |
|--|---------------------|---------------------|------|
| 4.00 m pole height, galvanized 600 kg concrete set up device | 353140-SET1 | 630.0 ^s | 1 |
| 4.00 m pole height, RAL9005 600 kg concrete set up device | 353140-RAL9005-SET1 | 630.0 ^s | 1 |
| 5.00 m pole height, galvanized 600 kg concrete set up device | 353150-SET1 | 635.0 ^s | 1 |
| 5.00 m pole height, RAL9005 600 kg concrete set up device | 353150-RAL9005-SET1 | 635.0 ^s | 1 |
| 6.00 m pole height, galvanized 1000 kg concrete set up device | 353160-SET2 | 1071.7 ^s | 1 |
| 6.00 m pole height, RAL9005 1000 kg concrete set up device | 353160-RAL9005-SET2 | 1071.7 ^s | 1 |

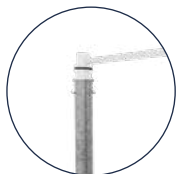
Lamp post SET made of aluminium

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 |
|-------------------------|--------------|---------------------|------|
| 8 meter aluminium post | 353180A-SET | 2300.0 ^s | 1 |
| 10 meter aluminium post | 3531100A-SET | 2350.0 ^s | 1 |



Flag pole SET

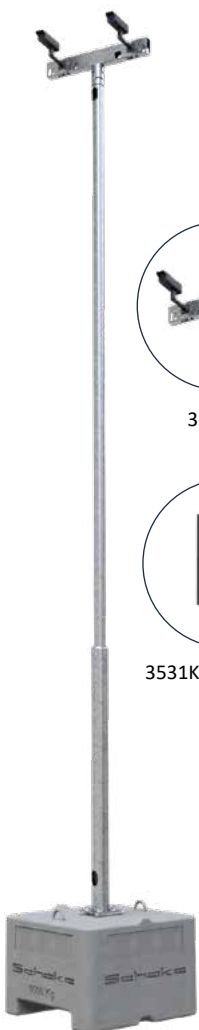
consisting of:
1 x concrete set up device (part-no. 3F121)
1 x steel pole 6.00 m, with tilt holder
1 x boom of plastic (part-no. 3531FA)

| set version with: | Part-No. | Kg | Unit |
|------------------------|-------------------|---------------------|------|
| steel pole, galvanized | 3531F-SET | 1040.0 ^s | 1 |
| steel pole, RAL9005 | 3531F-RAL9005-SET | 1040.0 ^s | 1 |

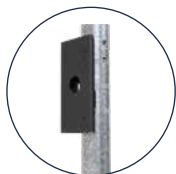
Boom

| | Part-No. | Kg | Unit |
|---------|----------|------------------|------|
| plastic | 3531FA | 1.0 ^A | 1 |

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 |
|---|--------------------|---------------------|------|
| steel pole, galvanized camera adaption, galvanized | 3531K-SET1 | 1049.0 ^s | 1 |
| steel pole, RAL9005 camera adaption, RAL9005 | 3531K-RAL9005-SET1 | 1049.0 ^s | 1 |

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 |
|------------------------|--------------------|---------------------|------|
| steel pole, galvanized | 3531K-SET2 | 1042.0 ^s | 1 |
| steel pole, RAL9005 | 3531K-RAL9005-SET2 | 1042.0 ^s | 1 |

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 |
|----------|--------------------|------|
| 53500 | 158.0 ^B | 1 |



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 |
|----------|--------------------|------|
| 53500EL | 170.0 ^B | 1 |

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 |
|------------|-------|------|
| 112500-SET | 365.0 | 1 |



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 |
|-------------|-------|------|
| 112500I-SET | 330.0 | 1 |



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 |
|-------------|-------|------|
| 112500A-SET | 305.0 | 1 |

