



ALTOMO

Алтомо ЕООД | Altomo EOOD
Божурище 2227, ул. Гурмазовско шосе №39
39 Gurmazovsko Shose Str, 2227 Bozhurishte, Bulgaria

+359 879 25 35 15 / +359 879 25 35 36

sales@altomo.bg

www.altomo.bg



FORKLIFT TRUCK ATTACHMENTS

ENVIRONMENT / STORAGE

HAZARDOUS MATERIALS CONTAINERS

RECYCLING BANKS



FORKLIFT TRUCK ATTACHMENTS 8.2



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EMPTYING MECHANISMS - TILTING CONTAINERS



These Tilting Containers roll gently forward to discharge, are easy on the forklift and the skip body automatically rolls back into the loading position. An optimised load centre facilitates maximum utilisation of the forklift load capacity. The release lever activated by a pull cable is operated from the driver's seat so containers can also be emptied at height.

Roll forward mechanism - manually activated



As well as a rolling mechanism these Tilting Containers also have an automatic release feature, activated when contact is made with the receiving skip - the container can either be set down on the rim of the skip or driven against the side wall. No pull cable is required.

Roll forward mechanism - automatically activated



These Tilting Containers have a low overall height but are high capacity units thanks to the compact design. An ideal dumping angle ensures the load is always fully discharged. One pull on the cable and the container is emptied in the blink of an eye! However, if a more gentle method is preferred, the container can be set down on the edge of the skip before operating the pull cable. The load is discharged by slowly raising the mast.

Dumping mechanism



These containers are an economical alternative as they do not have a built-in emptying mechanism. Any number of containers - providing they are the same width - can be picked up by one and the same traverse. Containers without pins must be discharged using a forklift rotator.

Containers emptied using a traverse or forklift rotator



Containers emptied via a trap door are compact in design but also high capacity. An optimised load centre means maximum utilisation of the forklift load capacity. A pull cable operates the base which opens wide; thanks to the large aperture the load is fully discharged every time - even bulky materials.

Bottom emptying - trap door



Tipping Skips and Barrow Tippers are a good choice in confined spaces or when no forklift truck is available. However, there are some limitations: this type of construction is only suitable for light-weight materials as the load is discharged manually at ground level.

Manual operation

TILTING CONTAINER TYPE EXPO®



Compact, roll forward mechanism

- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

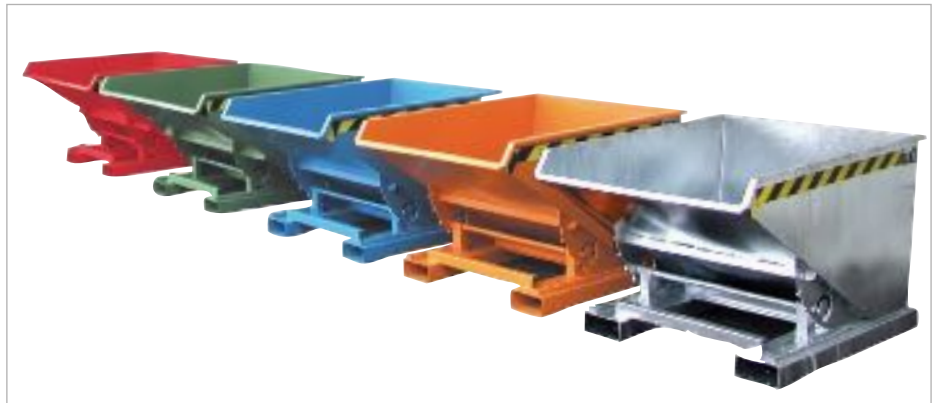
Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- EXPO 150: castors Ø 100 mm
– construction height 125 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- trailer coupling and towing bar

- Note
other sizes available (please refer to page 10
Mini Tilting Containers)



EXPO with castors



EXPO with lid



EXPO with lid



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| EXPO 150 | 0,15 | 960 x 640 x 540 | 750 | 70 / 76 |
| EXPO 300 | 0,30 | 1260 x 770 x 835 | 750 | 112 / 121 |
| EXPO 600 | 0,60 | 1260 x 1070 x 835 | 1000 | 131 / 141 |
| EXPO 900 | 0,90 | 1260 x 1570 x 835 | 1000 | 165 / 178 |
| EXPO 1200 | 1,20 | 1720 x 1070 x 1095 | 1500 | 200 / 215 |
| EXPO 1700 | 1,70 | 1720 x 1570 x 1095 | 1500 | 240 / 258 |
| EXPO 2100 | 2,10 | 1720 x 1870 x 1095 | 1500 | 265 / 285 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| EXPO 150 | 170 | 200 | 80 |
| EXPO 300 | 300 | 200 | 80 |
| EXPO 600-2100 | 600 | 200 | 80 |

| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|----------|----------|----------|----------|----------|--------------------|
|---------|----------|----------|----------|----------|----------|--------------------|

TILTING CONTAINER TYPE AK



Tilting Container, roll forward mechanism

- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- suitable for pallet trucks
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- mesh extender frame to increase the volume
- trailer coupling and towing bar



AK with castors



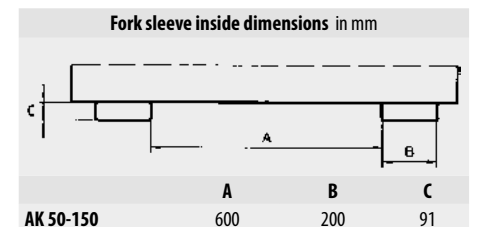
AK with lid



AK with mesh extender frame



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| AK 50 | 0,50 | 1420 x 1008 x 1070 | 1000 | 169 / 182 |
| AK 75 | 0,75 | 1420 x 1190 x 1070 | 1000 | 187 / 202 |
| AK 100 | 1,00 | 1420 x 1560 x 1070 | 1000 | 218 / 235 |
| AK 150 | 1,50 | 1420 x 2280 x 1070 | 1000 | 262 / 282 |



Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

AUTOMATIC TILTING CONTAINER TYPE 4A



Automatically activated roll forward mechanism

- 3 automatic release points mean the content can be emptied at 3 different positions over the container
- automatic locking feature to prevent the container from slipping forward
- safety feature to prevent unintentional emptying
- optimised load centre
- body with all-round reinforced edging
- sturdy frame with fork sleeves

Accessories

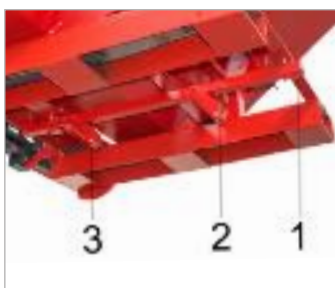
- galvanized lid, can be opened from both sides
- welding, oil and watertight



... drive the forks in



... automatic locking feature



... 3 automatic release points



Emptied by activating release point 1



Emptied by activating release point 2



Emptied by activating release point 3

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| 4A 600 | 0,60 | 1485 x 1095 x 865 | 1000 | 161 / 174 |
| 4A 900 | 0,90 | 1485 x 1570 x 865 | 1000 | 204 / 220 |
| 4A 1200 | 1,20 | 1920 x 1095 x 1125 | 1500 | 232 / 250 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| c | A | | |
| | B | | C |
| 4A 600-1200 | 640 | 200 | 91 |

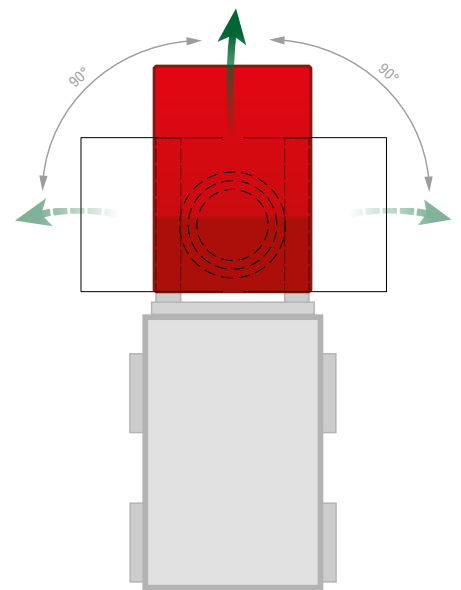
| | | | | | | |
|---------|----------|----------|----------|----------|----------|--------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|----------|----------|----------|----------|----------|--------------------|

TILTING CONTAINER TYPE 3S



A Tilting Container that can be emptied in three directions

- easy to set in the emptying direction required - forwards, to the left or to the right
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later



3S, ready to empty forwards



3S, ready to empty to the right



3S, ready to empty to the left

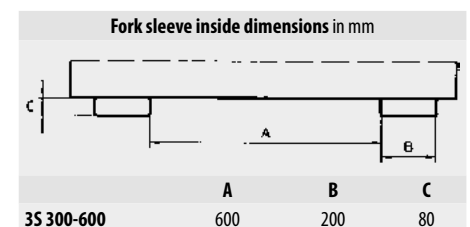


S3S with castors

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- galvanized lid, can be opened from both sides

| | Volume (approx.) in m ³ | External dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------------|---------------------------------------|--|------------------------|---------------------------------|
| 3S 300 | 0,30 | 1460 x 1010 x 890 | 750 | 195 / 210 |
| 3S 600 | 0,60 | 1460 x 1070 x 890 | 1000 | 228 / 245 |



Finish:

RAL 2000

RAL 3000

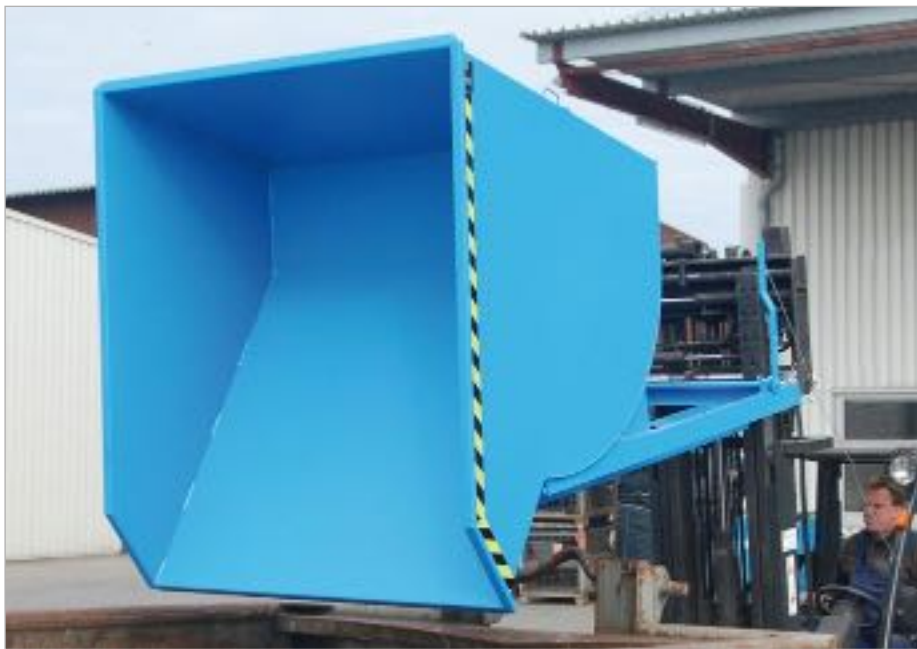
RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TILTING CONTAINER TYPE BKM



A well proven tilting container with rolling mechanism

- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- pick-up for a crane
- pick-up for a trolley jack
- trailer coupling and towing bar

Individual construction on request e.g.

- stainless steel
- other sizes



BKM with castors



BKM with lid



BKM with castors, trailer coupling and towing bar

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| BKM 30 | 0,30 | 1160 x 820 x 825 | 1500 | 115 / 125 |
| BKM 50 | 0,50 | 1550 x 820 x 1045 | 2500 | 168 / 181 |
| BKM 75 | 0,75 | 1760 x 820 x 1270 | 3000 | 224 / 241 |
| BKM 100 | 1,00 | 1760 x 1060 x 1270 | 3000 | 248 / 267 |
| BKM 150 | 1,50 | 1760 x 1560 x 1270 | 3000 | 365 / 393 |
| BKM 200 | 2,00 | 1810 x 1560 x 1480 | 3000 | 387 / 417 |

Fork sleeve (hoops) inside dimensions in mm



| | A | B | C |
|--------------------|-----|-----|----|
| BKM 30-75 | 225 | 200 | 80 |
| BKM 100 | 410 | 200 | 80 |
| BKM 150-200 | 600 | 200 | 80 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

HEAVY DUTY TIPPER TYPE SK



Heavy duty tipper with automatic release

- sturdy steel construction with reinforced edging
- material strength: body wall 5 mm and fork sleeves 6 mm especially for heavy materials
- full-length fork sleeves, closed construction make the unit very sturdy
- optimised load centre
- rolling mechanism
- emptying:
 - ① automatic release function activated when the release foot is set down on the container rim or



① automatic release

② manual release



② manual release using the pull cable

- can be secured to prevent slipping and unintentional emptying
- suitable for pallet trucks
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors, one swivel castor with brake – remember to check the load capacity!



SK with castors

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| SK 300 | 0,30 | 1310 x 805 x 970 | 4000 | 244 / 263 |
| SK 600 | 0,60 | 1310 x 1105 x 970 | 4000 | 283 / 304 |
| SK 900 | 0,90 | 1310 x 1580 x 970 | 4000 | 328 / 353 |
| SK 1200 | 1,20 | 1755 x 1105 x 1230 | 4000 | 372 / 400 |
| SK 1700 | 1,70 | 1755 x 1580 x 1230 | 4000 | 431 / 464 |
| SK 2100 | 2,10 | 1755 x 1880 x 1230 | 4000 | 466 / 501 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|-------------|-----|-----|----|
| SK 300 | 300 | 200 | 80 |
| SK 600-2100 | 600 | 200 | 80 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TILTING CONTAINER TYPE BK



The original! Roll forward mechanism

- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later (up to BK 120)

Opties

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel with brake
– construction height 225 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- pick-up for a crane

Individual construction on request e.g.

