

# Overview



Anti-rattle solutions



Channel and manhole equipment



Odor filter



Grouting and masonry mortar



Joint tapes



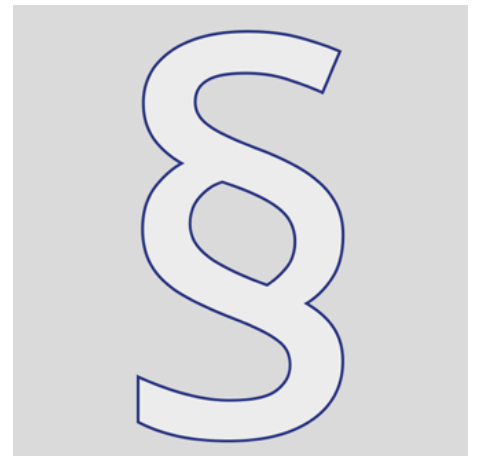
Construction site protection



Compressed air tools



Workshop and warehouse



Additional information

# Anti-rattle solutions



## Anti clatter insert

Anti-rattle pad - cushioning pad made of self-curing paste.

**Bag content:** approx. 440 g  
**Packaging unit:** Carton with 10 bags

BEC-UR-AK  
440 g  
10 Stk.



## Anti clatter insert Mini-Pack

Anti-rattle pad - cushioning pad made of self-curing paste.

**Bag content:** approx. 220 g  
**Packaging unit:** Carton with 10 bags

BEC-UR-AK-Mini  
220 g  
10 Stk.



## Original BECK® LILA anti-rattle ring Ø 66 cm

Quick and easy remedy for rattling manhole covers is the LILA anti-rattle ring.

**Diameter:** 66 cm  
**Ring thickness:** approx. 2 mm  
**Ring weight:** approx. 0,1 kg / piece  
**Packaging unit:** Bundle á 25 pieces

BEC-UR-Li-66  
0.1 kg  
25 Stk.  
66 cm



## Original BECK® LILA anti-rattle ring Ø 68 cm

Quick and easy remedy for rattling manhole covers is the LILA anti-rattle ring.

**Diameter:** 68 cm  
**Ring thickness:** approx. 2 mm  
**Ring weight:** approx. 0,1 kg / piece  
**Packaging unit:** Bundle á 25 pieces

BEC-UR-Li-68  
0.1 kg  
25 Stk.  
68 cm





## Channel and manhole equipment



Shaft formwork



Blocking plates shaft frame lifter



Shaft barrier grille



Manhole cover lifter



Shaft accessories



# Shaft formwork



## Bitumen steel construction

Bitumen paving formwork, adjustable, for self-leveling manhole covers.

Adjustment range: approx. 75 - 93 cm

Height: approx. 30 cm

BEC-RH-BS/058-075

15 kg

1 Stk.

30 cm



## Bitumen steel construction

Bitumen paving formwork, adjustable, for self-leveling manhole covers.

Adjustment range: approx. 58 - 75 cm

Height: approx. 30 cm

BEC-RH-BS/075-093

15 kg

1 Stk.

30 cm



## Air mantle shaft formwork 25 to 45 cm

Air jacket shaft formwork for road gullies with inner diameter approx. 25 cm to approx. 45 cm

BEC-RH-LS/025-045

7 kg

1 Stk.



## Air mantle shaft formwork - 35 cm to 45 cm

Air jacket shaft formwork for road gullies with inner diameter approx. 35 cm to approx. 45 cm

BEC-RH-LS/035-045

6.8 kg

1 Stk.



## Air mantle shaft formwork 62.5 cm

Air jacket shaft formwork for shafts with inner diameter approx. 62.5 cm

BEC-RH-LS/060

11.5 kg

1 Stk.



## Air-jacketed shaft formwork for shafts

with inner diameter approx. 600 mm - height 400 mm

BEC-RH-LS/060-040

1 Stk.



## Air mantle shaft formwork 70 cm

Air jacket shaft formwork for shafts with inner diameter approx. 70 cm

BEC-RH-LS/070

1 Stk.



# Shaft formwork



## Air mantle shaft formwork 80 cm

Air jacket shaft formwork for shafts with inner diameter approx. 80 cm

BEC-RH-LS/080

1 Stk.



## Metal shaft formwork approx. Ø 600 mm for manholes

The special quick-action screw connection ensures that it is pressed evenly against the shaft wall.

BEC-RH-MS/060

8 kg

1 Stk.

600 mm

The elastic sponge rubber on the lower edge ensures sealing. The shaft grouting mortar can be applied over the entire surface under the shaft frame and, due to the overall height, also behind it.



# Blocking plates shaft frame lifter



## Manhole shut-off plate for rainwater inlets with inner diameter approx. 350 mm

Manhole barrier plate for rainwater drains with an inner diameter of approx. 350 mm.

BEC-RH-AP/035-045

1 Stk.

Prevents construction debris, tools or even glasses, cell phones, cigarettes, car keys, etc. from falling into the drain.



## Manhole shut-off plate for manholes with inner diameter approx. 625 mm

Manhole barrier plate for manholes with an inner diameter of approx. 625 mm.

BEC-RH-AP/060

1 Stk.

Prevents construction debris, tools or even glasses, cell phones, cigarettes, car keys, etc. from falling into the sewer.