Pedestrian tunnel



Traffic safety

Infrastructure building

Mobile fence

Formwork

Building support safety

Storage - transport

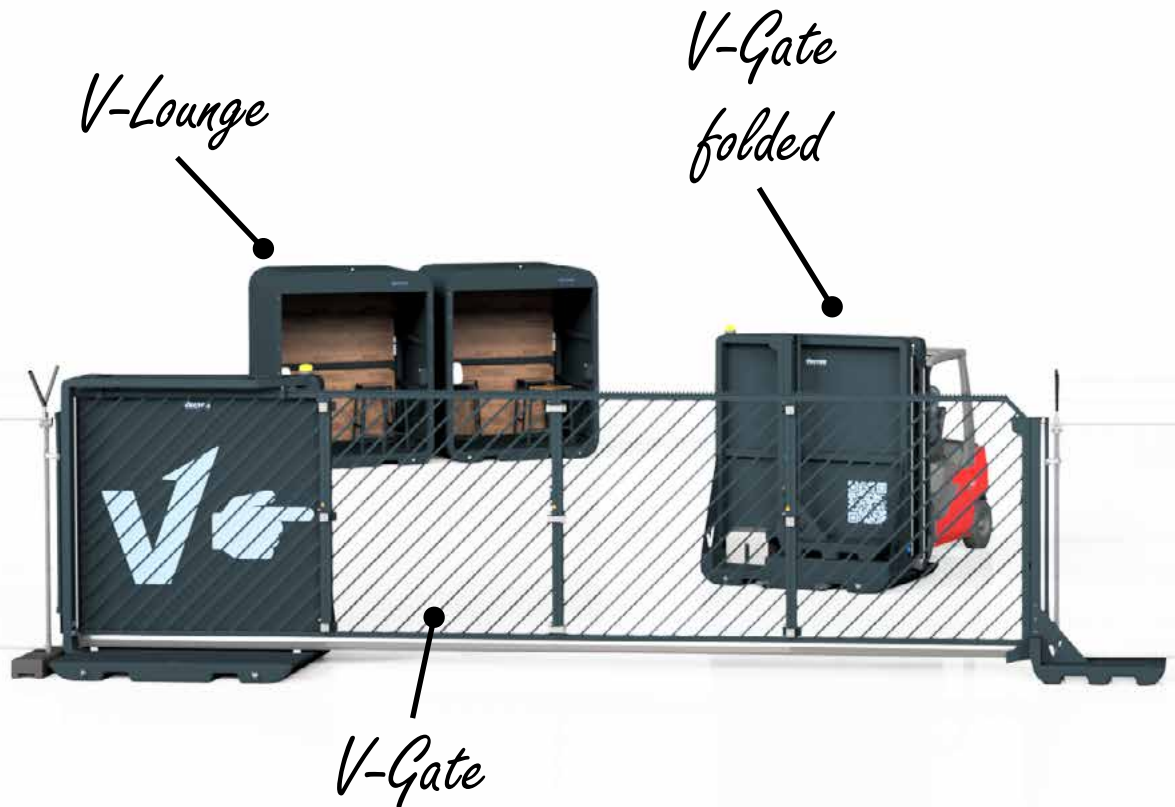
Building site installation

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



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 |
|-------------|---------------|-------------------------|------|
| LED | VPTU21VLO0108 | 1450.0 <small>s</small> | 1 |
| without LED | VPTU21VOO0069 | 1450.0 <small>s</small> | 1 |

| galvanized + black matt powder coated | Part-No. | Kg | Unit |
|---------------------------------------|---------------|-------------------------|------|
| LED | VPTU21SLO0109 | 1450.0 <small>s</small> | 1 |
| without LED | VPTU21SOO0068 | 1450.0 <small>s</small> | 1 |



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 |
|------------------|---------------|-------------------------|------|
| standard variant | VPPL21VOO0076 | 1550.0 <small>s</small> | 1 |

| galvanized + black matt powder coated | Part-No. | Kg | Unit |
|---------------------------------------|---------------|-------------------------|------|
| standard variant | VPPL21SOO0077 | 1550.0 <small>s</small> | 1 |



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 |
|------------------|---------------|-------------------------|------|
| standard variant | VPLO21VOO0072 | 1510.0 <small>s</small> | 1 |

| galvanized + black matt powder coated | Part-No. | Kg | Unit |
|---------------------------------------|---------------|-------------------------|------|
| standard variant | VPLO21SOO0073 | 1510.0 <small>s</small> | 1 |