- stainless steel



BK with castors



BK with lid



BK with pick-up for a crane

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| BK 30 | 0,30 | 1150 x 850 x 945 | 750 | 163 / 179 |
| BK 50 | 0,50 | 1430 x 850 x 1070 | 1000 | 217 / 238 |
| BK 80 | 0,80 | 1430 x 1150 x 1070 | 1500 | 245 / 269 |
| BK 100 | 1,00 | 1430 x 1400 x 1070 | 2000 | 261 / 287 |
| BK 120 | 1,20 | 1430 x 1650 x 1070 | 2000 | 279 / 307 |
| BK 150 | 1,50 | 1430 x 1950 x 1070 | 2000 | 322 / 354 |
| BK 200 | 2,00 | 1670 x 2150 x 1175 | 2000 | 391 / 430 |

| | Fork sleeve (hoops) inside dimensions in mm | | |
|------------------|---|-----|----|
| | A | B | C |
| BK 30-50 | 420 | 200 | 80 |
| BK 80-200 | 600 | 200 | 80 |

Other dimensions possible

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

MINI TILTING CONTAINER TYPE EXPO®



EXPO 275

Tilting Container with low structural height and rolling mechanism

- height dumping edge 455 mm
- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later



EXPO 150



EXPO 225 with castors

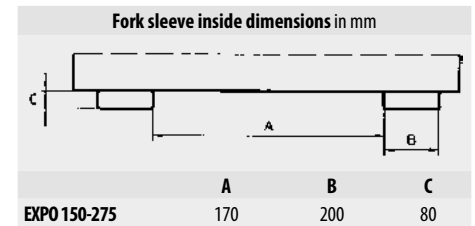


EXPO 225 with lid

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 100 mm, one swivel castor with brake
– construction height 125 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- Note:
other sizes available (please refer to page 3, EXPO)

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|----------|---------------------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| EXPO 150 | 0,150 | 960 x 640x 540 | 455 | 750 | 70 / 76 |
| EXPO 225 | 0,225 | 960 x 925 x 540 | 455 | 750 | 82 / 89 |
| EXPO 275 | 0,275 | 960 x 1210 x 540 | 455 | 750 | 90 / 97 |



MINI SWARF CONTAINER TYPE EXPO®-E



EXPO-E with castors

Swarf Container, low construction height and with rolling mechanism

- perforated sieve and 1" drain-cock designed to separate liquids from solids and drain them
- welding, oil- and watertight
- height dumping edge 455 mm
- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying



1" drain-cock



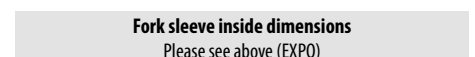
Perforated corner sieve



| | Volume appr. in m ³ | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|------------|-----------------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| EXPO-E 150 | 0,150 | 960 x 640 x 540 | 455 | 750 | 72 / 78 |
| EXPO-E 225 | 0,225 | 960 x 925 x 540 | 455 | 750 | 84 / 91 |
| EXPO-E 275 | 0,275 | 960 x 1210 x 540 | 455 | 750 | 92 / 99 |

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 100 mm, one swivel castor with brake
– construction height 125 mm
- galvanized lid, can be opened from both sides



Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

MINI TILTING CONTAINER TYPE MGU



Extremely low construction height. Ideal for use under a machine.

- height dumping edge 350 mm
- ideal angle for emptying
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake
– construction height 125 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- Note:
other sizes available (please refer to pages 13 and 32, GU and SGU)



MGU with castors



MGU with lid

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| MGU 230 | 0,23 | 1385 x 680 x 450 | 350 | 750 | 84 / 90 |
| MGU 270 | 0,27 | 1385 x 780 x 450 | 350 | 1000 | 96 / 103 |
| MGU 460 | 0,46 | 1385 x 1280 x 450 | 350 | 1000 | 120 / 129 |
| MGU 610 | 0,61 | 1385 x 1680 x 450 | 350 | 1000 | 138 / 148 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| MGU 230 | 10 | 200 | 60 |
| MGU 270 | 150 | 200 | 60 |
| MGU 460-610 | 495 | 200 | 60 |

MINI SWARF CONTAINER TYPE SMGU



1" drain-cock



Perforated corner sieve



SMGU with castors

Extremely low construction height. Ideal for use under cutting machines that create swarf.

- perforated sieve and 1" drain-cock designed to separate liquids from solids and drain them
- welding, oil- and watertight
- height dumping edge 350 mm
- ideal angle for emptying
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake
– construction height 125 mm
- galvanized lid, can be opened from both sides

| | Volume approx in m ³ | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------|------------------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| SMGU 230 | 0,23 | 1385 x 680 x 450 | 350 | 750 | 85 / 91 |
| SMGU 270 | 0,27 | 1385 x 780 x 450 | 350 | 1000 | 97 / 104 |
| SMGU 460 | 0,46 | 1385 x 1280 x 450 | 350 | 1000 | 121 / 130 |
| SMGU 610 | 0,61 | 1385 x 1680 x 450 | 350 | 1000 | 139 / 149 |

| Fork sleeve inside dimensions | |
|-------------------------------|--|
| Please see above (MGU) | |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

TILTING CONTAINER TYPE VD / VG



VD

A tilting container with a new innovative lever release mechanism

- sturdy frame with fork sleeves
- can be emptied at any height by cable operated from the driver's seat
- can be secured to prevent slipping and unintentional emptying

Types available

VD

- protected design
- low dumping edge
- profiles on both sides, running diagonally

VG

- profiles on both sides, running horizontally



VG

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- galvanized 2-part lid, can be opened from one side
- welding, oil- and watertight
- adjustable dumping brake



VG with lid



VD with castors

| | Volume | Dimensions | Load capacity | Weight |
|----------------|-----------------------------|-------------------|---------------|-----------------------|
| | (approx.) in m ³ | in mm (l x w x h) | in kg | in kg (painted/galv.) |
| VD 500 | 0,50 | 1375 x 800 x 730 | 750 | 117 / 126 |
| VD 650 | 0,65 | 1445 x 800 x 890 | 1000 | 125 / 134 |
| VD 800 | 0,80 | 1375 x 1200 x 730 | 1000 | 137 / 147 |
| VD 1000 | 1,00 | 1445 x 1200 x 890 | 1500 | 151 / 162 |
| VG 550 | 0,55 | 1370 x 800 x 730 | 750 | 125 / 134 |
| VG 700 | 0,70 | 1440 x 800 x 890 | 1000 | 133 / 143 |
| VG 900 | 0,90 | 1370 x 1200 x 730 | 1000 | 150 / 161 |
| VG 1100 | 1,10 | 1440 x 1200 x 890 | 1500 | 163 / 175 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|----------------------|-----|-----|----|
| VD 500 – 650 | 150 | 200 | 60 |
| VD 800 – 1000 | 495 | 200 | 60 |
| VG 550 – 700 | 150 | 200 | 60 |
| VG 900 – 1100 | 495 | 200 | 60 |

TILTING CONTAINER TYPE GU



The Original - low structural height

- ideal angle for emptying
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- galvanized lid, can be opened from both sides
- pick-up for a crane, lever trolley or pallet truck
- trailer coupling and towing bar
- welding, oil- and watertight
- adjustable dumping brake (GU 500-2000)

Individual construction on request e.g.

- stainless steel
- adjustable dumping brake
- pick-up for bale gripper
- extender frame attached by screws to increase the volume (retrofit assembly)
- Note:
other sizes available (please refer to page 11, Mini Tilting Containers)



GU with lid



GU with extender frame



GU with castors



GU with adjustable dumping brake



Trailer coupling and towing bar



Adjustable dumping brake

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| GU 300 | 0,30 | 1440 x 680 x 580 | 750 | 93 / 100 |
| GU 500 | 0,50 | 1440 x 780 x 680 | 1000 | 111 / 120 |
| GU 750 | 0,75 | 1440 x 1280 x 680 | 1000 | 139 / 150 |
| GU 1000 | 1,00 | 1640 x 1280 x 780 | 1500 | 184 / 202 |
| GU 1500 | 1,50 | 1640 x 1280 x 1090 | 1500 | 215 / 236 |
| GU 2000 | 2,00 | 1640 x 1680 x 1090 | 1500 | 244 / 268 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| GU 300 | 10 | 200 | 60 |
| GU 500 | 150 | 200 | 60 |
| GU 750-2000 | 495 | 200 | 60 |

Other dimensions possible

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

TILTING CONTAINER TYPE RD



RD with dumping brake



RD with castors



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| RD 750 | 0,75 | 1750 x 755 x 1220 | 1000 | 210 / 231 |
| RD 1000 | 1,00 | 1750 x 955 x 1220 | 1500 | 228 / 250 |

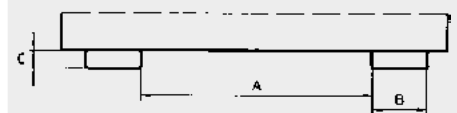
Tilting Container with arched lid

- spring-loaded, watertight, galvanized arched lid with 2 handles
- sturdy frame, body with all-round reinforced edging
- can be emptied at any height by cable operated from the driver's seat
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- welding, oil- and watertight
- adjustable dumping brake for type RD 1000
- trailer coupling and towing bar

Fork sleeve inside dimensions in mm



| | A | B | C |
|---------|-----|-----|----|
| RD 750 | 12 | 200 | 60 |
| RD 1000 | 200 | 200 | 60 |

TILTING CONTAINER TYPE DUO / TRIO



TRIO



DUO



TRIO

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|------|---------------------------------------|---------------------------------|------------------------|-------------------------|
| DUO | 2 x 0,9 | 1665 x 1610 x 1000 | 1500 | 258 |
| TRIO | 3 x 0,6 | 1665 x 1675 x 1000 | 1500 | 305 |

The economic way to collect recycling materials or waste

- sturdy frame with fork sleeves
- body with all-round reinforced edging
- each compartment can be individually emptied
- can be secured to prevent slipping and unintentional emptying

Types available

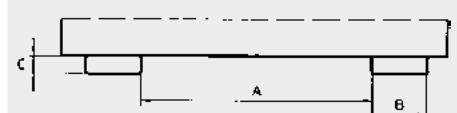
DUO container with 2 chambers à 0,9 m³

TRIO container with 3 chambers à 0,6 m³

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- galvanized lid, can be opened from one side
- lettering

Fork sleeve inside dimensions in mm



| | A | B | C |
|----------|-----|-----|----|
| DUO/TRIO | 600 | 200 | 60 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TILTING CONTAINER TYPE BKC



Large volume skip with side pivot

- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- "uprighter" to return container to loading position
- 4 m³ and 5 m³ with extender frame

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm
- galvanized lid, can be opened from both sides
- welding, oil- and watertight
- adjustable dumping brake
- hydraulic tilting aid

Individual construction on request

- other dimensions



BKC with extender frame



BKC with hydraulic tilting aid



BKC with lid

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| BKC 200 | 2,0 | 2310 x 1750 x 1220 | 2500 | 436 / 470 |
| BKC 300 | 3,0 | 2310 x 2280 x 1220 | 2500 | 520 / 560 |
| BKC 400 | 4,0 | 2310 x 2280 x 1480 | 2500 | 571 / 615 |
| BKC 500 | 5,0 | 2310 x 2280 x 1740 | 2500 | 608 / 655 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| Other dimensions possible | | | |
| | A | B | C |
| BKC 200-500 | 600 | 200 | 80 |

Finish:

RAL 2000

RAL 3000

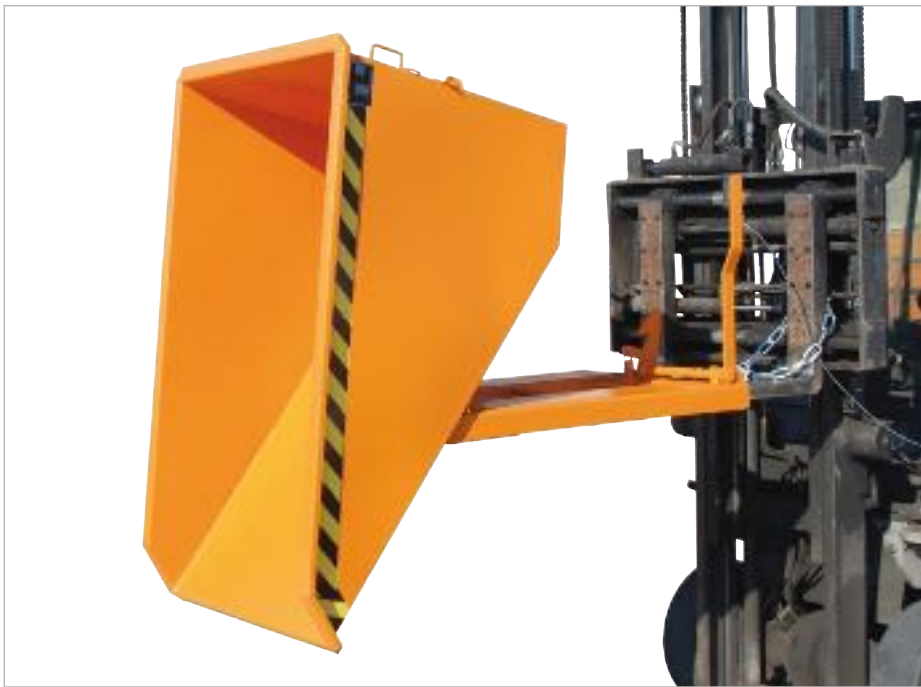
RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TILTING CONTAINER TYPE NK



Low structural height and scissor tilting mechanism

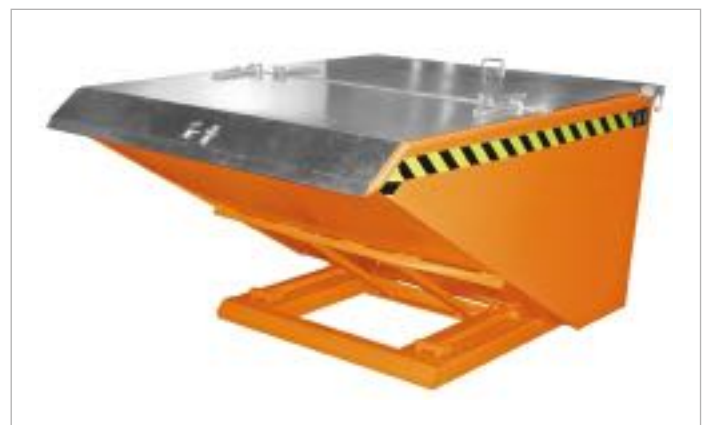
- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides
- pick-up for a crane or trolley jack
- welding, oil- and watertight
- trailer coupling and towing bar



NK with castors



NK with lid

Fork sleeve inside dimensions in mm

| | A | B | C |
|-----------|-----|-----|----|
| NK 30-50 | 300 | 200 | 60 |
| NK 75-100 | 600 | 200 | 60 |

Other dimensions possible

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|--------|---------------------------------------|---------------------------------|------------------------|-------------------------|
| NK 30 | 0,30 | 1210 x 840 x 665 | 750 | 123 / 135 |
| NK 50 | 0,50 | 1450 x 840 x 760 | 1000 | 149 / 163 |
| NK 75 | 0,75 | 1700 x 1080 x 880 | 1500 | 195 / 214 |
| NK 100 | 1,00 | 1700 x 1430 x 880 | 1500 | 218 / 239 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

LATTICE CONTAINERS TYPE GU-G / BSK-G / SB-G



GU-G 1000

Tilting containers for light materials, e.g. paper, plastics, wood and green waste