## Locking plate square, for square shafts - 590 x 590 mm

Shaft stop-off plate angular, for square shaft cones

**Outside (with rubber):** 590 x 590 mm

**Metal part:** 530 x 530 mm

BEC-RH-AP/060-060

12 kg

1 Stk.

530 x 530 mm



## Manhole shut-off plate for manholes with inner diameter approx. 700 mm

Manhole barrier plate for manholes with an inner diameter of approx. 700 mm.

BEC-RH-AP/070

1 Stk.

Prevents construction debris, tools or even glasses, cell phones, cigarettes, car keys, etc. from falling into the sewer.



## Manhole shut-off plate for manholes with inner diameter approx. 800 mm

Manhole barrier plate for manholes with an inner diameter of approx. 700 mm.

BEC-RH-AP/080

1 Stk.

Prevents construction debris, tools or even glasses, cell phones, cigarettes, car keys, etc. from falling into the sewer.



## Mechanical shaft frame lifter for shafts with Ø approx. 625 mm

Round or square pullable shaft frames with an inner diameter of approx. 600 mm can be lifted or completely replaced with this shaft frame lifter with millimeter precision due to the mechanical mode of operation.

BEC-RH-GG/060

90 kg

1 Stk.

1.100 x 1.000 mm



## Manhole frame lifter semi-hydraulic for manholes with Ø approx. 625 mm

The new, patented three double chisels achieve a larger contact surface and thus a tensile load distribution. The chisels can be easily pressed under the manhole frame using the hydraulics at the top.

BEC-RH-GG/060-HY

105 kg

1 Stk.

1.100 x 950 mm





# Blocking plates shaft frame lifter



## Internal shaft frame gripper for lifting open shaft frames Ø 600 mm

An ideal tool for carrying and moving manhole frames and compensation rings without straining your back.  
The frame gripper enables easy, safe transportation and installation of manhole covers in accordance with EN 124.

BEC-RH-ZU/HG  
10 kg  
1 Stk.



# Shaft barrier grille



## Cover grille, simple design

closed, without displacement protection, without flags, steel, galvanized

**Outer diameter:** approx. 65.5 cm

**Load capacity up to max:** 100 kg

**Weight:** approx. 6 kg

BEC-RO-AG/01

6 kg

1 Stk.

65.5 x 65.5 cm



## Manhole cover grille, simple design, hinged, closed LW 600

For securing manhole openings and road drains during inspection, renovation and flushing work.

Cover grille, simple design, hinged in the middle, closed - for manholes with a clear width of 600 mm.

**Outer diameter:** 65.5 cm

BEC-RO-AG/01-KL

7 kg

1 Stk.

65.5 x 65.5 cm



## Shaft cover grille, simple design with 120 mm cut-out, hinged, closed LW 600

Cover grille, simple design, hinged in the middle, closed - for shafts with a clear width of 600 mm.

**Outer diameter:** 65.5 cm

**Cut-out:** 120 mm

BEC-RO-AG/02-KL

7 kg

1 Stk.

65.5 x 65.5 cm





# Manhole cover lifter



## Allround lid lifter complete

A very compact, lightweight and most importantly collapsible manhole cover lifter. With this manhole cover lifter all common manhole covers can be lifted, moved away and reinserted.

BEC-DH-AR  
8.5 kg  
1 Stk.  
150 x 32 cm



## Twister magnetic cover lifter with cap for manhole covers and road gullies

Twister magnetic cover lifter with cap for manhole covers and road gullies

BEC-HW-TWI/052-STD  
7 kg  
1 Stk.



## VALIFTER - Lifting Mechanic

It has a foldable handle, is lightweight and individually adjustable. It is the only manhole cover opener in the world with ergonomics certification.

Design: Mechanical

FED-A-C-S2-MC  
9 kg  
1 Stk.  
80 x 27 x 24 cm



## VALIFTER - Lifting Mechanic ATEX certified

It has a foldable handle, is lightweight and individually adjustable. It is the only manhole cover opener in the world with ergonomics certification.

Design: Mechanical  
ATEX certified

FED-A-C-S2-MCAX  
9 kg  
1 Stk.  
80 x 27 x 24 cm



## VALIFTER - Lifting Magnetic

It has a foldable handle, is lightweight and individually adjustable. It is the only manhole cover opener in the world with ergonomics certification.

Design: Magnetic

FED-A-C-S2-MG  
9 kg  
1 Stk.  
80 x 27 x 24 cm



## VALIFTER - Lifting Magnetic Ex

It has a foldable handle, is lightweight and individually adjustable. It is the only manhole cover opener in the world with ergonomics certification.

Design: Magnetic  
ATEX certified

FED-A-C-S2-MGAX  
9 kg  
1 Stk.  
80 x 27 x 24 cm



# Shaft accessories



## Refill-Bag Smell filter for channel shafts for GF-AK/600 STD

BECK® odor filter refill bag for manholes LW 600 mm.  
Reduces, prevents annoying odor from your manholes.

BEC\_RV-ZU/13  
1.4 kg  
1 Stk.

Easy to replace (depending on degree of load) after approx. 2 - 3 years of operation.



## Hand tamper, shock absorbed

Hand tamper shock-absorbed for compacting cold asphalt materials.

BEC-ASP-ZU-004  
6 kg  
1 Stk.



## Hand hook 40 cm

Hand hook, 40 cm long, galvanized.  
For opening manhole covers. With handle.

BEC-DH-HH/40  
1.4 kg  
1 Stk.  
40 cm



## Hand hook 60 cm

Hand hook, 60 cm long, galvanized.  
For opening manhole covers. With handle.