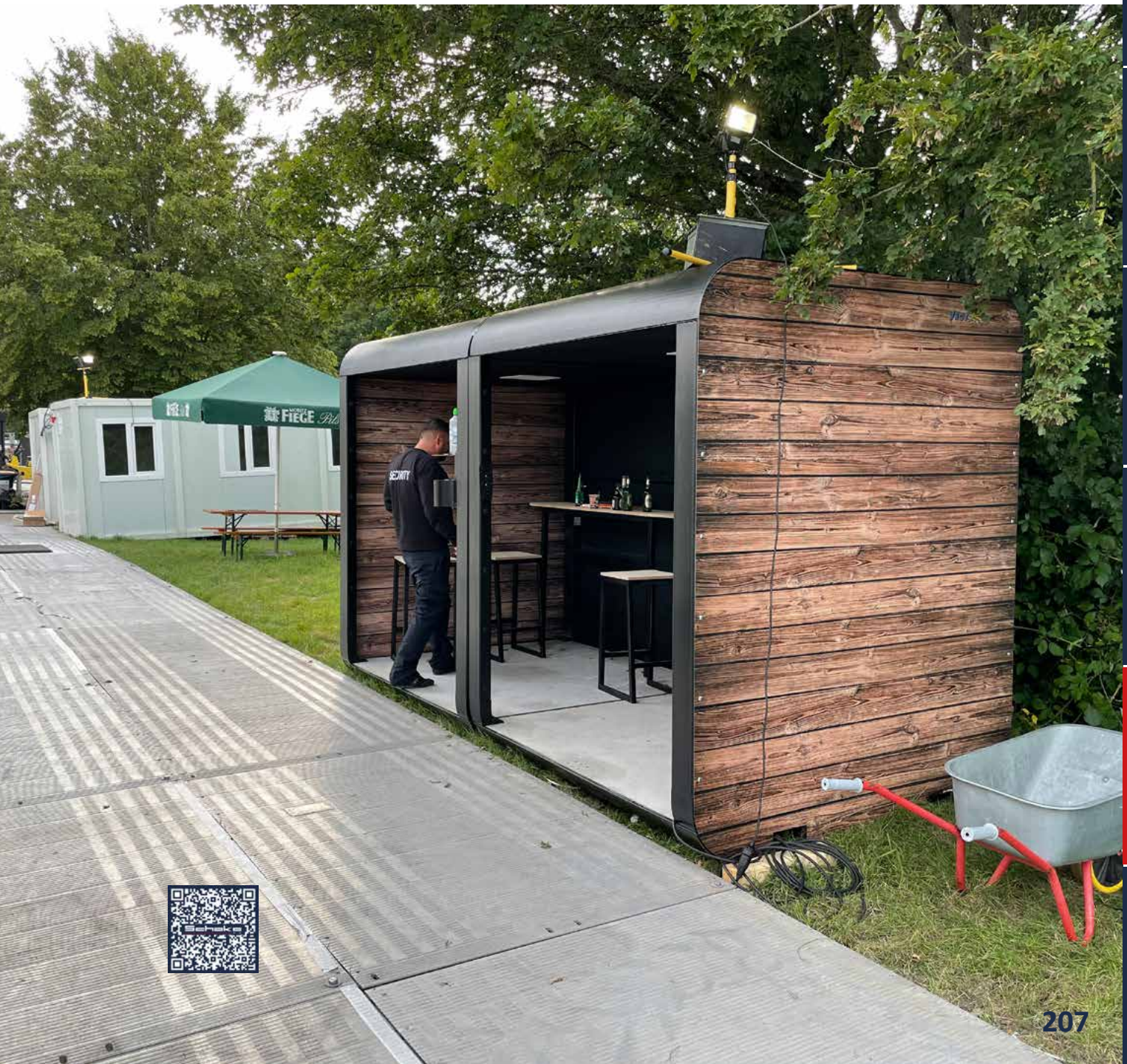


VPOF22SOO0127

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 |
|--|---------------|----------|------|
| standard variant | VPOF22VOO0126 | 1620.0 s | 1 |
| galvanized + black matt powder coated | | | |
| standard variant | VPOF22SOO0127 | 1620.0 s | 1 |



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 |
|----------------------------|---------------|--------|------|
| with heavy duty rollers | 118KRF25-SET1 | 70.6 B | 1 |
| without heavy duty rollers | 118KF25-SET1 | 65.8 B | 1 |

formwork-prop extension length 2.20 m - 4.00 m

| | | | |
|----------------------------|---------------|--------|---|
| with heavy duty rollers | 118KRF25-SET2 | 87.5 B | 1 |
| without heavy duty rollers | 118KF25-SET2 | 65.8 B | 1 |