- floor made of steel sheet
- all walls made of wire mesh size 25 x 25 mm
- can be emptied at any height by cable operated from the driver's seat
- can be secured to prevent slipping and unintentional emptying / trap door operation

Types available

GU-G

- low structural height

BSK-G

- emptied by traverse

SB-G

- emptied via the trap door

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid



BSK-G 90 with BST 90



SB-G 1000

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|------------------|---------------------------------------|---------------------------------|------------------------|-------------------------|
| GU-G 1000 | 1,0 | 1620 x 1260 x 770 | 500 | 127 / 140 |
| BSK-G 90 | 0,9 | 1200 x 1000 x 900 | 500 | 67 / 74 |
| SB-G 1000 | 1,0 | 1035 x 1310 x 1160 | 500 | 168 / 185 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|------------------|-----|-----|----|
| GU-G 1000 | 495 | 200 | 60 |
| BST/BKT | 450 | 200 | 80 |

Fork sleeve (hoops) inside dimensions in mm

Min. length of forks 1100 mm

| | A | B | C |
|------------------|-----|-----|----|
| SB-G 1000 | 630 | 160 | 65 |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

UNIVERSAL CONTAINER TYPE UC

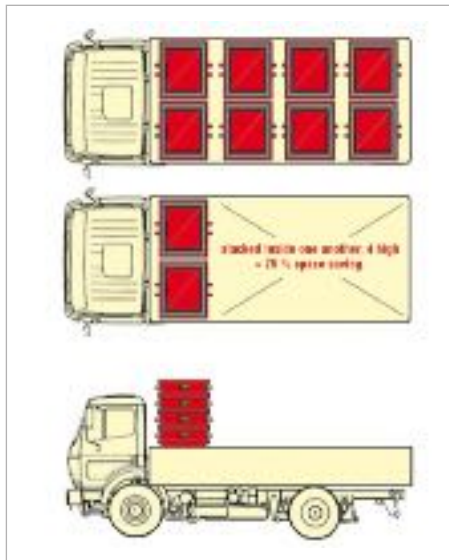


Ideal for collection and transport of bulk goods, production waste and materials to be recycled

- conical construction
- can be stacked inside one another
- economical logistics thanks to space-saving transport
- can be transported on a pallet truck, by forklift, site dumper or crane

Accessories

- pick-up profile for Hydraulic Traverse type UCT
- Hydraulic Traverse type UCT
- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides (stacking NOT possible)



Emptying using a forklift rotator

Fork sleeve inside dimensions in mm

| | A | B | C |
|-------------|-----|-----|----|
| UC 500-1000 | 615 | 180 | 94 |
| UCT | 520 | 200 | 60 |

Fork sleeve (hoops) inside dimensions in mm

| | A | B | C |
|-------------|-----|-----|----|
| UC 500-1000 | 615 | 160 | 60 |

Min. length of forks 1100 mm

UC and Hydraulic Traverse type UCT

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| UC 500 | 0,50 | 1040 x 1200 x 680 | 1000 | 94 / 104 |
| UC 750 | 0,75 | 1040 x 1200 x 955 | 1500 | 109 / 119 |
| UC 1000 | 1,00 | 1040 x 1200 x 1215 | 2000 | 122 / 134 |
| UCT | | 1035 x 1365 x 1240 | 2000 | 230 / - |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

BIN TYPE C



C30



An economic choice - collect and transport bulk goods, production waste and materials to be recycled

- sturdy steel construction, smooth inside surface
- 100 mm ground leeway, also suitable for pallet trucks (C 80)
- fork pockets for fork rotator
- welding, oil and watertight
- 4 stacking corners, can be stacked 3 high



C80



Emptying using a forklift rotator

Fork pocket inside dimensions in mm

Other dimensions possible

| | A | B | C |
|------------|-----|-----|----|
| C30 | 260 | 150 | 60 |
| C80 | 616 | 150 | 60 |

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| C30 | 0,30 | 620 x 840 x 800 | 500 | 47 / 51 |
| C80 | 0,80 | 840 x 1240 x 975 | 1000 | 80 / 87 |

COLLECTING SYSTEM TYPE SBS



Collection and transport system

- sturdy steel sheet construction
- suitable for pick-up by a forklift or crane
- even different sizes can be stacked (max. 3 high)
- optimised stacking dimensions mean the whole loading surface of the truck can be used - stacking supports 600 mm apart, height 850 mm
- finish: please refer to the colour chart below

Accessories

- trolley with castors



Fork sleeve inside dimensions in mm

| | A | B | C |
|---------------------|-----|-----|----|
| SBS 500-2000 | 616 | 195 | 60 |

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| SBS 500 | 0,50 | 600 x 1200 x 850 | 500 | 122 / 134 |
| SBS 1000 | 1,00 | 1200 x 1200 x 850 | 1000 | 184 / 202 |
| SBS 2000 | 2,00 | 1200 x 2400 x 850 | 2250 | 263 / 289 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

STACKING TIPPER TYPE BSK



BSK with Traverse BST

A Stacking Tipper made of distortion proof steel sheet for heavy duty use

- can be stacked when full (3 high)
- emptied by cable operated from the driver's seat using the traverse

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm (stacking NOT possible)
- galvanized 2-part lid, can be opened from one side (stacking NOT possible)
- welding, oil- and watertight
- crane eyes
- lettering/stickers



BSKs with lids and stickers



BSK with castors



BSK with lid



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h)* | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|----------------------------------|------------------------|---------------------------------|
| BSK 30 | 0,30 | 800 x 600 x 600 | 500 | 50 / 54 |
| BSK 55 | 0,55 | 1000 x 800 x 900 | 1000 | 80 / 86 |
| BSK 70 | 0,70 | 1200 x 800 x 900 | 1500 | 90 / 97 |
| BSK 90 | 0,90 | 1200 x 1000 x 900 | 2000 | 100 / 108 |
| BSK 150 | 1,50 | 1200 x 1500 x 1000 | 2000 | 151 / 162 |
| BSK 200 | 2,00 | 1200 x 2000 x 1000 | 2000 | 185 / 199 |

*width not including pick-up cones

TRAVERSES FOR STACKING TIPPERS TYPE BST / BKT



BST



BKT-U



BST-H



BKT

Traverses for emptying Stacking Tipper

- empty BSKs at any height - operated by pull cable from the driver's seat
- can be secured to prevent slipping

Types available

BST

- fork pockets for pick-up by a forklift
- pick-up arm engages with cones on the Stacking Tipper

BST-H

- similar to the type BST but hydraulic

BST-U

- fork sleeves at the base of the traverse ensure optimal use of the truck's lifting range

BKT

- for use with a forklift truck or crane, stacking tipper is picked up using the cones

Accessories

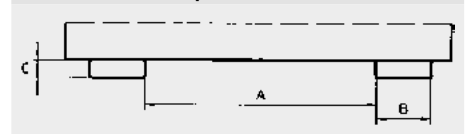
- Traverse Stand type TS



BST-H with Traverse Stand TS

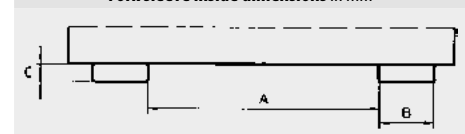
| | For stacking tipper volume (approx) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg |
|----------------------------|---|---------------------------------------|---------------------|--------------|
| BST 30 / BST-H 30 | 0,30 | 945 x 730 x 845 / 900 x 870 x 1035 | 500 | 71 / 135 |
| BST 55 / BST-H 55 | 0,55 | 945 x 930 x 980 / 900 x 1070 x 1035 | 1000 | 79 / 144 |
| BST 70 / BST-H 70 | 0,70 | 945 x 930 x 980 / 900 x 1070 x 1035 | 1500 | 79 / 144 |
| BST 90 / BST-H 90 | 0,90 | 945 x 1130 x 980 / 900 x 1270 x 1035 | 2000 | 85 / 150 |
| BST 150 / BST-H 150 | 1,50 | 940 x 1630 x 1085 / 900 x 1770 x 1095 | 2000 | 148 / 220 |
| BST 200 / BST-H 200 | 2,00 | 940 x 2130 x 1085 / 900 x 2270 x 1095 | 2000 | 164 / 239 |
| BST-U 30 | 0,30 | 1185 x 1145 x 935 | 500 | 163 |
| BST-U 55 | 0,55 | 1185 x 1345 x 1055 | 1000 | 176 |
| BST-U 70 | 0,70 | 1185 x 1345 x 1055 | 1500 | 177 |
| BST-U 90 | 0,90 | 1185 x 1545 x 1055 | 2000 | 182 |
| BKT 30 | 0,30 | 1350 x 730 x 900 | 500 | 91 |
| BKT 55 | 0,55 | 1350 x 930 x 1030 | 1000 | 99 |
| BKT 70 | 0,70 | 1350 x 930 x 1030 | 1500 | 99 |
| BKT 90 | 0,90 | 1350 x 1130 x 1030 | 2000 | 103 |
| BKT 150 | 1,50 | 1450 x 1630 x 1090 | 2000 | 167 |
| BKT 200 | 2,00 | 1450 x 2130 x 1090 | 2000 | 183 |

Fork sleeve (hoops) inside dimensions in mm



| | A | B | C |
|-----------------------------|-----|-----|----|
| BST/BST-H/BKT 30 | 110 | 200 | 80 |
| BST/BST-H/BKT 55-70 | 250 | 200 | 80 |
| BST/BST-H/BKT 90-150 | 450 | 200 | 80 |
| BST/BST-H/BKT 200 | 590 | 200 | 80 |

Fork sleeve inside dimensions in mm



| | A | B | C |
|--------------------|------|-----|----|
| BST-U 30 | 732 | 200 | 60 |
| BST-U 55-70 | 932 | 200 | 60 |
| BST-U 90 | 1132 | 200 | 60 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

CONTAINER WITH DROP AWAY BASE TYPE BKB



Conical container, bottom discharge

- can be stacked inside one another
- trap door operated by cable from the driver's seat
- trap door closes automatically when the container is set down on the ground, opening angle 90°
- sturdy construction with all-round reinforced edging
- suitable for pick-up by a forklift or crane
- 100 mm ground leeway, suitable for pallet trucks
- can be secured to prevent slipping and unintentional trap door operation
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides
(stacking NOT possible)



BKB with lid



BKB with castors

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| BKB 500 | 0,50 | 1040 x 1200 x 715 | 1000 | 126 / 136 |
| BKB 700 | 0,70 | 1040 x 1200 x 970 | 1500 | 145 / 156 |
| BKB 1000 | 1,00 | 1040 x 1200 x 1270 | 2000 | 169 / 182 |

Fork sleeve (hoops) inside dimensions in mm

| | A | B | C |
|---------------------|-----|-----|----|
| BKB 500-1000 | 600 | 180 | 65 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|---------------------|-----|-----|----|
| BKB 500-1000 | 600 | 192 | 94 |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

CONTAINER WITH DROP AWAY BASE TYPE FB



FB with guiding plates

Ideal for collection, storage and transfer of materials to be recycled

- sturdy steel construction with smooth inside surface
- trap door operated by cable from the driver's seat
- rubber cushioning to lessen the impact when the trap door is opened
- trap door closes automatically when the container is set down on the ground
- can be secured to prevent slipping and unintentional trap door operation
- suitable for pick-up by a forklift or crane
- 100 mm ground leeway, suitable for pallet trucks
- 4 crane eyes
- can be stacked (3 high)

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides
- galvanized guiding plates for trap door



FB with castors



FB with lid



FB with lid



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| FB 500 | 0,50 | 840 x 1245 x 845 | 1000 | 125 / 135 |
| FB 750 | 0,75 | 840 x 1245 x 1145 | 1000 | 144 / 154 |
| FB 1000 | 1,00 | 1040 x 1245 x 1145 | 1250 | 158 / 173 |
| FB 1500 | 1,50 | 1040 x 1845 x 1145 | 1500 | 203 / 218 |
| FB 2000 | 2,00 | 1040 x 1845 x 1445 | 1500 | 232 / 255 |

| Fork sleeve (hoops) inside dimensions in mm | | | |
|---|-----|-----|----|
| | A | B | C |
| FB 500-1000 | 415 | 185 | 75 |
| FB 1500-2000 | 615 | 185 | 75 |

Min. length of forks 1100 mm

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

CYLINDRICAL CONTAINER TYPE RB



RB with castors

Cylindrical container, bottom discharge

- steel sheet construction
- handgrip for manual positioning or pick-up by a forklift truck or crane
- trap door operated by cable
- rubber cushioning lessens the impact when the trap door is opened, opening angle 90°
- trap door closes automatically when the container is set down on the ground
- can be secured to prevent slipping and unintentional trap door operation

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake - construction height 125 mm
- aluminium lid, removable



| | Volume (approx.) in m ³ | Dimensions in mm (ØxH) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------|---------------------------------------|---------------------------|------------------------|---------------------------------|
| RB 300 | 0,30 | 865 x 775 | 500 | 60 / 64 |
| RB 450 | 0,45 | 865 x 1085 | 500 | 70 / 74 |

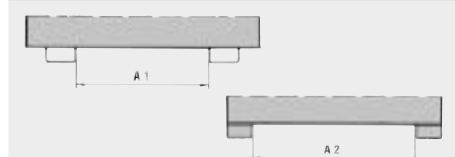
CONTAINER WITH DROP AWAY BASE TYPE HKB



Transport and storage container, controlled bottom discharge

- operated by an hydraulic accessory fitted to the forklift truck; enables trap door to be gradually opened
- made of profiled steel sheet with reinforced edging
- walls with vertical pleats for easy discharge - even for bulk materials which are difficult to handle
- smooth trap door with integrated side plates guarantee contents are discharged - even bulk materials that are difficult to handle
- can be stacked (3 high)
- suitable for pick-up by a pallet truck, forklift or crane

Dimensions for pick-up: lengthwise (A 1) / broadside (A 2) in mm



| | Volume (approx.) in m ³ | External dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------|---------------------------------------|--|------------------------|---------------------------------|
| HKB 60 | 0,6 | 1175 x 975 x 835 | 1500 | 140 / 151 |
| HKB 70 | 0,7 | 1375 x 975 x 835 | 2000 | 170 / 183 |
| HKB 90 | 0,9 | 1375 x 1175 x 835 | 2000 | 198 / 214 |

| | A 1 | A 2 |
|--------|-----|-----|
| HKB 60 | 600 | 675 |
| HKB 70 | 800 | 675 |
| HKB 90 | 800 | 875 |

CONTAINER WITH DROP AWAY BASE TYPE SB



The economical way to collect waste or to commission solids using a minimum of space