BEC-DH-HH/60  
1.4 kg  
1 Stk.  
60 cm



## Hand hook 70 cm

Hand hook, 70 cm long, galvanized.  
For opening manhole covers. With handle.

BEC-DH-HH/70  
1.4 kg  
1 Stk.  
70 cm



## Hand hook 70 cm with breakaway aids

The hand hook with breakaway aids is ideal for all:

- manhole covers, especially for locked covers
- road gullies and
- manhole covers

BEC-DH-HH/70S  
1.6 kg  
1 Stk.  
70 cm



## Hand hook 80 cm

Hand hook, 80 cm long, galvanized.  
For opening manhole covers. With handle.

BEC-DH-HH/80  
1.4 kg  
1 Stk.  
80 cm



# Shaft accessories



## Hand hook 80 cm with breakaway aids for snap locks

Hand hook, 80 cm,  
with breakaway aids for snap caps with gripper for dirt traps with round  
handle

BEC-DH-HH/80SG-R  
2 kg  
1 Stk.  
80 cm



## 4-sided operating key 17 x 17 mm

The operating key enables easy opening of tightly fitted, bolted manhole  
covers.

Width across flats: 17 mm

BEC-DH-HH/BS4KT-17  
4 kg  
1 Stk.  
700 mm



## 4-sided operating key 19 x 19 mm

The operating key enables easy opening of tightly fitted, bolted manhole  
covers.

Width across flats: 19 mm

BEC-DH-HH/BS4KT-19  
4 kg  
1 Stk.  
700 mm



## 4-sided operating key 22 x 22 mm

The operating key enables easy opening of tightly fitted, bolted manhole  
covers.

Width across flats: 22 mm

BEC-DH-HH/BS4KT-22  
4 kg  
1 Stk.



## Hand rotary wrench 50 cm

Hand rotary wrench 50 cm

BEC-DH-HH/DS  
1 kg  
1 Stk.  
50 cm



## Hand wrench 70 cm, bottom thin version

bottom thin design

BEC-DH-HH/DS70D  
1.5 kg  
1 Stk.  
70 cm



## Rotary wrench 70 cm with breakaway aid

Rotary wrench 70 cm with breakaway aids for various snap locks

BEC-DH-HH/DS70S  
1.8 kg  
1 Stk.  
70 cm



# Shaft accessories

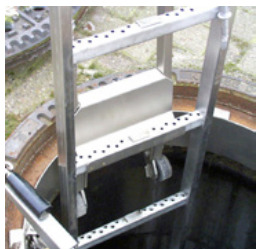


## Anti clatter insert

Anti-rattle pad - cushioning pad made of self-curing paste.

Bag content: approx. 440 g  
Packaging unit: Carton with 10 bags

BEC-HW-MEH/23-001  
60 kg  
1 Stk.



## Suspended ladder basic element (1.22 m)

Suspended ladder basic element (1.22 m)

BEC-HW-MEH/23-010  
1 Stk.



## Suspended ladder, 2 rungs (0.56 m)

Suspended ladder, 2 rungs (0.56 m)

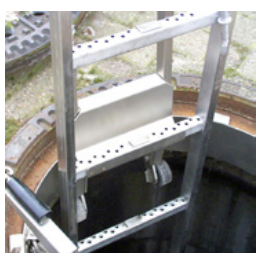
BEC-HW-MEH/23-010.2  
1 Stk.



## Suspended ladder, 2 rungs (0.56 m)

Suspended ladder, 2 rungs (0.56 m)

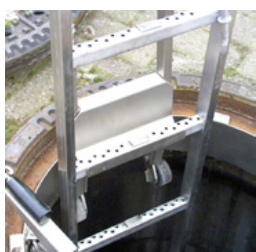
BEC-HW-MEH/23-010.4  
1 Stk.



## Suspended ladder, 2 rungs (0.56 m)

Suspended ladder, 2 rungs (0.56 m)

BEC-HW-MEH/23-010.5  
1 Stk.



## Suspended ladder, 6 rungs (1.67 m)

Suspended ladder, 6 rungs (1.67 m)

BEC-HW-MEH/23-010.6  
1 Stk.



## Universal safety shaft cover

with displacement lock - for shafts made of steel, galvanized

- closed
- outer diameter: approx. 65,5 cm
- loadable up to maximum: 100 kg
- weight: approx. 8 kg

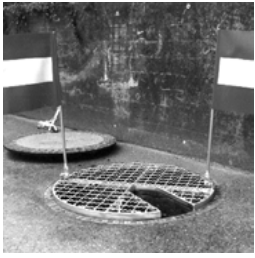
BEC-RO/01

1 Stk.





# Shaft accessories



## Safety shaft cover grid 12 cm cutout

with displacement lock

- outer diameter: approx. 65.5 cm
- loadable up to a maximum of: 100 kg
- weight: approx. 8 kg
- execution: steel, galvanized

BEC-RO/02

1 Stk.



## Safety shaft cover guide pulley

With displacement lock.

- Outer diameter approx. 65.5 cm
- Loadable up to a maximum of: 100 kg
- weight: approx. 10 kg
- Execution: steel, galvanized

BEC-RO/03

1 Stk.



# Odor filter



## Refill-Bag Smell filter for channel shafts for GF-AK/600 STD

BECK® odor filter refill bag for manholes LW 600 mm.  
Reduces, prevents annoying odor from your manholes.

BEC-GF-AK/600-ANF

5 Stk.

Easy to replace (depending on degree of load) after approx. 2 - 3 years of operation.