Set variant with pulley block 500 kg load capacity:

formwork-prop extension length 1.70 m - 3.00 m

| | Part-No. | Kg | Unit |
|----------------------------|---------------|--------|------|
| with heavy duty rollers | 118KRF50-SET1 | 80.8 B | 1 |
| without heavy duty rollers | 118KF50-SET1 | 76.1 B | 1 |

formwork-prop extension length 2.20 m - 4.00 m

| | | | |
|----------------------------|---------------|--------|---|
| with heavy duty rollers | 118KRF50-SET2 | 97.8 B | 1 |
| without heavy duty rollers | 118KF50-SET2 | 93.0 B | 1 |

Euro formwork prop of class B/D

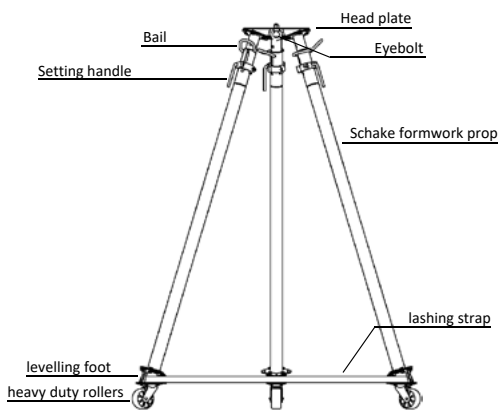
the proven prop for traditional building construction, hand crush and failure guards make handling these props safer. Our Euro formwork props comply with the current requirements of DIN EN 1065 for „free“ props. A label affixed to the prop marks the adjusting range of the prop lock, the permitted loads depend on the extent length of the formwork prop, see table on page 139

| | Part-No. | Kg | Unit |
|------------------------------------|----------|--------|------|
| B/D30 extent length: 1.70 - 3.00 m | 11830V | 16.5 B | 48 |
| B/D40 extent length: 2.20 - 4.00 m | 11832V | 21.5 B | 48 |

Lashing strap, 2-part, with ratchet

of polyester acc. to DIN EN 121965-2; Ergo = long-handle ratchet

| | Part-No. | Kg | Unit |
|-------------------------------|----------|-------|------|
| 35.00 mm, 1000 / 2000, 8.00 m | 50352-8 | 1.2 A | 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 |
|------------|----------|------------------|------|
| galvanized | 118KV_E3 | 8.1 ^A | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 118KV_E1 | 1.9 ^A | 1 |



Roller

for column beam system, dimensions 125/38/155 mm

| | Part-No. | Kg | Unit |
|--|----------|------------------|------|
| | 2052836 | 1.5 ^A | 1 |



Lifting chain

2 strand 8 mm: Load capacity at tilting angle: 0°- 45°: 2800 kg | 45°- 60°: 2000 kg

| | Part-No. | Kg | Unit |
|--------------------------------|----------|-------------------|------|
| 2.00 m without shortening hook | 52620H-8 | 7.5 ^A | 1 |
| 4.00 m with shortening hook | 5264VH-8 | 15.0 ^A | 1 |
| 6.00 m with shortening hook | 5266VH-8 | 21.0 ^A | 1 |

2 strand 10 mm: Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3150 kg

| | Part-No. | Kg | Unit |
|--------------------------------|-----------|-------------------|------|
| 2.00 m without shortening hook | 52620H-10 | 12.0 ^A | 1 |
| 4.00 m with shortening hook | 5264VH-10 | 23.5 ^A | 1 |
| 6.00 m with shortening hook | 5266VH-10 | 32.5 ^A | 1 |

4 Strand 8 mm: Load capacity at tilting angle: 0°- 45°: 4250 kg | 45°- 60°: 3000 kg

| | Part-No. | Kg | Unit |
|--------------------------------|----------|-------------------|------|
| 2.00 m without shortening hook | 54620H-8 | 15.0 ^A | 1 |
| 4.00 m with shortening hook | 5464VH-8 | 30.0 ^A | 1 |
| 6.00 m with shortening hook | 5466VH-8 | 42.0 ^A | 1 |

4 Strand 10 mm: Load capacity at tilting angle: 0°- 45°: 6700 kg | 45°- 60°: 4750 kg

| | Part-No. | Kg | Unit |
|--------------------------------|-----------|-------------------|------|
| 2.00 m without shortening hook | 54620H-10 | 32.0 ^A | 1 |
| 4.00 m with shortening hook | 5464VH-10 | 47.0 ^A | 1 |
| 6.00 m with shortening hook | 5466VH-10 | 64.0 ^A | 1 |