- sturdy construction, trap door with reinforcement
- trap door closes automatically when skip touches the ground
- suitable for pick-up by a forklift or crane
- guiding plates for trap door
- trap door operated by cable
- can be secured to prevent slipping and unintentional trap door operation
- can be stacked (3 high)
- wheels can be fitted later

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides

Individual construction on request

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| SB 500 | 0,50 | 1035 x 1310 x 700 | 1000 | 168 / 181 |
| SB 750 | 0,75 | 1035 x 1310 x 930 | 1500 | 192 / 207 |
| SB 1000 | 1,00 | 1035 x 1310 x 1160 | 2000 | 215 / 231 |
| SB 1500 | 1,50 | 1035 x 1910 x 1160 | 2000 | 281 / 302 |
| SB 2000 | 2,00 | 1035 x 1910 x 1465 | 2000 | 320 / 344 |

| Fork sleeve (hoops) inside dimensions in mm | | | |
|---|-----|-----|----|
| Min. length of forks 1100 mm | | | |
| | A | B | C |
| SB 500-2000 | 630 | 160 | 65 |

BUILDING MATERIALS CONTAINER TYPE BC



BC with brick clamp operated trap door

The perfect complement - a filling hopper (please refer to page 41)

BC with brick clamp operated trap door

The best way to provide economical logistical support for building sites

- sturdy construction for heavy duty use
- bottom discharge
- reinforced trap door with 2 locks
- trap door operated by cable
- suitable for pick-up by a pallet truck, forklift or crane
- special edging on all sides for pick-up using a a brick clamp

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides
- brick clamp operated trap door

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| BC 500 | 0,50 | 1035 x 1310 x 700 | 1000 | 189 / 203 |
| BC 1000 | 1,00 | 1035 x 1310 x 1160 | 2000 | 235 / 253 |

| Fork sleeve (hoops) inside dimensions in mm | | | |
|---|-----|-----|----|
| Min. length of forks 1100 mm | | | |
| | A | B | C |
| BC 500-1000 | 630 | 160 | 65 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

CONTAINERS FOR TUGGER TRAIN SYSTEMS TYPE C / CS



C 30 and CS 30



CS 80

- sturdy steel construction with smooth inside surface
- 100 mm ground leeway, also suitable for pallet trucks (C / CS 80)
- welding, oil and watertight
- 4 stacking corners, can be stacked 3 high
- for trolley measuring 1200 x 800 mm (C 80 / CS 80 or 2 x C 30 / 2 x CS 30)
- for trolley measuring 600 x 800 mm (C 30 / CS 30)



Can be stacked



Perforated sieve (CS)



Drain-cock (CS)



Emptying using a forklift rotator

Type C

- ideal for bulk solids

Type CS

- especially designed to separate fluids from solids and collect them
- perforated sieve, perforation Ø 3 mm, separation 6 mm
- 1" drain-cock

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| C 30 | 0,30 | 620 x 840 x 800 | 500 | 47 / 51 |
| C 80 | 0,80 | 840 x 1240 x 975 | 1000 | 80 / 87 |
| CS 30 | 0,30 | 620 x 840 x 795 | 500 | 53 / 58 |
| CS 80 | 0,80 | 840 x 1240 x 975 | 1000 | 88 / 95 |

Fork sleeve (hoops) inside dimensions in mm

| | A | B | C |
|---------------------|-----|-----|----|
| C 30 / CS 30 | 260 | 150 | 60 |
| C 80 / CS 80 | 600 | 150 | 60 |

Other dimensions possible

CONTAINER WITH DROP AWAY BASE FOR TUGGER TRAIN SYSTEMS TYPE FB



FB with guiding plates



FB with lid



- sturdy steel construction with smooth inside surface
- trap door operated by cable from the driver's seat
- 4 crane lifting eyes Ø 40 mm
- can be stacked 3 high
- for trolley measuring 1200 mm x 800 mm (FB 500 / FB 750)
- for trolley measuring 1200 mm x 1000 mm (FB 1000)

Accessories

- galvanized lid
- galvanized guiding plates for trap door

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| FB 500 | 0,50 | 840 x 1245 x 845 | 1000 | 125 / 135 |
| FB 750 | 0,75 | 840 x 1245 x 1145 | 1000 | 144 / 154 |
| FB 1000 | 1,00 | 1040 x 1245 x 1145 | 1250 | 158 / 173 |

Fork sleeve (hoops) inside dimensions in mm

| | A | B | C |
|--------------------|-----|-----|----|
| FB 500-1000 | 415 | 185 | 75 |

| | | | | | | |
|---------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|



TIPPING CONTAINER FOR TUGGER TRAIN SYSTEMS **TYPE GU-RZ**



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| GU-RZ 30 | 0,30 | 1230 x 875 x 530 | 750 | 105 / 113 |
| GU-RZ 55 | 0,55 | 1230 x 875 x 880 | 1000 | 125 / 135 |

- ideal angle for emptying
- can be emptied at any height using the cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork pockets
- can be secured to prevent slipping and unintentional emptying
- for trolley measuring 1200 mm x 800 mm

Accessories

- galvanized lid, can be opened from both sides

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|----------|----------|----------|
| Other dimensions possible | | | |
| | A | B | C |
| GU-RZ 30-55 | 150 | 200 | 60 |

SWARF TILTING CONTAINER FOR TUGGER TRAIN SYSTEMS **TYPE SGU-RZ**



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| SGU-RZ 30 | 0,30 | 1230 x 875 x 530 | 750 | 123 / 131 |
| SGU-RZ 55 | 0,55 | 1230 x 875 x 880 | 1000 | 143 / 153 |

- especially designed to separate fluids from solids and collect them
- perforated intermediate floor, sheet screwed in 100 mm above the container floor, perforation Ø 3 mm, separation 6 mm, 1" drain-cock
- welding, oil and watertight
- can be emptied at any height using the cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork pockets
- can be secured to prevent slipping and unintentional emptying
- for trolley measuring 1200 mm x 800 mm

Accessories

- galvanized lid, can be opened from both sides

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|----------|----------|----------|
| Other dimensions possible | | | |
| | A | B | C |
| SGU-RZ 30-55 | 150 | 200 | 60 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TIPPING SKIPS TYPE KK / KN



KK

Ideal for collection and disposal of bulk solids and industrial waste

- sturdy steel sheet construction with reinforced edging
- tiltable skip with handle
- sturdy frame with fork sleeves
- easy to transport using a forklift truck
- welding, oil and watertight
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later

Types available

KK

- box-shaped skip

KN

- low profile skip



KN

Accessories

- 2 swivel + 2 fixed solid rubber castors Ø 200 mm, 1 swivel castor with brake – construction height 235 mm
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- galvanized lid, can be opened from both sides
- Note: available as a swarf container (please refer to page 31)



KN with castors (solid rubber)



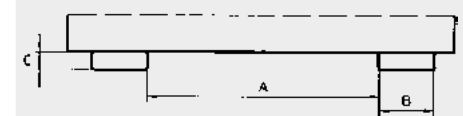
KK with castors (polyamide)



KK with castors (solid rubber)

| | Volume approx. in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| KK 250 | 250 | 1115 x 590 x 740 | 430 | 300 | 59 / 63 |
| KK 400 | 400 | 1320 x 670 x 840 | 485 | 300 | 73 / 79 |
| KK 600 | 600 | 1390 x 840 x 905 | 520 | 300 | 114 / 123 |
| KK 800 | 800 | 1420 x 910 x 975 | 560 | 300 | 125 / 134 |
| KK 1000 | 1000 | 1420 x 1110 x 975 | 560 | 300 | 138 / 148 |
| KN 250 | 250 | 1375 x 670 x 530 | 530 | 300 | 62 / 66 |
| KN 400 | 400 | 1430 x 840 x 605 | 605 | 300 | 75 / 80 |

Fork sleeve inside dimensions in mm



| | A | B | C |
|----------------------|-----|-----|----|
| KK 250 | 205 | 170 | 55 |
| KK 400/KN 250 | 285 | 170 | 55 |
| KK 600/KN 400 | 455 | 170 | 55 |
| KK 800 | 525 | 170 | 55 |
| KK 1000 | 725 | 170 | 55 |

BARROW TIPPER TYPE KW



For all kinds of bulk goods, is emptied at ground level

- sturdy steel sheet construction with reinforced edging
- frame made of steel tubing
- welding, oil and watertight
- spring safety fastening
- 2 wheels + 1 swivel castor (as of volume 600 litres upwards + 2 swivel castors) made of solid rubber Ø 250 mm, one swivel castor with brake
- handle

Types available

KW

- no fork sleeves

KW-ET

- fork sleeves can be secured to prevent slipping and unintentional emptying

Accessories

- galvanized lid, can be opened from both sides
- Note available as a swarf container (please refer to page 31)



KW-ET



KW



KW-ET with lid



KW-ET



KW-ET - as of volume 600 litres upwards 2 swivel castors

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) | |
|----------------------|-----------------------|------------------------------|---------------------------|---------------------|------------------------------|-----------|
| | | | | | KW | KW-ET |
| KW (-ET) 250 | 250 | 1115 x 820 x 990 | 680 | 300 | 62 / 67 | 75 / 81 |
| KW (-ET) 400 | 400 | 1320 x 900 x 1090 | 740 | 300 | 76 / 82 | 91 / 98 |
| KW (-ET) 600 | 600 | 1395 x 1070 x 1155 (1220) | 770 (830) | 300 | 123 / 133 | 139 / 150 |
| KW (-ET) 1000 | 1000 | 1420 x 1340 x 1225 (1290) | 810 (870) | 300 | 149 / 160 | 164 / 177 |

Fork sleeve inside dimensions in mm

Other dimensions possible

| | A | B | C |
|-----------------------|-----|-----|----|
| KW-ET 250-1000 | 465 | 170 | 55 |

| | | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | RAL 7021 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

TIPPING SKIP TYPE KS



Highly versatile - used to transport and empty bulk materials

- castors and handle facilitate manual handling
- fork sleeves - can be driven by a forklift
- is emptied at ground level or over a large volume skip when driven by a forklift
- sturdy steel construction
- sturdy frame with fork sleeves
- tiltable skip
- can be secured to prevent slipping and unintentional emptying
- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
– construction height 225 mm

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight painted in kg |
|---------------|--------------------------|---------------------------------|------------------------------|------------------------|-------------------------|
| KS 400 | 400 | 1220 x 1050 x 1115 | 1020 | 1000 | 107 |
| KS 550 | 550 | 1250 x 1200 x 1170 | 1055 | 1000 | 120 |
| KS 700 | 700 | 1345 x 1200 x 1275 | 1175 | 1000 | 132 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|---------------|-----|-----|----|
| KS 400 | 100 | 200 | 80 |
| KS 550 | 180 | 200 | 80 |
| KS 700 | 180 | 200 | 80 |

SWARF TIPPING SKIP TYPE SKS



Highly versatile - used to transport and discharge swarf

- similar to type KS (please see above), welded oil and watertight, with perforated sieve and 1" drain-cock designed to separate liquids from solids and drain them



1" drain-cock



perforated corner sieve

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight painted in kg |
|----------------|--------------------------|---------------------------------|------------------------------|------------------------|-------------------------|
| SKS 400 | 400 | 1220 x 1050 x 1115 | 1020 | 1000 | 109 |
| SKS 550 | 550 | 1250 x 1200 x 1170 | 1055 | 1000 | 122 |
| SKS 700 | 700 | 1345 x 1200 x 1275 | 1175 | 1000 | 134 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|----------------|-----|-----|----|
| SKS 400 | 100 | 200 | 80 |
| SKS 550 | 180 | 200 | 80 |
| SKS 700 | 180 | 200 | 80 |

SWARF TIPPING SKIPS TYPE SKK / SKN



SKK with castors



SKK



1" drain-cock



Perforated sieve



SKN

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------|--------------------------|---------------------------------|------------------------------|------------------------|---------------------------------|
| SKK 250 | 250 | 1115 x 590 x 740 | 430 | 300 | 61 / 66 |
| SKK 400 | 400 | 1320 x 670 x 840 | 485 | 300 | 75 / 81 |
| SKK 600 | 600 | 1390 x 840 x 905 | 520 | 300 | 116 / 125 |
| SKK 800 | 800 | 1420 x 910 x 975 | 560 | 300 | 127 / 137 |
| SKK 1000 | 1000 | 1420 x 1110 x 975 | 560 | 300 | 140 / 151 |
| SKN 250 | 250 | 1375x 670 x 530 | 530 | 300 | 64 / 69 |
| SKN 400 | 400 | 1430x 840 x 605 | 605 | 300 | 77 / 83 |

Low construction height, particularly well-suited for low-level swarf discharge

- perforated sieve and 1" drain-cock designed to separate liquids from solids and drain them
- tiltable skip with handle
- sturdy frame with fork sleeves
- welding, oil and watertight
- can be secured to prevent slipping and unintentional emptying

Types available

SKK

- box-shaped skip

SKN

- low profile skip

Accessories

- 2 swivel + 2 fixed solid rubber castors Ø 200 mm, 1 swivel castor with brake – construction height 235 mm
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- galvanized lid, can be opened from both sides

Fork sleeve inside dimensions in mm

| | A | B | C |
|------------------------|-----|-----|----|
| SKK 250 | 205 | 170 | 55 |
| SKK 400/SKN 250 | 285 | 170 | 55 |
| SKK 600/SKN 400 | 455 | 170 | 55 |
| SKK 800 | 525 | 170 | 55 |
| SKK 1000 | 725 | 170 | 55 |

SWARF BARROW TIPPER TYPE SKW



SKW-ET



1" drain-cock



perforated corner sieve

Specially designed to collect metal shavings, is emptied at ground level

- perforated sieve and 1" drain-cock designed to separate liquids from solids and drain them
- welding, oil and watertight
- spring safety fastening, handle
- 2 wheels + 1 swivel castor (as of volume 600 litres upwards + 2 swivel castors) made of solid rubber Ø 250 mm, one swivel castor with brake

Types available

SKW

- no fork sleeves

SKW-ET

- with fork sleeves and safety chain

Accessories

- galvanized lid, can be opened from both sides

Fork sleeve inside dimensions in mm

| | A | B | C |
|------------------------|-----|-----|----|
| SKW-ET 250-1000 | 465 | 170 | 55 |

Other dimensions possible

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Height dumping edge in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------------------|--------------------------|---------------------------------|---------------------------|------------------------|------------------------------|
| SKW (-ET) 250 | 250 | 1115 x 820 x 990 | 680 | 300 | 64 / 69 77 / 83 |
| SKW (-ET) 400 | 400 | 1320 x 900 x 1090 | 740 | 300 | 78 / 84 93 / 101 |
| SKW (-ET) 600 | 600 | 1395 x 1070 x 1155 (1220) | 770 (830) | 300 | 125 / 135 141 / 152 |
| SKW (-ET) 1000 | 1000 | 1420 x 1340 x 1225 (1290) | 810 (870) | 300 | 151 / 163 167 / 180 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

RAL 7021

hot-dip galvanized

SWARF CONTAINER TYPE SGU



Specially designed to separate liquids from solids and collect them

- perforated intermediate screen 100 mm above the floor, perforation \varnothing 3 mm, separation 6 mm
- 1" drain-cock for drainage of liquids
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- welding, oil and watertight

Accessories

- 2 swivel + 2 fixed polyamide castors \varnothing 180 mm, one swivel castor with brake - construction height 225 mm
- galvanized lid, can be opened from both sides
- pick-up for a crane, lever trolley and pallet truck
- adjustable dumping brake from size SGU 50 upwards

Individual construction on request e.g.