## BIO-Smell filter for channel shafts LW 600 mm

BECK®-BIO odor filter for duct shafts LW 600 mm

BEC-GF-AK/600-BIO

**Diameter:** 600 - 630 mm  
Reduces, prevents annoying odor from your manholes.

1 Stk.



## Smell filter for channel shafts LW 600 mm

BECK® odor filter for duct shafts LW 600 mm

BEC-GF-AK/600-STD

**Diameter:** 600 - 630 mm  
Reduces, prevents annoying odor from your manholes.

1 Stk.



## Smell filter for channel shafts Viatop LW 600 mm

BECK® odor filter for Viatop duct shafts LW 600 mm

BEC-GF-AK/600-VIA

**Diameter:** 600 - 630 mm  
Reduces, prevents annoying odor from your manholes.

1 Stk.



## Refill-Bag Bio-Smell filter for channel shafts for GF-BIO/600

BECK®-BIO odor filter refill material for GF-BIO/600.  
Reduces, prevents annoying odor from your manholes.

BEC-GF-BIO/600-BNF

5 Stk.

Change (depending on degree of load) after approx. 4 - 6 years of operation.



# Grouting and masonry mortar



## EBRALIT Super-Fix shaft grout mortar

The optimal building material for manhole bases. Optimal processing conditions due to always freshly produced goods.

EBRALIT is a highly flowable, shrink-free, fast-setting and heavy-duty grouting mortar that is used to completely fill joints under manhole frames.

BEC-EBRALIT  
25 kg  
25 kg



## EBRAPLAST Special shaft masonry mortar

EBRAPLAST - special shaft masonry mortar for sewer construction. ready-to-use dry mix, grain size 0 - 2 with short working time

- non-shrink, frost, de-icing salt and sulfate resistant, according to ÖNorm
- impermeable to water
- highly loadable in shortest time

BEC-EBRAPLAST  
25 kg  
25 kg



## STRAMAT repair mortar in 8 kg container

STRAMAT repair mortar is a durable, abrasion-resistant and weatherproof coating to smoothly adjust obstacles such as manhole covers, landings, etc. to the existing substrate. Road manholes and smaller potholes can be filled with our repair mortar.

OKA-116.7016.001\_8  
8 kg  
8 kg



## STRAMAT Repair Mortar UF 7 kg without fillers

STRAMAT repair mortar is a durable, abrasion-resistant and weatherproof coating to smoothly adapt obstacles such as manhole covers, landings, etc. to the existing substrate.

The pure resin material to mix yourself with dry sand!

OKA-116.7016.002  
7 kg  
7 kg



## Joint tapes



### Adhesive joint tapes JET-E 40 x 10 mm

Self-adhesive waterstops for sealing joints in asphaltting works.

**Size:** 40 x 10 mm

**Length:** 10 meters

Other dimensions are also available.

BIT-JET-E 40x10

5 Stk.

10.000 x 10 x 40 mm





# Construction site protection



Barrier fences / barrier fences



Folding signals



Cones



Warning lights



# Barrier fences / barrier fences



## Manhole protection grating according to TL, 1.00 m x 1.00 m, 2-piece

Manhole protection grating according to TL  
1,00 m x 1,00 m  
2-part

SHA-34600  
36.6 kg  
1 Stk.  
1.000 x 1.000 x 60 mm



## Manhole protection grating according to TL, 1.60 m x 1.60 m, 2-piece

Manhole protection grating according to TL  
1,60 m x 1,60 m  
2-part

SHA-34601  
56.33 kg  
1 Stk.  
1.600 x 1.000 x 60 mm



## Shaft protection grating according to TL, 2.00 m x 2.00 m, 2-part

Shaft protection grating according to TL  
2,00 m x 2,00 m  
2-part

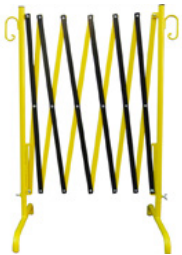
SHA-34602  
63 kg  
1 Stk.  
2.000 x 1.000 x 60 mm



## Barrier scissors, extendable up to 2.50 m, red / white

Barrier  
extendable up to 2,50 m  
red / white

SHA-35500  
12.5 kg  
1 Stk.  
1.000 x 740 x 400 mm



## Barrier scissors, extendable up to 2.50 m, yellow / black

Barrier  
extendable up to 2,50 m  
yellow / black

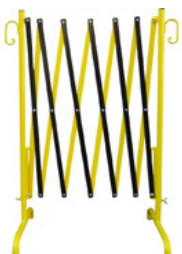
SHA-35500-I  
12.5 kg  
1 Stk.  
1.000 x 740 x 400 mm



## Barrier scissors, extendable up to 3.50 m, red / white

Barrier scissors  
extendable up to 3,50 m  
red / white

SHA-35510  
13.9 kg  
1 Stk.  
1.000 x 740 x 700 mm



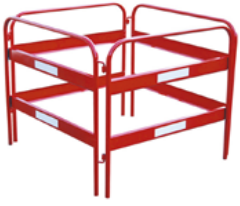
## Barrier scissors, extendable up to 3.50 m, yellow / black

Barrier scissors  
extendable up to 3,50 m  
yellow / black

SHA-35510-I  
13.9 kg  
1 Stk.  
1.000 x 740 x 700 mm



# Barrier fences / barrier fences



## Manhole protection grating, 1.00 m wide, 2-piece

Manhole protection grating  
1,00 m wide  
2-piece

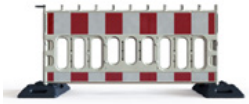
SHA-35600  
21.97 kg  
1 Stk.  
900 x 500 x 60 mm



## Manhole protection grating, 1.20 m wide, 2-piece

Manhole protection grating  
1,20 m wide  
2-piece

SHA-35620  
24.88 kg  
1 Stk.  
900 x 600 x 60 mm



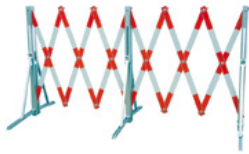
## Plastic barrier fence / construction fence PVC white / red

Plastic barrier fence/construction fence for fall protection.