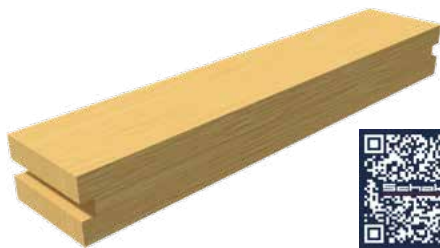


Industrial pulley block

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 |
|--|----------|-------------------|------|
| Pulley block with 250 kg load capacity | 526250 | 7.0 ^A | 1 |
| Pulley block with 500 kg load capacity | 526500 | 10.5 ^A | 1 |

Traffic safety



Support beam

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

| | Part-No. | Kg | Unit |
|--------|----------|-------------------|------|
| wooden | 10210 | 11.5 ^A | 1 |

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 |
|---------------------|----------|-------------------|------|
| 500 x 250 x 50 mm | 1025050 | 6.0 ^A | 1 |
| 500 x 250 x 100 mm | 1025010 | 12.0 ^A | 1 |
| 1000 x 250 x 50 mm | 1021050 | 12.0 ^A | 1 |
| 1000 x 250 x 100 mm | 1021010 | 24.0 ^A | 1 |

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 |
|---------------|----------|-------------------|------|
| UHMWPE, black | 33902 | 30.0 ^B | 1 |

Formwork



33902-1



33902-2

Accessories for floor protection mat

| | Part-No. | Kg | Unit |
|---|----------|------------------|------|
| longitudinal connector, for 15 mm plate | 33902-1 | 0.2 ^A | 1 |
| cross connector for 2 x 15 mm plate | 33902-2 | 0.5 ^A | 1 |

Building support safety

Storage - transport



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 |
|------------|----------|-------------------|------|
| galvanized | 33902-5 | 63.0 ^B | 1 |



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 |
|------------|----------|------------------|------|
| galvanized | 11189 | 4.1 ^A | 1 |

Cable guide rod

made of uncoated round steel \varnothing 12 mm, length: 1.20 m, with insulated cable holder



| | Part-No. | Kg | Unit |
|----------|----------|------------------|------|
| uncoated | 301212E | 1.4 ^A | 1 |

Earthing strap

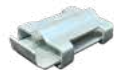
strip steel wound as a ring, corrosion-resistant, can be used as an deflector and earthing conductor for lightning protection, in earthing systems and in ring equipotential bonding. Suitable for laying in the ground soil

| | Part-No. | Kg | Unit |
|------------------------|------------|-------------------|------|
| galvanized, 25 kg ring | 11189-25VZ | 25.0 ^A | 1 |
| galvanized, 50 kg ring | 11189-50VZ | 50.0 ^A | 1 |

| | | | |
|-----------------------------|-------------|-------------------|---|
| stainless steel, 25 kg ring | 11189-25V4A | 25.0 ^A | 1 |
| stainless steel, 50 kg ring | 11189-50V4A | 50.0 ^A | 1 |

Wedge connector for earthing strap

only flat material up to 50 mm width



| | Part-No. | Kg | Unit |
|------------|-----------|------------------|------|
| galvanized | 11189-1VZ | 0.2 ^A | 1 |

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 |
|----------------------------------|------------|------------------|------|
| cross connector, galvanized | 11189-2VZ | 0.2 ^A | 1 |
| cross connector, stainless steel | 11189-1V4A | 0.2 ^A | 1 |

Double/diagonal connector for earthing strap

flat material up to 30mm width at 45° angle, up to 60mm at 0° 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 |
|--|------------|------------------|------|
| double/diagonal connector, galvanized | 11189-3VZ | 0.2 ^A | 1 |
| double/diagonal connector, stainless steel | 11189-3V4A | 0.2 ^A | 1 |

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 |
|----------|-------------------|------|
| 112500R | 28.6 ^B | 1 |

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 |
|----------|-------------------|------|
| 112500RL | 68.1 ^B | 1 |

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 |
|----------------------------------|----------|-------|------|
| short ramp, 1.60 x 0.80 x 0.15 m | VRAMPS | 38.0 | 1 |
| large ramp, 1.60 x 2.50 x 0.15 m | VRAMPL | 108.0 | 1 |

| galvanized + black matt powder coated | Part-No. | Kg | Unit |
|---------------------------------------|----------|-------|------|
| short ramp, 1.60 x 0.80 x 0.15 m | VRAMPS_S | 38.0 | 1 |
| large ramp, 1.60 x 2.50 x 0.15 m | VRAMPL_S | 108.0 | 1 |