- pick-up for bale gripper
- supporting feet for use with a pallet truck



1" drain-cock

Perforated intermediate screen



SGU with castors



SGU with supporting feet

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|------------------------------------|------------------------------|---------------------|------------------------------|
| SGU 30 | 0,30 | 1440 x 680 x 580 | 750 | 112 / 121 |
| SGU 50 | 0,50 | 1440 x 780 x 680 | 1000 | 130 / 140 |
| SGU 75 | 0,75 | 1440 x 1280 x 680 | 1000 | 169 / 182 |
| SGU 100 | 1,00 | 1640 x 1280 x 780 | 1500 | 220 / 237 |
| SGU 150 | 1,50 | 1640 x 1280 x 1090 | 1500 | 250 / 270 |
| SGU 200 | 2,00 | 1640 x 1680 x 1090 | 1500 | 287 / 308 |

Fork sleeve inside dimensions in mm



| | A | B | C |
|------------|-----|-----|----|
| SGU 30 | 10 | 200 | 60 |
| SGU 50 | 150 | 200 | 60 |
| SGU 75-200 | 495 | 200 | 60 |

SWARF CONTAINER TYPE SKM



Specially designed to separate liquids from solids and collect them

- perforated sieve and 1" drain-cock designed to collect metal shavings
- 1" drain-cock for drainage of liquids
- optimised load centre
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- welding, oil and watertight
- with castors and handle

Accessories

- galvanized lid, can be opened from both sides

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| SKM 30 | 0,30 | 1275 x 820 x 820 | 1000 | 115 / 126 |
| SKM 50 | 0,50 | 1275 x 1280 x 820 | 1000 | 133 / 143 |
| SKM 75 | 0,75 | 1620 x 1180 x 1060 | 1250 | 180 / 198 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|-----------|-----|-----|----|
| SKM 30 | 280 | 200 | 70 |
| SKM 50-75 | 30 | 200 | 70 |

Other dimensions possible

AUTOMATIC SWARF TILTING CONTAINER TYPE S4A



Automatically activated roll forward mechanism

- perforated sieve and 1" drain-cock designed to collect metal shavings
- 3 automatic release points mean the content can be emptied at 3 different positions over the container
- automatic locking feature to prevent the container from slipping forward
- safety feature to prevent unintentional emptying
- optimised load centre
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- welding, oil and watertight

Accessories

- galvanized lid, can be opened from both sides

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------|---------------------------------------|---------------------------------|------------------------|---------------------------------|
| S4A 600 | 0,60 | 1485 x 1095 x 865 | 1000 | 163 / 173 |
| S4A 900 | 0,90 | 1485 x 1570 x 865 | 1000 | 206 / 222 |
| S4A 1200 | 1,20 | 1920 x 1095 x 1125 | 1500 | 234 / 252 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|--------------|-----|-----|----|
| S4A 600-1200 | 640 | 200 | 91 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

SWARF CONTAINER TYPE S3S



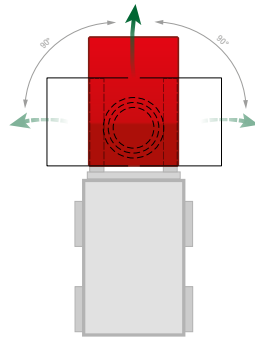
S3S, ready to empty to the left



Perforated sieve



1" drain-cock



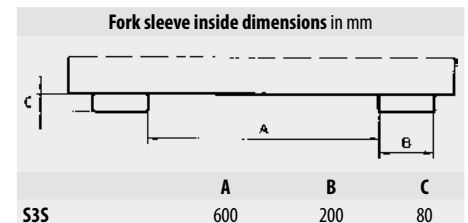
| | Volume (approx.) in m ³ | External dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|--|------------------------|---------------------------------|
| S3S 300 | 0,30 | 1460 x 1010 x 890 | 750 | 197 / 212 |
| S3S 600 | 0,60 | 1460 x 1070 x 890 | 1000 | 230 / 248 |

A Tilting Container that can be emptied in three directions

- perforated sieve and 1" drain-cock designed to collect metal shavings
- easy to set in the emptying direction required - forwards, to the left or to the right
- can be emptied at any height using the pull cable
- body with all-round reinforced edging
- sturdy frame with fork sleeves
- can be secured to prevent slipping and unintentional emptying
- wheels can be fitted later
- welding, oil and watertight

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- galvanized lid, can be opened from both sides



SWARF STACKING TIPPERS TYPE BSL / BSS



BSL



Perforated intermediate floor



Perforated sieve



1" drain-cock

Swarf stacking tippers made of distortion proof steel sheet for heavy duty use

- smooth floor (3 mm)
- welding, oil and watertight
- is emptied by cable operated from the driver's seat using the traverse
- can be stacked when full (3 high)

Types available

BSL

- perforated intermediate floor and 1" drain-cock fitted to the inclined wall

BSS

- perforated sieve and 1" drain-cock fitted to the inclined wall

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h)* | Load capacity in kg | Weight | |
|-------------------|---------------------------------------|----------------------------------|------------------------|---------------|-------------|
| | | | | painted in kg | galv. in kg |
| BSL 30 / BSS 30 | 0,30 | 800 x 600 x 600 | 500 | 65 / 52 | 70 / 56 |
| BSL 55 / BSS 55 | 0,55 | 1000 x 800 x 900 | 1000 | 95 / 85 | 102 / 92 |
| BSL 70 / BSS 70 | 0,70 | 1200 x 800 x 900 | 1500 | 105 / 95 | 113 / 102 |
| BSL 90 / BSS 90 | 0,90 | 1200 x 1000 x 900 | 2000 | 120 / 107 | 129 / 115 |
| BSL 150 / BSS 150 | 1,50 | 1200 x 1500 x 1000 | 2000 | 180 / 164 | 194 / 176 |
| BSL 200 / BSS 200 | 2,00 | 1200 x 2000 x 1000 | 2000 | 235 / 201 | 252 / 216 |

*width not including pick-up cones

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 225 mm
(stacking NOT possible)
- galvanized 2-part lid, can be opened from one side
(stacking NOT possible)
- traverses (please refer to page 21)

SILO CONTAINERS TYPE SR / SG / SRE



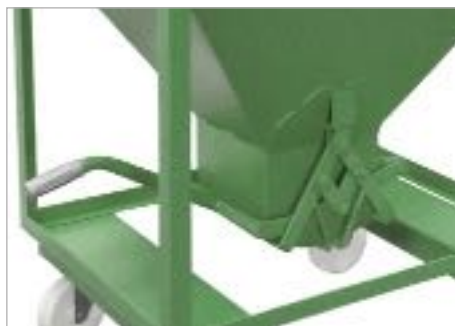
SR



SG



SRE



Special manually operated scissor lock (SR, SG, SRE)



Sliding gate with a special seal on the hopper floor (SR-D, SG-D, SRE-D)



SRE-D with lid



SR-D with crane eyes

Controlled discharge of bulk solids

- special manually operated scissor lock 300 x 300 mm
- frame made of steel tubing
- hopper made of steel plate with all-round edging

Types available

SR

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, 1 swivel castor with brake
- construction height 220 mm

SG

- fork sleeves inside dimensions (wxh) = 175x65 mm, 565 mm apart
- stacking corners

SRE

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, 1 swivel castor with brake
- construction height 220 mm
- fork sleeves inside dimensions (wxh) = 175x65 mm, 565 mm apart

SR-D, SG-D, SRE-D

- design as above but with a sliding gate and a special seal on the hopper floor, for manual use, opening 300x300 mm, primarily for fine-grained bulk materials

Accessories

- galvanized lid, removable
- crane eyes

Individual construction on request

| | Volume (approx.) in l | Dimensions in mm (l x w x h) | Weight | |
|-----------------|-----------------------|------------------------------|---------------|-------------|
| | | | Painted in kg | Galv. in kg |
| SR / SR-D 375 | 375 | 1115 x 780 x 1230 | 92 / 109 | 99 / 119 |
| SRE / SRE-D 375 | 375 | 1115 x 780 x 1300 | 102 / 123 | 110 / 135 |
| SG / SG-D 375 | 375 | 1090 x 860 x 1170 | 102 / 116 | 110 / 127 |
| SR / SR-D 600 | 600 | 1115 x 780 x 1610 | 116 / 135 | 125 / 148 |
| SRE / SRE-D 600 | 600 | 1115 x 780 x 1680 | 128 / 151 | 138 / 165 |
| SG / SG-D 600 | 600 | 1090 x 860 x 1550 | 128 / 143 | 137 / 157 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

SILO CONTAINERS TYPE SGK / SGS



SGK



SGS



SGS

For collecting bulk solids, emptied at the front

- hopper made of steel sheet with reinforced edging
- angle of inclination (floor) 30°
- base frame with fork sleeves
- can be secured to prevent slipping
- suitable for pick-up by a forklift or crane
- suitable for pallet trucks
- can be stacked (3 high, both types together)

Types available

SGK

- with front flap operated by pull cable from the driver's seat
- opening (w x h) 1050 x 650 mm

SGS

- with a sliding gate at the front, can be locked in position, manually operated
- opening (w x h) 250 x 250 mm

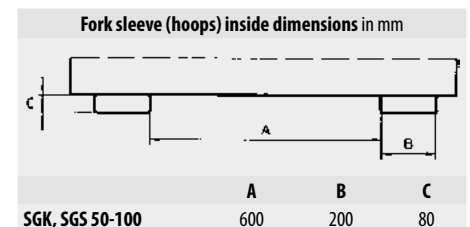


SGK



SGK stacked

| | Volume (approx.) in m ³ | Dimensions in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------------|---------------------|------------------------|---------------------------------|
| SGK 50 | 0,50 | 1000 x 1200 x 935 | 750 | 103 / 113 |
| SGK 75 | 0,75 | 1000 x 1200 x 1170 | 1000 | 122 / 134 |
| SGK 100 | 1,00 | 1000 x 1200 x 1405 | 1500 | 141 / 153 |
| SGS 50 | 0,50 | 1000 x 1200 x 1025 | 750 | 92 / 101 |
| SGS 75 | 0,75 | 1000 x 1200 x 1260 | 1000 | 111 / 124 |
| SGS 100 | 1,00 | 1000 x 1200 x 1495 | 1500 | 130 / 143 |



CONTAINERS FOR BUILDING MATERIALS TYPE BBG / BBK / BBP



Indispensable for restoration, modernisation and building work

- can be stacked (3 high)

BBG

- sturdy steel construction made of smooth steel sheet

BBK

- sturdy construction made of smooth steel sheet
- with drop down hinged door, easy to load using a wheelbarrow
- cross beam strengthens bottom part of the drop down door
- drop down door locked in closed position by a catch on each side

BBP

- sturdy construction made of distortion-proof steel sheet

Accessories

- galvanized lid, lockable
- cones for emptying using Tilting Traverse type BBT (for BBP)

BBK



BBK



BBK



BBP with cones



BBG with lid



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Superimposed load in kg | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|----------------------------|------------------------|---------------------------------|
| BBG 100 | 1,00 | 1515 x 1070 x 800 | 4500 | 1500 | 106 / 113 |
| BBK 100 | 1,00 | 1515 x 1070 x 800 | 4500 | 1500 | 110 / 118 |
| BBP 100 | 1,00 | 1580 x 1070 x 800 | 4500 | 1500 | 90 / 97 |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

MATERIAL CONTAINER TYPE BBM



For the storage of small parts

- sturdy construction made of smooth steel sheet
- can be stacked (3 high)



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Height dumping edge in mm | Can be stacked | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------------|---------------------------------|------------------------------|----------------|------------------------|---------------------------------|
| BBM 500 | 0,50 | 1070 x 890 x 760 | 455 | 3 high | 1000 | 57 / 61 |

TILTING TRAVERSE FOR CONTAINERS FOR BUILDING MATERIALS TYPE BBT



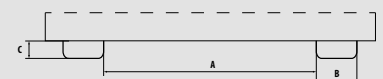
Traverse for emptying Containers for Building Materials fitted with cones

- can be emptied at any height by cable operated from the driver's seat
- suitable for pick-up by a forklift or crane
- can be secured to prevent slipping and unintentional emptying

BBT with BBP 100

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------|---------------------------------|------------------------|---------------------------------|
| BBT | 1350 x 1215 x 1080 | 2000 | 107 / 116 |

Fork sleeve (hoops) inside dimensions in mm



| | A | B | C |
|------------|-----|-----|----|
| BBT | 450 | 200 | 80 |

FILLING HOPPERS TYPE SBT / BTS / BTM

The simple and safe way to discharge bulk solids in BIG-BAGS and containers



SBT

SBT

- hopper made of steel sheet with all-round reinforced edging
- sturdy frame with full-length fork sleeves
- can be secured to prevent slipping
- with support legs
- with 4 hooks under the fork sleeves

BTS

- similar to the SBT but with supporting stand
- prepared for anchoring to the ground
- ground leeway 1190 mm

BTM

- similar to the BTS but mobile

Individual construction on request e.g.