**Length:** 2.000 mm  
**Height:** 1.100 mm  
**Width:** 50 mm

The foot plates are not included in the delivery.

TIO-BAR Type 4  
10 kg  
1 Stk.  
2.000 x 50 x 1.100 mm



## Road barrier

Aluminum road barrier covered with foil type 2.

- Closed 12 x 32 x 92 cm  
- Extension possible up to 5 meters  
- Weight 13,5 kg

TRI-322.194  
13.5 kg  
1 Stk.  
12 x 32 x 92 cm



# Folding signals



**Triopan Standard (same on all three sides)**  
**Height: 70 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 70 cm

TRI-200-SO145392

All sides of the folding signal with the same imprint.

1 Stk.  
70 cm



**Triopan Standard (same on all three sides)**  
**Height: 60 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 60 cm

TRI-300.016

All sides of the folding signal with the same imprint.

1 Stk.  
60 cm



**Triopan Standard (same on all three sides)**  
**Height: 70 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 70 cm

TRI-300.017

All sides of the folding signal with the same imprint.

1 Stk.  
70 cm



**Triopan Standard (same on all three sides)**  
**Height: 90 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 90 cm

TRI-300.018

All sides of the folding signal with the same imprint.

1 Stk.  
90 cm



**Triopan Standard (same on all three sides)**  
**Height: 110 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 110 cm

TRI-300.019

All sides of the folding signal with the same imprint.

1 Stk.  
110 cm



**Triopan combination (sides printed differently)**  
**Height: 60 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 60 cm

TRI-300.036-60R1

All three sides can be printed with different symbols.

1 Stk.  
60 cm



**Triopan combination (sides printed differently)**  
**Height: 70 cm - R1 Reflective**

Finish: R1 - Reflective  
Height: 70 cm

TRI-300.037-60R1

All three sides can be printed with different symbols.

1 Stk.  
70 cm





# Folding signals



Triopan combination (sides printed differently)  
Height: 90 cm - R1 Reflective

Finish: R1 - Reflective  
Height: 90 cm

TRI-300.038-90R1

All three sides can be printed with different symbols.

1 Stk.  
90 cm



Triopan combination (sides printed differently)  
Height: 110 cm - R1 Reflective

Finish: R1 - Reflective  
Height: 110 cm

TRI-300.039-110R1

All three sides can be printed with different symbols.

1 Stk.  
110 cm



Triopan Standard (same on all three sides)  
Height: 90 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 90 cm

TRI-310.357

All sides of the folding signal with the same imprint.

1 Stk.  
90 cm



Triopan combination (sides printed differently)  
Height: 90 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 90 cm

TRI-310.359-90R2

All three sides can be printed with different symbols.

1 Stk.  
90 cm



Triopan Standard (same on all three sides)  
Height: 70 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 70 cm

TRI-323.760

All sides of the folding signal with the same imprint.

1 Stk.  
70 cm



Triopan combination (sides printed differently)  
Height: 70 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 70 cm

TRI-324.508-70R2

All three sides can be printed with different symbols.

1 Stk.  
70 cm



Triopan combination (sides printed differently)  
Height: 60 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 60 cm

TRI-324.600-60R2

All three sides can be printed with different symbols.

1 Stk.  
60 cm



# Folding signals



## Triopan Standard (same on all three sides) Height: 60 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 60 cm

TRI-325.511

All sides of the folding signal with the same imprint.

1 Stk.  
60 cm



## Triopan Standard (same on all three sides) Height: 110 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 110 cm

TRI-328.562

All sides of the folding signal with the same imprint.

1 Stk.  
110 cm



## Triopan combination (sides printed differently) Height: 110 cm - R2 Highly reflective

Finish: R2 - Highly reflective  
Height: 110 cm

TRI-328.563-110R2

All three sides can be printed with different symbols.

1 Stk.  
110 cm



## Triopan Standard 60 cm normal version

Finish: N - Non reflective  
Height: 60 cm

TRI-STA-300.011-60N

All sides of the folding signal with the same imprint.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
60 cm



## Triopan Standard 70 cm normal version

Finish: N - Non reflective  
Height: 70 cm

TRI-STA-300.012-70N

All sides of the folding signal with the same imprint.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
70 cm



## Triopan Standard 90 cm normal version

Finish: N - Non reflective  
Height: 90 cm

TRI-STA-300.013-90N

All sides of the folding signal with the same imprint.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
90 cm



## Triopan Standard 110 cm normal version

Finish: N - Non reflective  
Height: 110 cm

TRI-STA-300.014-110N

All sides of the folding signal with the same imprint.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
110 cm



# Folding signals



## Triopan combi 60 cm normal version

**Finish:** N - Non reflective  
**Height:** 60 cm

TRI-STA-300.031-60N

All three sides can be printed with different symbols.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
60 cm



## Triopan combi 70 cm normal version

**Finish:** N - Non reflective  
**Height:** 70 cm

TRI-STA-300.032-70N

All three sides can be printed with different symbols.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
70 cm



## Triopan combi 90 cm normal version

**Finish:** N - Non reflective  
**Height:** 90 cm

TRI-STA-300.033-90N

All three sides can be printed with different symbols.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
90 cm



## Triopan combi 110 cm normal version

**Finish:** N - Non reflective  
**Height:** 110 cm

TRI-STA-300.034-110N

All three sides can be printed with different symbols.  
Version for daytime use with red fluorescent warning triangle. Range of use up to -35 degrees Celsius.