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

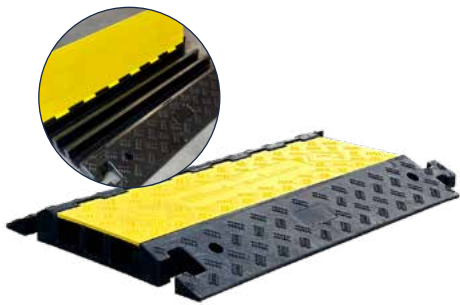
| galvanized | Part-No. | Kg | Unit |
|--|---------------|---------|------|
| construction fence module, handle | VPDO22VOB0182 | 280.0 B | 1 |
| galvanized + black matt powder coated | | | |
| construction fence module, handle | VPDO22SOB0183 | 280.0 B | 1 |
| double wire mesh fence module, handle | VPDO22SOD0186 | 280.0 B | 1 |
| construction fence module, escape door | VPDO22SFB0217 | 290.0 B | 1 |
| construction fence module, knob | VPDO22SKB0226 | 280.0 B | 1 |



i More access solutions on page 113,116,117



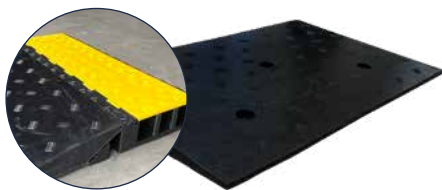
i Also available online as a set with mobile fences (part.-no. 3B7090VD-SET)



Ramp system A

with 3 ducts for cables and hoses, supports up to 20 tonnes, (approx 2 t 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 |
|---------|----------|-------------------|------|
| plastic | 33934 | 20.0 ^B | 1 |



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 |
|---------|----------|-------------------|------|
| plastic | 33934R | 15.0 ^B | 1 |

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 |
|----------|----------|------------------|------|
| aluminum | 3199B | 2.4 ^B | 1 |

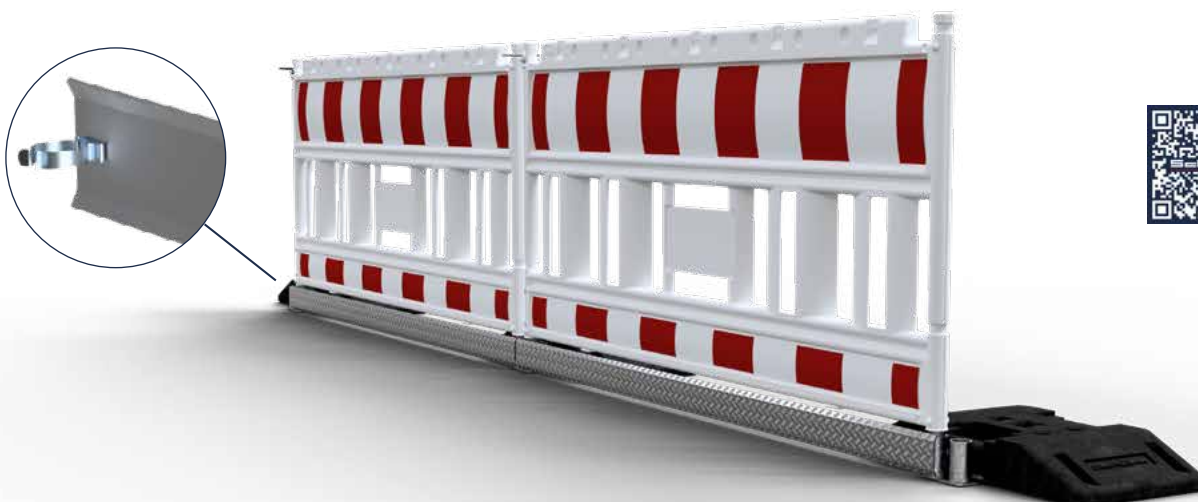
Base plate adapter

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 |
|------------|----------|------------------|------|
| galvanized | 3199F | 3.6 ^A | 1 |

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 |
|------------|----------|--------|------|
| galvanized | 419.00BF | 19.9 c | 45 |

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 |
|-----------|----------|---------|------|
| aluminium | 2029613 | 213.0 D | 1 |

Building support safety

Storage - transport

Building site installation



Barrier free construction site



Optimized product solutions, custom-made for your requirements

i

Our manifold productrange 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 Ø 39 mm
- 1 x head for formwork props, with tube Ø 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 Ø 15 mm, outside dimension Ø 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.

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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.