- BTM with fixture for Traverse TBB-W



BTS



BTM



BTM with fixture for Traverse TBB-W

| | Dimensions in mm (l x w x h) | Hopper opening (top) in mm (l x w) | Hopper opening (bottom) in mm (l x w) | Weight in kg |
|-----|---------------------------------|---------------------------------------|--|-----------------|
| SBT | 1320 x 1710 x 990 | 1200 x 1600 | 800 x 600 | 221 |
| BTS | 980 x 1980 x 2050 | 850 x 1875 | 500 x 700 | 312 |
| BTM | 1700 x 1980 x 2050 | 850 x 1875 | 500 x 700 | 342 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| SBT | 720 | 200 | 80 |
| BTS / BTM | 930 | 200 | 80 |

| | | | | | |
|---------|----------|----------|----------|----------|----------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 |
|---------|----------|----------|----------|----------|----------|

TRAVERSES FOR BIG BAGS TYPE TBB / TBB-E / TBB-W



TBB

The simple and safe way to transport filled big bags using a forklift or crane

TBB

- sturdy steel tube construction
- pick-up for cranes
- pick-up for the bag's lifting loops

TBB-E

- sturdy steel construction
- suitable for forklifts
- full-length fork sleeves
- can be secured to prevent slipping from the forks
- with bag stops to prevent the loops from slipping



TBB-E

TBB-W

- sturdy steel construction
- suitable for forklifts
- full-length fork sleeves
- 4 swivel hooks for the bag's lifting loops
- can be secured to prevent slipping from the forks

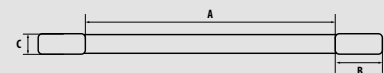


TBB-W

Individual construction on request

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg |
|-------|---------------------------------|------------------------|-----------------|
| TBB | 1100 x 1100 x 215 | 2000 | 38 |
| TBB-E | 650 x 610 x 145 | 1000 | 40 |
| TBB-W | 900 x 945 x 365 | 1250 | 46 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| TBB-E | 70 | 200 | 80 |
| TBB-W | 670 | 130 | 60 |



SHOVELS TYPE BSE / BSM



The original BAUER shovel for handling and transporting bulk materials

- simple pick-up: insert forks
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- special steel blade trim
- sturdy frame
- can be secured to prevent slipping

Types available

BSE

- mechanical

BSM

- mechanical, with trough opening for forks

Individual construction on request e.g.

- hydraulic construction
- other sizes

BSE



BSM

BSE hydraulic construction

Fork sleeve inside dimensions in mm

| | A | B | C |
|--------------------|--------------------------------|-----|----|
| BSE 50 | 480 | 170 | 75 |
| BSE 75 | 580 | 170 | 75 |
| BSE 100 | 680 | 170 | 75 |
| BSE 150-200 | 780 | 200 | 85 |
| BSE 250 | 980 | 200 | 85 |
| BSM 50-250 | Please indicate when ordering! | | |

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Trough inside dim. in mm (l x w x h) | Load capacity in kg | Weight in kg | |
|----------------------|------------------------------------|------------------------------|--------------------------------------|---------------------|--------------|-----|
| | | | | | BSE | BSM |
| BSE / BSM 50 | 0,50 | 1800 x 1170 x 500 (790)* | 1000 x 1100 x 500 | 1000 | 198 | 180 |
| BSE / BSM 75 | 0,75 | 1900 x 1270 x 550 (790)* | 1200 x 1200 x 550 | 1500 | 228 | 210 |
| BSE / BSM 100 | 1,00 | 2000 x 1670 x 650 (790)* | 1300 x 1600 x 650 | 2000 | 320 | 312 |
| BSE / BSM 150 | 1,50 | 2050 x 1870 x 600 (800)* | 1500 x 1800 x 600 | 3000 | 374 | 368 |
| BSE / BSM 200 | 2,00 | 2100 x 2070 x 650 (800)* | 1600 x 2000 x 650 | 3000 | 425 | 413 |
| BSE / BSM 250 | 2,50 | 2100 x 2570 x 650 (800)* | 1600 x 2500 x 650 | 3000 | 484 | 472 |

*height of shovel (incl. release lever)

SHOVEL TYPE BSI



The economic alternative

- simple pick-up: insert forks
- can be emptied at any height by cable operated from the driver's seat
- body with all-round reinforced edging
- special steel blade trim
- sturdy frame
- can be secured to prevent slipping

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Trough inside dim. in mm (l x w x h) | Load capacity in kg | Weight in kg |
|----------------|------------------------------------|------------------------------|--------------------------------------|---------------------|--------------|
| BSI 50 | 0,50 | 1810 x 1330 x 420 (710)* | 1245 x 1250 x 310 | 750 | 183 |
| BSI 75 | 0,75 | 1810 x 1330 x 620 (710)* | 1245 x 1250 x 510 | 1000 | 203 |
| BSI 100 | 1,00 | 1810 x 1330 x 820 (----)* | 1245 x 1250 x 710 | 1500 | 223 |

*height of shovel (incl. release lever)

Fork sleeve inside dimensions in mm

| | A | B | C |
|-------------------|-----|-----|----|
| BSI 50-100 | 480 | 170 | 75 |

| | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|

SHOVEL TYPE DGS



| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h*) | Load capacity in kg | Weight in kg |
|----------|---------------------------------------|----------------------------------|------------------------|-----------------|
| DGS 500 | 0,50 | 1610 x 1050 x 1370 | 1000 | 243 |
| DGS 700 | 0,70 | 1610 x 1210 x 1370 | 1000 | 260 |
| DGS 950 | 0,95 | 1610 x 1610 x 1370 | 1000 | 320 |
| DGS 1200 | 1,20 | 1610 x 2010 x 1370 | 1500 | 360 |

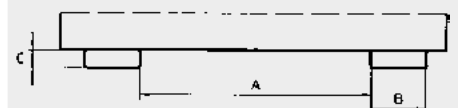
*height of shovel (without hydraulic cylinder)

Hydraulic shovel with double joint and controlled movement

- sturdy frame and shovel with shield trim made of special steel
- optimised load centre
- controlled movement (forwards and backwards)
- emptied hydraulically (operated by the forklift hydraulic system)
- simple pick-up: insert forks
- can be secured to prevent slipping



Fork sleeve inside dimensions in mm



| | A | B | C |
|---------------|-----|-----|----|
| DGS 500 | 300 | 180 | 65 |
| DGS 700 | 360 | 180 | 65 |
| DGS 950, 1200 | 660 | 180 | 65 |

SHOVEL TYPE HVR



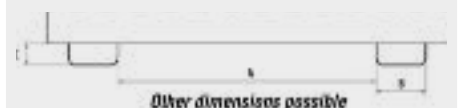
| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg |
|----------|---------------------------------------|---------------------------------|------------------------|-----------------|
| HVR 50 | 0,50 | 1645 x 1230 x 680 | 1600 | 275 |
| HVR 75 | 0,75 | 1670 x 1630 x 685 | 1600 | 326 |
| HVR 80 L | 0,80 | 1705 x 1030 x 925 | 1600 | 310 |
| HVR 100 | 1,00 | 1740 x 1830 x 775 | 2000 | 392 |
| HVR 150 | 1,50 | 1905 x 2030 x 955 | 2500 | 474 |

Hydraulic shovel with 2 cylinders for controlled emptying

- sturdy frame and shovel with steel trim made of special steel
- controlled movement (forwards and backwards)
- emptied hydraulically (operated by the forklift hydraulic system)
- simple pick-up: insert forks
- can be secured to prevent slipping



Fork sleeve inside dimensions in mm



| | A | B | C |
|-------------|-----|-----|----|
| HVR 50-80 L | 420 | 160 | 65 |
| HVR 100-150 | 580 | 195 | 75 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

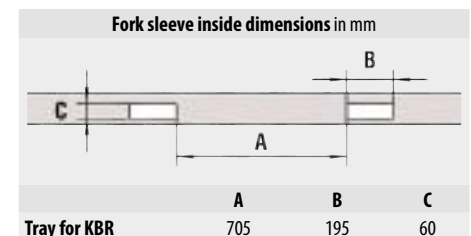
SHEET METAL STORAGE UNITS WITH TRAYS **TYPE KBR**



Space-saving, tidy storage unit for steel sheets or other materials in plate format

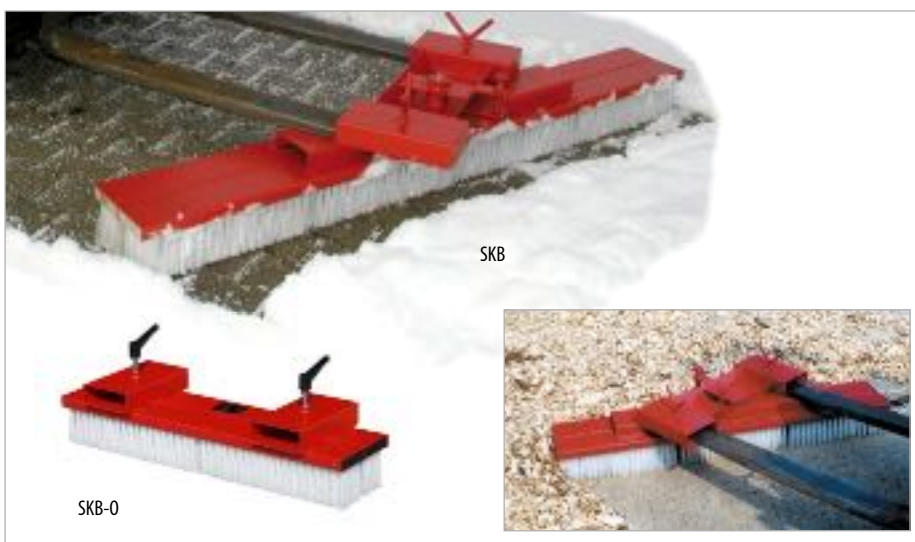
- frame: sturdy steel construction with retainer bar
- 6 steel trays with forks sleeves, for steel sheets measuring up to 3000 x 1500 mm
- max. loading height per tray: 120 mm
- prepared for anchoring to the ground
- 2 units KBR can be stacked i.e. max. 12 trays
- units must be screwed together on site

| | Dimensions in mm (l x w x h) | Load capacity in kg/tray | Weight in kg |
|--------------|---------------------------------|-----------------------------|-----------------|
| KBR 1 | 2240 x 1050 x 1580 | 1000 | 920 |
| KBR 2 | 2740 x 1300 x 1580 | 1000 | 1186 |
| KBR 3 | 3240 x 1550 x 1580 | 1000 | 1472 |



| | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|

BROOM TYPE **SKB**



A quick and economical way to clear parking areas, drives, paths, storage and shop floor areas, yards etc.

- sturdy steel construction
- fork sleeves for pick-up by a forklift truck
- can be secured to prevent slipping
- suitable for pick-up by a forklift trucks, site dumpers and other vehicles equipped with forks
- durable brush elements, can be individually replaced
- spray painted **RAL 3000**

Types available

SKB

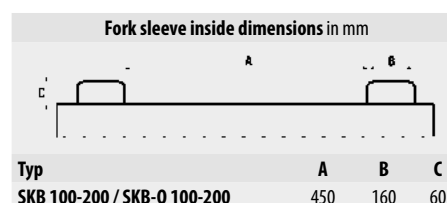
- adjustable: can be positioned to the right or to the left

SKB-0

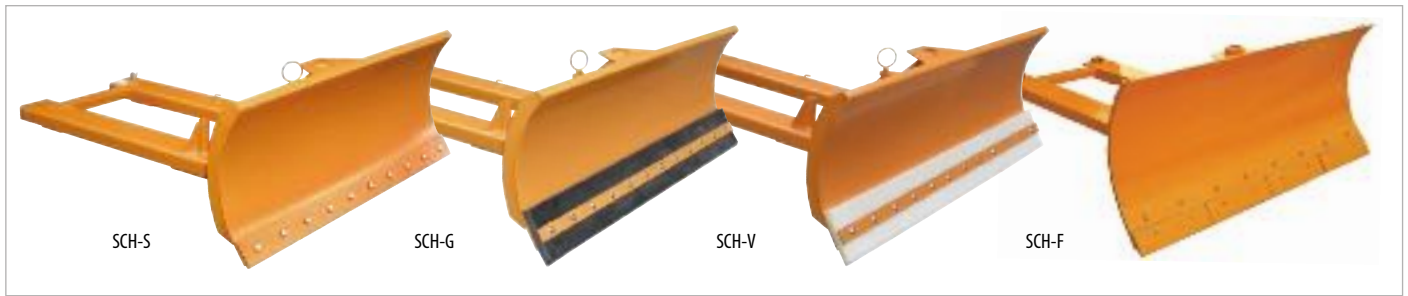
- non-adjustable

Individual construction on request

| | Dimensions in mm (l x w x h) | Weight in kg |
|------------------|---------------------------------|-----------------|
| SKB 100 | 350 x 1000 x 410 | 45 |
| SKB 150 | 350 x 1500 x 410 | 55 |
| SKB 200 | 350 x 2000 x 410 | 65 |
| SKB-0 100 | 305 x 1000 x 360 | 30 |
| SKB-0 150 | 305 x 1500 x 360 | 40 |
| SKB-0 200 | 305 x 2000 x 360 | 50 |



SNOWDOZERS TYPE SCH



SCH-G

These sturdy snowdozers are available in 4 types

- fast pick-up: insert forks
- can be secured to prevent slipping
- adjustable blade; 2 positions, to the right or left
- scraping edge screwed to the blade; quick change possible
- spray painted RAL 2000

Types available

- SCH-G** rubber scraping edge
- SCH-S** steel scraping edge
- SCH-V** polyurethane scraping edge
- SCH-F** spring-loaded scraping edge

Accessories

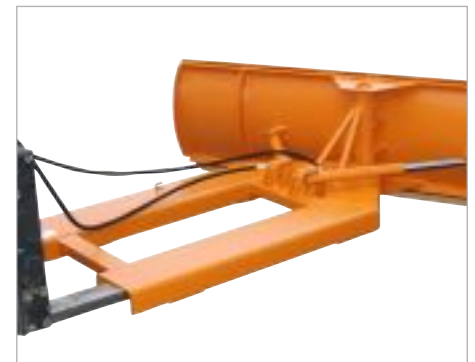
- hydraulic blade adjuster
- Replacement scraping edge:
 - replacement steel scraping edge 1500/1800/2100/2400 x 12 x 100 mm
 - replacement rubber scraping edge 1500/1800/2100/2400 x 30 x 200 mm
 - replacement polyurethane scraping edge 1500/1800/2100/2400 x 30 x 200 mm
 - replacement spring-loaded scraping edge



SCH-G positioned to the right



SCH-G positioned to the left

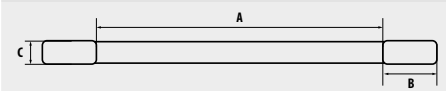


hydraulic blade adjuster

| | Blade width in mm | Clearing width adjustable in mm | Blade height in mm | Weight painted in kg | | | |
|----------------|----------------------|---------------------------------------|--------------------------|-------------------------|-------|-------|-------|
| | | | | SCH-S | SCH-G | SCH-V | SCH-F |
| SCH 150 | 1500 | 1500/1300/1100 | 580*/620/720** | 170 | 172 | 170 | 203 |
| SCH 180 | 1800 | 1800/1600/1300 | 580*/620/720** | 182 | 183 | 182 | 222 |
| SCH 210 | 2100 | 2100/1800/1500 | 580*/620/720** | 232 | 233 | 232 | 278 |
| SCH 240 | 2400 | 2400/2100/1700 | 580*/620/720** | 246 | 247 | 246 | 299 |

* steel scraping edge ** spring-loaded scraping edge

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| SCH 150-180 | 417 | 165 | 60 |
| SCH 210-240 | 416 | 220 | 78 |