1 Stk.  
110 cm



# Cones



## traffic cone daylight - height: 200 mm

Traffic cone daylight, red / white, height: 200 mm

SHA-3L200  
0.2 kg  
1 Stk.  
200 x 160 x 160 mm



## Guiding cone daylight - height: 320 mm

Traffic cone daylight, red / white, height: 320 mm

SHA-3L320  
0.5 kg  
1 Stk.  
320 x 227 x 227 mm



## traffic cone daylight - height: 500 mm

Traffic cone daylight, red / white, height: 500 mm

SHA-3L500  
1.2 kg  
1 Stk.  
500 x 300 x 300 mm



## traffic cone daylight - height: 500 mm

Traffic cone daylight, red / white reflective, height: 500 mm

SHA-3L500RS2  
1.3 kg  
1 Stk.  
500 x 300 x 300 mm



## Guide cone one-piece according to TL - height: 500 mm

Guide cone one-piece according to TL, foil type 1, height: 500 mm

SHA-3L500TL  
2.5 kg  
1 Stk.  
500 x 300 x 300 mm



## One-piece traffic cone according to TL - height: 500 mm - with 2 fully reflective strips of foil type RA2/B

Guiding cone BAST tested according to TL - one-piece  
made of strong PVC material  
good stability, stackable  
with 2 fully reflective strips of foil type RA2/B  
Color: red / white

SHA-3L500TL2  
2.5 kg  
1 Stk.  
500 x 300 x 300 mm



## Guide cone two-piece good stability, stackable, base plate made of recycled material, height: 500 mm, color foil rings: white

Height: 500 mm, color foil rings: white

SHA-3L530RS2  
5.24 kg  
1 Stk.  
500 x 300 x 300 mm



# Cones



## Guiding cone in two parts according to TL with reflective foil jacket - height 500 mm - foil type 1

Guiding cone in two parts according to TL with reflective foil jacket, height: 500 mm, foil type 1

SHA-3L530TL  
2.7 kg  
1 Stk.  
500 x 300 x 300 mm



## Guiding cone in two parts according to TL with reflective foil jacket - height 500 mm

Guiding cone in two parts according to TL with reflective foil jacket, height: 500 mm, foil type 2

SHA-3L530TL2  
2.7 kg  
1 Stk.  
500 x 300 x 300 mm



## Guide cone two-piece good stability, stackable, base plate made of recycled material, height: 750 mm, color foil rings: white

Height: 750 mm, color foil rings: white

SHA-3L730RS2  
5.11 kg  
1 Stk.  
750 x 400 x 400 mm



## Guiding cone two-part according to TL with reflective foil jacket - height 750 mm - foil type 1

Guiding cone two-part according to TL with reflective foil jacket, height: 750 mm, foil type 1

SHA-3L730TL  
5.31 kg  
1 Stk.  
750 x 400 x 400 mm



## Guiding cone in two parts according to TL with reflective foil jacket - height 750 mm

Guiding cone in two parts according to TL with reflective foil jacket, height: 750 mm, foil type 2

SHA-3L730TL2  
5.31 kg  
1 Stk.  
750 x 400 x 400 mm



## traffic cone daylight - height: 750 mm

Traffic cone daylight, red / white, height: 750 mm

SHA-3L750  
3.2 kg  
1 Stk.  
750 x 400 x 400 mm



## traffic cone daylight - height: 750 mm

Traffic cone daylight, red / white reflective, height: 750 mm

SHA-3L750RS2  
3.3 kg  
1 Stk.  
750 x 400 x 400 mm



# Cones



## Guide cone one-piece according to TL - height: 750 mm

Guide cone one-piece according to TL, foil type 1, height: 750 mm

SHA-3L750TL  
5 kg  
1 Stk.  
750 x 400 x 400 mm



## Guide cone one-piece according to TL - height: 750 mm

Guide cone one-piece according to TL, foil type 2, height: 750 mm

SHA-3L750TL2  
5 kg  
1 Stk.  
750 x 400 x 400 mm



## Traffic cone 320 mm

PVC, 320 mm, 0,64 kg  
retroreflective foil  
class RA 2

TEM-12303-320 ZR  
0.84 kg  
1 Stk.



## Traffic cone 500 mm

PVC, 500 mm, 1,30 kg  
retroreflective foil  
class RA 2

TEM-12306-500 ZR  
1.3 kg  
1 Stk.



## Traffic cone 750 mm

PVC, 750 mm, 3,20 kg  
retroreflective foil  
class RA 2

TEM-12309-750 ZR  
3.2 kg  
1 Stk.