SNOWDOZER TYPE SCH-L



An economic alternative

- fast pick-up: insert forks
- can be secured to prevent slipping
- adjustable blade - to the right or to the left
- rubber scraping edge screwed to the blade; quick change possible
- spray painted RAL 2000
- or hot-dip galvanized
- Replacement scraping edges
1500 x 150 x 20 mm (SCH-L 1500)
1800 x 150 x 20 mm (SCH-L 1800)

| | Blade width in mm | Clearing width (adjustable) in mm | Blade height in mm | Weight in kg (painted/galv.) |
|------------|----------------------|--------------------------------------|-----------------------|---------------------------------|
| SCH-L 1500 | 1500 | 1500 / 1300 | 585 | 120 / 129 |
| SCH-L 1800 | 1800 | 1800 / 1550 | 585 | 129 / 139 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|-----------------|-----|-----|----|
| SCH-L 1500/1800 | 410 | 168 | 68 |

SNOW PLOUGHS TYPE SCH-P / SCH-U



This sturdy snow plough automatically compensates uneven surfaces

- pendulum suspension
- shock absorbers
- uneven surfaces are no problem
- easy on the mast
- variable ground leeway thanks to adjustable runners
- adjustable blade; 2 positions, to the right and to the left
- scraping edge screwed to the blade; quick change possible
- spray painted RAL 2000

SCH-P-S

Types available

SCH-P

- fork sleeves above blade

SCH-U

- fork sleeves close to the ground

- ...-S steel scraping edge
- ...-G rubber scraping edge
- ...-V polyurethane scraping edge



SCH-U-S

| | Blade width in mm | Clearing width (adjustable) in mm | Blade height in mm | Weight in kg | | |
|-----------------------|----------------------|--------------------------------------|-----------------------|--------------|------------|------------|
| | | | | Type ...-S | Type ...-G | Type ...-V |
| SCH-P 150 / SCH-U 150 | 1500 | 1500/1300/1100 | 620 | 195 | 200 | 197 |
| SCH-P 180 / SCH-U 180 | 1800 | 1800/1600/1300 | 620 | 206 | 212 | 209 |
| SCH-P 210 / SCH-U 210 | 2100 | 2100/1800/1500 | 620 | 228 | 235 | 231 |
| SCH-P 240 / SCH-U 240 | 2400 | 2400/2100/1700 | 620 | 252 | 260 | 256 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|------------------|-----|-----|----|
| SCH-P/-U 150-180 | 412 | 165 | 60 |
| SCH-P/-U 210-240 | 412 | 215 | 75 |

GRITTER TYPE SH



SH with tarpaulin

| | Funnel volume approx. in l | Max. gritting range in m | Min. oil consumption in l/min | Max. output in l/min | Load capacity in kg | Weight in kg |
|----|-------------------------------|-----------------------------|----------------------------------|-------------------------|------------------------|-----------------|
| SH | 265 | 9 | 15 | 80 | 500 | 115 |

Suitable for salt, sand and grit

- driven by the forklift hydraulic system
- variable gritting range; can be adjusted by varying height and angle of inclination of mast
- stirring mechanism
- protective grating
- fork sleeves for pick-up by a forklift truck
- spray painted **RAL 2000**

Accessories

- tarpaulin

Fork sleeve inside dimensions in mm

| | A | B | C |
|----|-----|-----|----|
| SH | 670 | 200 | 70 |

SPREADER TYPE STW



STW 100 with tarpaulin



STW 260

Suitable for salt and sand

- can be towed by a forklift truck or small traction engine etc.
- with solid rubber tyres (type STW 100) or with pneumatic tyres (type STW 260)
- wheel motion activates spread
- with lever to adjust spreading width and direction
- funnel spray painted **RAL 3000**

Accessories

- tarpaulin



Snowdozer SCH-G with an STW 100

| | Funnel volume approx. in l | Finish funnel | Max. gritting range in m | Load capacity in kg | Weight in kg |
|---------|----------------------------|---------------|--------------------------|---------------------|--------------|
| STW 100 | 105 | painted | 6 | 135 | 28 |
| STW 260 | 260 | painted | 12 | 340 | 84 |

FORKLIFT SAFETY CAGES TYPE SIKO



SIKO

| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg | Fork sleeve inside dimensions in mm | | |
|--------|---------------------------------|---------------------|---------------------------------|-----------------|-------------------------------------|-----|----|
| | | | | | A | B | C |
| SIKO | 1090 x 1200 x 1885 | 800 x 1200 | 300 | 90 | 600 | 200 | 80 |
| SIKO/L | 1295 x 810 x 1885 | 1200 x 800 | 300 | 96 | 160 | 200 | 80 |

Forklift Safety Cages ensure safety for repairs and maintenance work

- sturdy construction made of steel tubing
- non-slip working platform
- number of persons permitted: 2
- full-length fork sleeves with safety mechanism to prevent slipping
- plate to guard against incorrect pick-up; ensures the forks are driven into the fork sleeves
- "DGUV" compliant (German Use of Work Equipment Directive) and approved by the German Association for Technical Inspection "TÜV")

Types available

SIKO

- picked up broadside by a forklift truck
- galvanized tool deposit

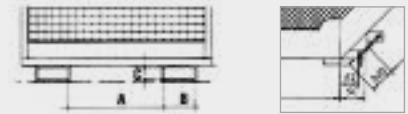
SIKO/L

- picked up lengthwise by a forklift truck (narrow base)
- galvanized tool deposit

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 225 mm

Fork sleeve inside dimensions in mm



FORKLIFT SAFETY CAGE TYPE SIKO-M



| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg | Fork sleeve inside dimensions in mm | | |
|--------|---------------------------------|---------------------|---------------------------------|-----------------|-------------------------------------|-----|----|
| | | | | | A | B | C |
| SIKO-M | 1040 x 835 x 1900 | 740 x 740 | 240 | 58 | 280 | 200 | 80 |

The economic alternative

- sturdy construction made of steel tubing
- non-slip working platform
- number of persons permitted: 2
- fork sleeves with safety mechanism to prevent slipping
- galvanized tool deposit
- "DGUV" compliant (German Use of Work Equipment Directive) and approved by the German Association for Technical Inspection "TÜV")



Secured by bolt to prevent slipping

Fork sleeve inside dimensions in mm



Finish:

RAL 2000

ACCESS SAFETY PLATFORMS TYPE MB-D / MB-F / MB-K



MB-D



MB-D/L



MB-K-IV



MB-F

Access Safety Platforms ensure safety for repairs and maintenance work



- number of persons permitted: 2
- fork sleeves with safety mechanism to prevent slipping
- "DGUV" compliant (German Use of Work Equipment Directive) and approved by the German Association for Technical Inspection "TÜV")

Types available

MB-D

- picked up broadside by a forklift truck
- galvanized tool deposit

MB-D/L

- picked up lengthwise by a forklift truck (narrow base)
- galvanized tool deposit

MB-F

- folding construction
- in just a few steps the platform is ready for use
- galvanized tool deposit
- picked up broadside by a forklift truck

MB-K-IV

- according to DIN EN 14502-1
- load capacity 300 kg
- support legs, 135 mm ground leeway
- galvanized roof
- galvanized tool deposit inside
- standard includes a 4-leg chain
- pick up by crane
- PPE anchor points (personal protective equipment)

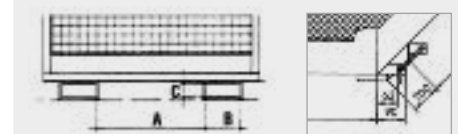
Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 220 mm (not type MB-K-IV)
- PPE anchor points (personal protective equipment) not type MB-K-IV or MB-F



PPE anchor points (personal protective equipment)

Fork sleeve inside dimensions in mm



| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg (painted/galv.) | A | B | C |
|---------|---------------------------------|---------------------|---------------------------------|---------------------------------|-----|-----|----|
| MB-D | 1040 x 1210 x 1890 | 800 x 1200 | 300 | 120 / 132 | 600 | 200 | 80 |
| MB-D/L | 1290 x 805 x 1890 | 1200 x 800 | 300 | 120 / 132 | 160 | 200 | 80 |
| MB-F | 1100 x 1210 x 1895 | 1000 x 1200 | 300 | 120 / 132 | 600 | 200 | 80 |
| MB-K-IV | 800 x 1200 x 2305 | 800 x 1200 | 470 | 170 / 183 | - | - | - |

Finish:

RAL 2000

hot-dip galvanized

ACCESS SAFETY PLATFORM TYPE MB-II



MB-II pick-up broadside

MB-II pick-up lengthwise

Can be picked up by a forklift either broadside or lengthwise (narrow base); "stop" plates block the fork pockets not in use.

- sturdy construction made of square tube
- picked up broadside or lengthwise (narrow base)
- non-slip floor plate
- number of persons permitted: 2
- fork sleeves with safety mechanism to prevent slipping
- two folding mesh back screens
- "stop" plates block the fork pockets not in use
- galvanized tool deposit
- "DGUV" compliant (German Use of Work Equipment Directive) and approved by the German Association for Technical Inspection "TÜV")

Accessories

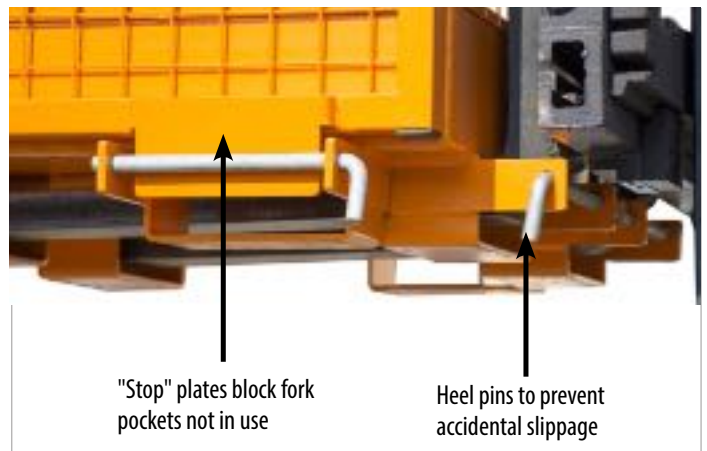
- 2 swivel + 2 fixed polyamide castors
Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- PPE anchor point (personal protective equipment)



Safety chains to secure folding mesh back screens

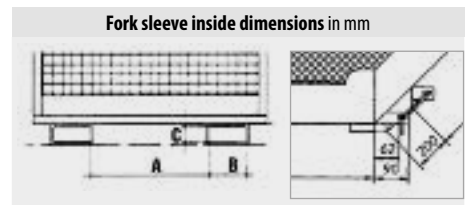


Folding mesh back screens help save storage space



"Stop" plates block fork pockets not in use

Heel pins to prevent accidental slippage



| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg (painted/galv.) | Fork sleeve inside dimensions in mm | | |
|--------------|---------------------------------|---------------------|---------------------------------|---------------------------------|-------------------------------------|------------|----------|
| | | | | | A | B | C |
| MB-II | 1040 x 1300 x 2155 | 800 x 1200 | 300 | 127 / 136 | 600 190 | 200 200 | 80 80 |

| | | |
|----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | hot-dip galvanized |
|----------------|-----------------|---------------------------|

ACCESS SAFETY PLATFORM TYPE MB-I



MB-I with straddle stacker



MB-I secured to the forklift by chain



Safety mechanism for a straddle stacker



Secured by bolt to prevent slipping from the forklift truck



PPE anchor point (personal protective equipment)

| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg | Fork sleeve inside dimensions in mm | | |
|------|---------------------------------|---------------------|---------------------------------|-----------------|-------------------------------------|-----|----|
| | | | | | A | B | C |
| MB-I | 775 x 800 x 2050 | 645 x 650 | 180 | 60 | 165 | 210 | 85 |

Access Safety Platform for straddle stackers or forklifts that ensure safety for repairs and maintenance work at height

- number of persons permitted: 1
- "DGUV" compliant (German Use of Work Equipment Directive) and approved by the German Association for Technical Inspection "TÜV")
- fork sleeves
- safety mechanism to prevent slippage for both straddle stackers and forklift trucks
- galvanized tool deposit
- 4 support legs
- finish: painted **RAL 2000**

Types available

MB-I

- as described above

MB-I/A

- PPE anchor point (personal protective equipment)

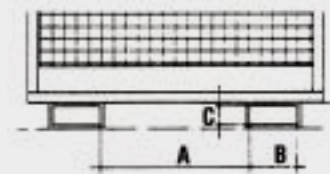
Accessories

- PPE anchor point (personal protective equipment) (MB-I)



TÜV Austria

Fork sleeve inside dimensions in mm



ACCESS SAFETY PLATFORM TYPE MB-ST



MB-ST



MB-ST/T

| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg (painted/galv.) | Fork sleeve inside dimensions in mm | | |
|-----------|---------------------------------|---------------------|---------------------------------|---------------------------------|-------------------------------------|-----|----|
| | | | | | A | B | C |
| MB-ST | 1040 x 1335 x 1890 | 800 x 1200 | 300 | 130 / 142 | 600 | 200 | 80 |
| MB-ST-L | 1300 x 930 x 1890 | 1200 x 800 | 300 | 136 / 146 | 160 | 200 | 80 |
| MB-ST/T | 1050 x 1415 x 1890 | 800 x 1200 | 300 | 140 / 151 | 600 | 200 | 80 |
| MB-ST/T-L | 930 x 1375 x 1890 | 1200 x 800 | 300 | 136 / 146 | 160 | 200 | 80 |

For work at height such as storage and retrieval operations or stocktaking

- number of persons permitted: 1
- fork sleeves with safety mechanism to prevent slipping
- galvanized tool deposit

Types available

MB-ST

- two-hand control switch, flash light, cable retractor with 8 m cable, plug, socket and spare plug
- picked up broadside by a forklift truck

MB-ST-L

- like the MB-ST, but picked up lengthwise (narrow base)

MB-ST/T

- similar to type MB-ST, but with circuit breaker for the door
- all-round safety mesh

MB-ST/T-L

- like the MB-ST/T but picked up lengthwise (narrow base)

Accessories

- PPE anchor point (personal protective equipment)

Finish:

RAL 2000

hot-dip galvanized

ACCESS SAFETY PLATFORMS TYPE MB-A / MB-B



MB-A



MB-A/L



MB-A/D



MB-A/D/L



MB-B



MB-B/L

Access Safety Platforms ensure safety for repairs and maintenance work

- number of persons permitted: 2
- fork sleeves with safety mechanism to prevent slipping
- galvanized tool deposit

Types available

MB-A

TÜV Austria

- certified by "TÜV" Austria
- picked up broadside by a forklift truck
- PPE anchor points for protective equipment according to the current Austrian "ÖNORM" standard