# Warning lights



## Construction site warning light - orange optics

Construction site warning light  
Yellow optics

SHA-31211G  
6 kg  
1 Stk.  
5.000 x 47 x 47 mm



## Construction site warning light - red optics

Construction site warning light  
Red optics

SHA-31211R  
1.1 kg  
1 Stk.  
350 x 180 x 80 mm



## TL beacon light PowerNox, BAST tested, light emission one-sided, yellow

TL beacon light PowerNox  
BAST tested  
light emission one-sided  
yellow optics

SHA-33NOXG1  
0.9 kg  
1 Stk.  
290 x 260 x 80 mm



## TL beacon light PowerNox, BAST tested, light emission double-sided, yellow

TL beacon light PowerNox  
BAST tested  
light emission double-sided  
yellow optics

SHA-33NOXG2  
0.9 kg  
1 Stk.  
290 x 260 x 80 mm



## TL beacon light PowerNox, BAST tested, light emission one-sided, red

TL beacon light PowerNox  
BAST tested  
light emission one-sided  
red optics

SHA-33NOXR1  
0.9 kg  
1 Stk.  
290 x 260 x 80 mm



## TL beacon light PowerNox, BAST tested, light emission double-sided, red

TL beacon light PowerNox  
BAST tested  
light emission double-sided  
red optics

SHA-33NOXR2  
0.9 kg  
1 Stk.  
290 x 260 x 80 mm



## Triopan Helios Master yellow 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color yellow, flash rate 60 flashes/min.

TRI-777.784

# Warning lights



## Triopan Helios Master green 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color green, flash rate 60 flashes/min.

TRI-777.791



## Triopan Helios Master red 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color red, flash rate 60 flashes/min.

TRI-777.793



## Triopan Helios Master blue 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color yellow, flash rate 60 flashes/min.

TRI-777.795



## Triopan Helios Master red/white 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color red, flash rate 60 flashes/min.

TRI-777.797



## Triopan Helios Master white 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color yellow, flash rate 60 flashes/min.

TRI-777.799



## Triopan Helios Master RF yellow 2-seitig, so outside switch

**Functions:-** Single, double and triple flash  
- Backlight  
- Build-up light, running light, flash storm/random generator

Light intensity 350 cd, light color yellow, flash rate 60 flash/min.

TRI-777.801



## Triopan Helios Master yellow/red 2-sided

**Functions:** Single, double and triple flash  
Double battery housing (without holder), large bracket, super LED with extremely high energy efficiency and service life, no bulb replacement  
Light intensity 270 cd, light color yellow/red, flash rate 60 flashes/min.

TRI-777.805



# Warning lights



## Triopan Fireball yellow

**Functions:** Single flash  
**Technical data:** Luminous intensity 280 cd,  
**Light color:** Yellow  
**Flash rate:** 60 blinks/min.  
**Operating time with battery equipment at 20 degrees and 6 AA batteries:**  
Single flash approx. 45 hours

TRI-777.900



## Triopan Fireball red

**Functions:** Single flash  
**Technical data:** Luminous intensity 280 cd,  
**Light color:** Red  
**Flash rate:** 60 blinks/min.  
**Operating time with battery equipment at 20 degrees and 6 AA batteries:**  
Single flash approx. 45 hours

TRI-777.901



## Triopan Fireball green

**Functions:** Single flash  
**Technical data:** Luminous intensity 280 cd,  
**Light color:** Green  
**Flash rate:** 60 blinks/min.  
**Operating time with battery equipment at 20 degrees and 6 AA batteries:**  
Single flash approx. 45 hours

TRI-777.902



## Triopan Fireball blue

**Functions:** Single flash  
**Technical data:** Luminous intensity 280 cd,  
**Light color:** Blue  
**Flash rate:** 60 blinks/min.  
**Operating time with battery equipment at 20 degrees and 6 AA batteries:**  
Single flash approx. 45 hours

TRI-777.903



# Compressed air tools

## 23 B Chisel hammer



The Von Arx chisel hammer 23 B is ideal for removing carpet, chipping off old plaster, bush hammering natural stone, chiseling out joints and pointed work on masonry. There is the right Von Arx chisel hammer with various chisel attachments for every job.

ARX - 700314

1 Stk.

## 34 B Chisel hammer



The Von Arx chisel hammer 34 B is ideal for removing carpet, chipping off old plaster, bush hammering natural stone, chiseling out joints and pointed work on masonry. There is the right Von Arx chisel hammer with various chisel attachments for every job.

ARX - 700366

1 Stk.

## 45 B Chisel hammer



The Von Arx chisel hammer 45 B is ideal for removing carpet, chipping off old plaster, bush hammering natural stone, chiseling out joints and pointed work on masonry. There is the right Von Arx chisel hammer with various chisel attachments for every job.

ARX - 700411

1 Stk.

## 23 BG Chisel hammer



The Von Arx chisel hammer 23 BG is ideal for removing carpet, chipping off old plaster, bush hammering natural stone, chiseling out joints and pointed work on masonry. There is the right Von Arx chisel hammer with various chisel attachments for every job.

ARX - 700441

1 Stk.

## Scrap Air 24 V1 short pneumatic hammer



The Scrap Air S24 V1 pneumatic hammer has an anti-vibration system in the head of the tool. Built with a straight handle - optimized for confined working conditions. The ideal tool for woodworking, plaster removal or industrial cleaning.

MAB\_07030114

3.1 kg

1 Stk.

49 cm

## Scrap Air 24 V2 short pneumatic hammer



The Scrap Air S24 V2 pneumatic hammer has an anti-vibration system in the head and handle of the tool. Built with a pistol grip - optimized for confined working conditions. The V2 provides additional protection for the user with a second anti-vibration system.

MAB\_07030500

3.8 kg

1 Stk.

53 cm

## Scrap Air 36 V1 short pneumatic hammer



The Scrap Air S36 V1 pneumatic hammer short has an anti-vibration system in the head of the tool. Built with a straight handle - optimized for confined working conditions. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work.

MAB\_7060015

3.4 kg

1 Stk.

50 cm





# Compressed air tools

## Scrap Air 36 V1 medium-length pneumatic hammer



The Scrap Air S36 V1 medium-length pneumatic hammer has an anti-vibration system in the head of the tool. Built with a straight handle. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work.

MAB\_7060016  
4 kg  
1 Stk.  
88 cm

## Scrap Air 38 V1 short pneumatic hammer



The Scrap Air S38 V1 pneumatic hammer short has an anti-vibration system in the head of the tool. Built with a straight handle - optimized for confined working conditions. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work.

MAB\_7060507  
3.6 kg  
1 Stk.  
52 cm

## Scrap Air 38 V1 medium-length pneumatic hammer



The Scrap Air S38 V1 medium-length pneumatic hammer has an anti-vibration system in the head of the tool. Built with a straight handle. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work.

MAB\_7060508  
4.2 kg  
1 Stk.  
90 cm

## Scrap Air 55 V1 long pneumatic hammer



The Scrap Air S55 V1 medium-length pneumatic hammer has an anti-vibration system in the head of the tool. Built with a straight handle. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work. Also ideal for working on asphalt surfaces or demolition work.

MAB\_7070012  
6.2 kg  
1 Stk.  
115 cm

## Scrap Air 36 V2 short pneumatic hammer



The Scrap Air S36 V2 pneumatic hammer short has an anti-vibration system in the head and handle of the tool. Built with a pistol grip - optimized for confined working conditions. The V2 provides additional protection for the user with a second anti-vibration system located in the pistol grip. Up to 60 % reduction of vibrations in the user's hands and arms.

MAB\_7070510  
4 kg  
1 Stk.  
51 cm

## Scrap Air 38 V2 short pneumatic hammer



The Scrap Air S38 V2 pneumatic hammer short has an anti-vibration system in the head and handle of the tool. Built with a pistol grip - optimized for confined working conditions. The ideal tool for woodworking, plaster removal, industrial cleaning or light demolition work.

MAB\_7070520  
4.5 kg  
1 Stk.  
53 cm

## Scrap Air 55 V2 T-handle



The Scrap Air S55 V2 pneumatic hammer with T-handle has an anti-vibration system in the head and handle of the tool. Built with a pistol grip. The V2 provides additional protection for the user with a second anti-vibration system located in the pistol grip. Up to 60% reduction of vibrations in the user's hands and arms.

MAB\_7070550  
6.8 kg  
1 Stk.  
89 cm



# Compressed air tools

## Scrap Air 36 V2 medium-length pneumatic hammer



The Scrap Air S36 V2 medium-length pneumatic hammer has an anti-vibration system in the head and handle of the tool. Built with a pistol grip. The V2 provides additional protection for the user with a second anti-vibration system located in the pistol grip. Up to 60% reduction of vibrations in the user's hands and arms.

MAB\_7070600  
4.3 kg  
1 Stk.  
83 cm

## Scrap Air 38 V2 medium-length pneumatic hammer



The Scrap Air S38 V2 medium-length pneumatic hammer has an anti-vibration system in the head and handle of the tool. Built with a pistol grip. The V2 provides additional protection for the user with a second anti-vibration system located in the pistol grip. Up to 60% reduction of vibrations in the user's hands and arms.

MAB\_7070610  
5.3 kg  
1 Stk.  
85 cm

## Scrap Air 55 V2 long pneumatic hammer



The Scrap Air S55 V2 long pneumatic hammer has an anti-vibration system in the head and handle of the tool. Built with a pistol grip. The V2 provides additional protection for the user with a second anti-vibration system located in the pistol grip. Up to 60% reduction of vibrations in the user's hands and arms.

MAB\_7070720  
6.8 kg  
1 Stk.  
123 cm



# Workshop and warehouse



## Cleaning station Clean Tower Flexi red

The CleanTower Flexi is ideal for all areas where different cleaning accessories are required.  
Includes broom, dustpan and hand brush,  
5 holes in the base plate for floor fixings or castors.

MYL-10001043  
25 kg  
1 Stk.  
40 x 190 cm



## Cleaning station Clean Tower Flexi black

The CleanTower Flexi is ideal for all areas where different cleaning accessories are required.  
Includes broom, dustpan and hand brush,  
5 holes in the base plate for floor fixings or castors.

MYL-10001044  
25 kg  
1 Stk.  
40 x 190 cm



## Cleaning station Clean Tower Flexi silver

The CleanTower Flexi is ideal for all areas where different cleaning accessories are required.  
Includes broom, dustpan and hand brush,  
5 holes in the base plate for floor fixings or castors.

MYL-10001045  
25 kg  
1 Stk.  
40 x 190 cm



## Cleaning station Clean Tower Flexi yellow

The CleanTower Flexi is ideal for all areas where different cleaning accessories are required.  
Includes broom, dustpan and hand brush,  
5 holes in the base plate for floor fixings or castors.

MYL-10001046  
25 kg  
1 Stk.  
40 x 190 cm



## Additional information



### Additional information

Any prices quoted are valid for 2 months from the date of issue.  
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