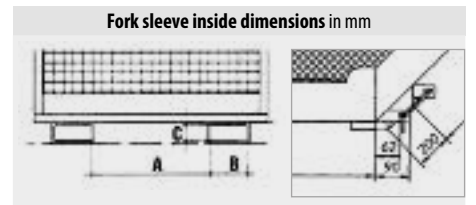
- MB-A/L: picked up lengthwise (narrow base)
- MB-A/D: with roof, picked up broadside
- MB-A/D/L: with roof, picked up lengthwise (narrow base)

MB-B

- with automatic door latch
- picked up broadside by a forklift truck
- MB-B/L: picked up lengthwise (narrow base)

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 225 mm
- PPE anchor points (personal protective equipment)



| | Dimensions in mm (l x w x h) | Floor area in mm | Total permitted weight in kg | Weight in kg (painted/galv.) | A | B | C |
|----------|---------------------------------|---------------------|---------------------------------|---------------------------------|-----|-----|----|
| MB-A | 1050 x 1200 x 2090 | 800 x 1200 | 300 | 135 / 145 | 600 | 200 | 80 |
| MB-A/L | 1300 x 825 x 2090 | 1200 x 800 | 300 | 135 / 145 | 160 | 200 | 80 |
| MB-A/D | 1050 x 1215 x 2105 | 800 x 1200 | 300 | 157 / 167 | 600 | 200 | 80 |
| MB-A/D/L | 1300 x 825 x 2105 | 1200 x 800 | 300 | 157 / 167 | 160 | 200 | 80 |
| MB-B | 1045 x 1210 x 1890 | 800 x 1200 | 300 | 130 / 139 | 600 | 200 | 80 |
| MB-B/L | 1290 x 805 x 1890 | 1200 x 800 | 300 | 130 / 139 | 160 | 200 | 80 |

Finish:

RAL 2000

hot-dip galvanized

EXTENSIBLE CRANE ARMS TYPE KT / KTH



A crane arm increases the reach of the forklift truck

- steel construction
- secured by chain to prevent slipping

Extensible constructions

- extension arm is positioned inside the shell and can be extended in 8 steps to reach full length; locked in position using the pin provided
- 14 possible positions; 2 swivel hooks

KT

- rigid construction

KTH

- variable working height, can be fixed in each of the positions using the pin provided
- a choice of 3 angles: 15°, 30° or 45°

Fixed-length constructions

- 5 possible positions; 1 swivel hook

KT-K

- rigid construction

KTH-K

- variable working height, can be fixed in each of the positions using the pin provided
- a choice of 3 angles: 15°, 30° or 45°

Accessories

- hydraulic extension function (max. 1000 mm, for KT and KTH)



Hydraulic extension function (KTH)

KTH extended and at an elevated working height

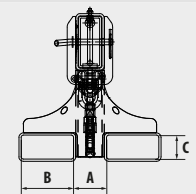


KT-K



KTH-K at an elevated working height

Fork sleeve inside dimensions in mm



| | A | B | C |
|---------------------|-----|-----|----|
| KT 2,5 / KT-K 2,5 | 106 | 184 | 84 |
| KT 5,0 / KT-K 5,0 | 116 | 184 | 84 |
| KTH 2,5 / KTH-K 2,5 | 156 | 184 | 84 |
| KTH 5,0 / KTH-K 5,0 | 166 | 184 | 84 |

| | Position | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | Dimensions l x w x h | Weight |
|-----------|---------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----------------------|--------------------|
| | Distance in mm | 710 | 1000 | 1290 | 1590 | 1870 | 2055 | 2255 | 2455 | 2655 | 2855 | 3055 | 3255 | 3455 | 3655 | in mm | paint./galv. in kg |
| KT-K 2,5 | Load capacity in kg | 2500 | 2500 | 2500 | 1800 | 1400 | - | - | - | - | - | - | - | - | - | 2000 x 490 x 480 | 135 / 145 |
| KT 2,5 | Load capacity in kg | 2500 | 2500 | 2500 | 1800 | 1400 | 1200 | 1050 | 950 | 850 | 770 | 700 | 650 | 600 | 560 | 2160 x 490 x 480 | 175 / 188 |
| KT-K 5,0 | Load capacity in kg | 5000 | 3550 | 2750 | 2250 | 1950 | - | - | - | - | - | - | - | - | - | 2000 x 500 x 520 | 160 / 172 |
| KT 5,0 | Load capacity in kg | 5000 | 3550 | 2750 | 2250 | 1950 | 1700 | 1550 | 1400 | 1300 | 1200 | 1150 | 1050 | 1000 | 950 | 2160 x 500 x 520 | 210 / 226 |
| | Distance in mm | 695 | 990 | 1285 | 1580 | 1825 | 2090 | 2290 | 2490 | 2690 | 2890 | 3090 | 3290 | 3490 | 3690 | | |
| KTH-K 2,5 | Load capacity in kg | 2500 | 2500 | 2500 | 1800 | 1400 | - | - | - | - | - | - | - | - | - | 2050 x 540 x 560 | 160 / 172 |
| KTH 2,5 | Load capacity in kg | 2500 | 2500 | 2500 | 1800 | 1400 | 1200 | 1050 | 950 | 850 | 770 | 700 | 650 | 600 | 560 | 2200 x 540 x 560 | 203 / 218 |
| KTH-K 5,0 | Load capacity in kg | 5000 | 3550 | 2750 | 2250 | 1950 | - | - | - | - | - | - | - | - | - | 2050 x 550 x 600 | 184 / 198 |
| KTH 5,0 | Load capacity in kg | 5000 | 3550 | 2750 | 2250 | 1950 | 1700 | 1550 | 1400 | 1300 | 1200 | 1150 | 1050 | 1000 | 950 | 2200 x 550 x 600 | 235 / 253 |

Remember to check the load capacity of the forklift truck in question!

Finish:

RAL 2000

RAL 3000

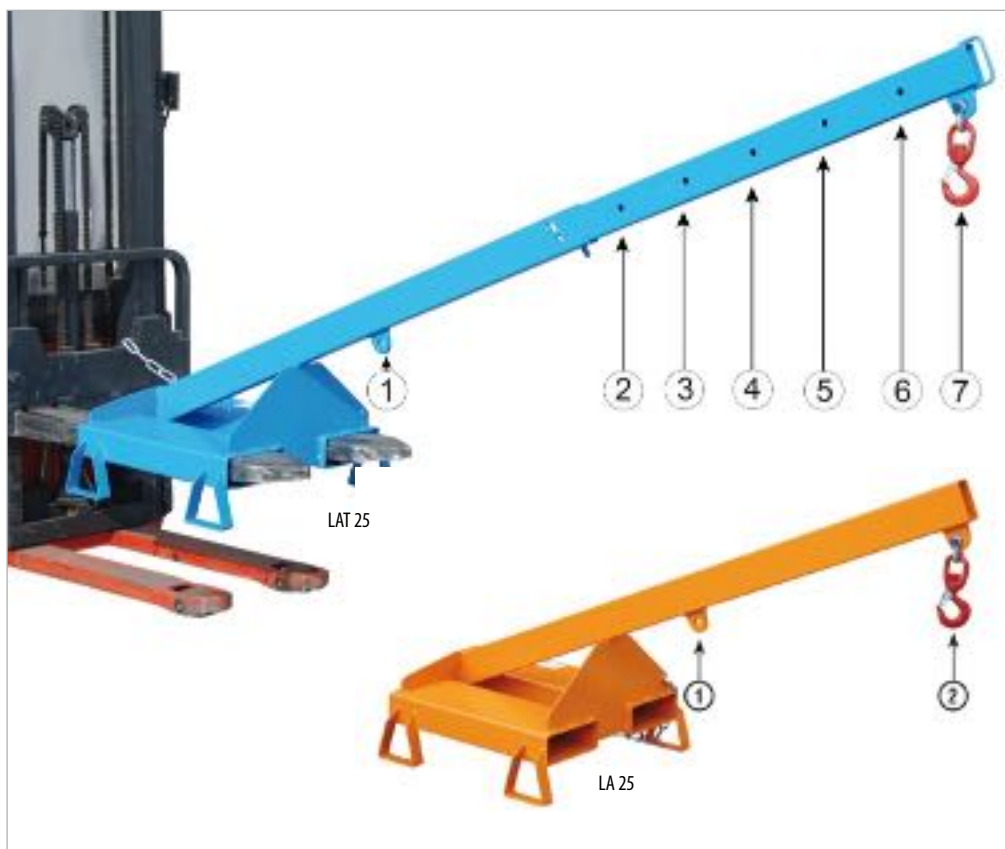
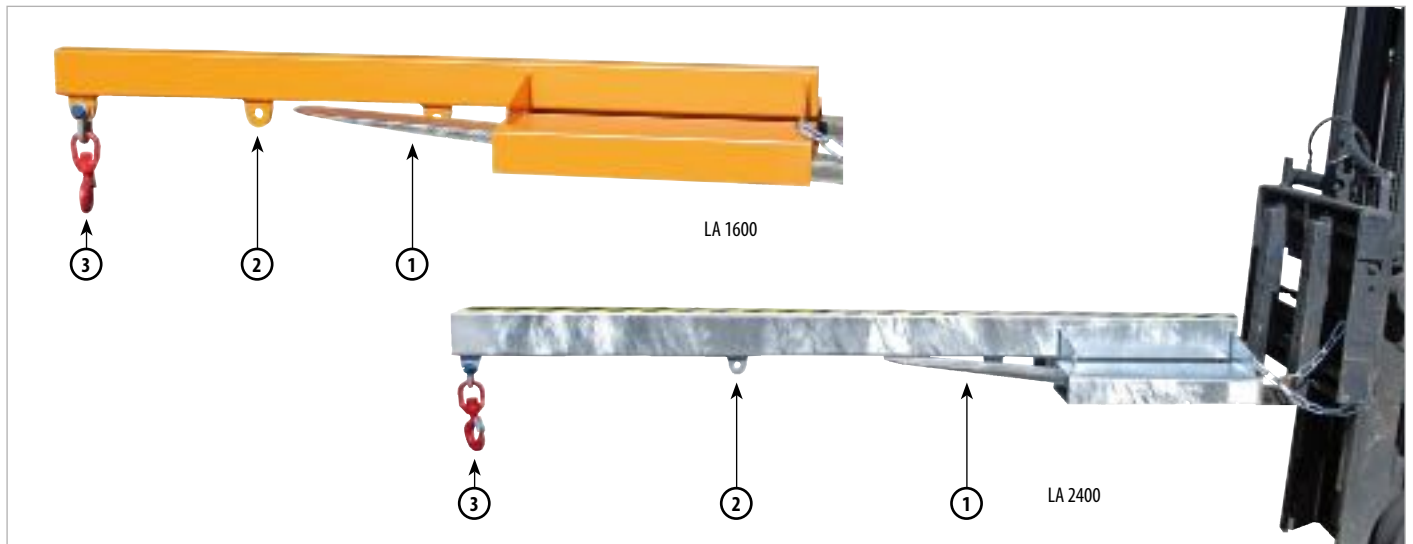
RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

LOADING ARMS TYPE LA / LAT



A loading arm increases the reach of the forklift truck

- steel construction
- fork sleeves for pick-up by a forklift
- also suitable for straddle stackers
- secured by chain to prevent slipping
- 1 swivel hook

Types available

LA 1600/2400

- rigid construction

LA 25

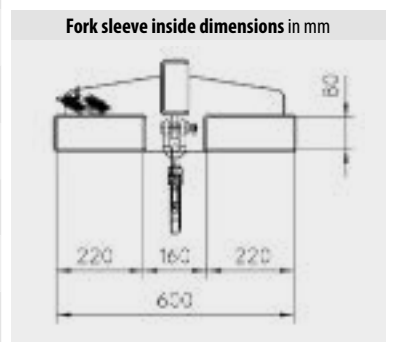
- rigid construction
- inclination 25°
- with support legs, 100 mm ground leeway

LAT 25

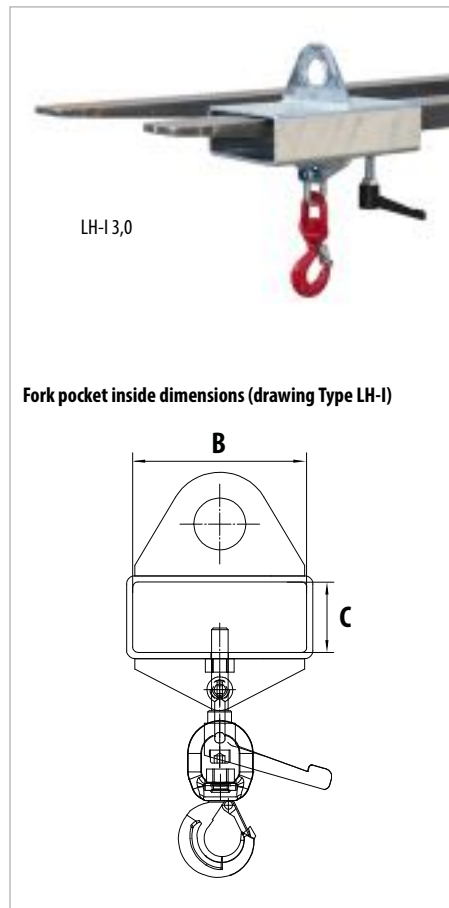
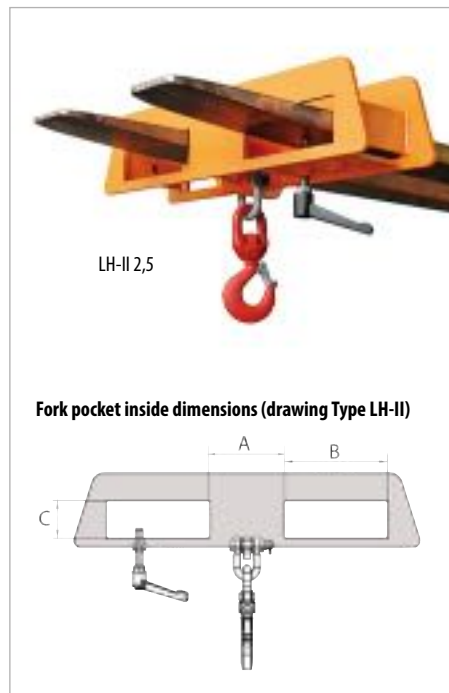
- inclination 25°
- extensible, can be fixed in each position using the pin provided
- with support legs, 100 mm ground leeway

| | Basic length in mm | Position | ① | ② | ③ | ④ | ⑤ | ⑥ | ⑦ | Weight in kg (paint./galv.) |
|-------------|-----------------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|--------------------------------|
| | | | distance in mm | max. load in kg | distance in mm | max. load in kg | distance in mm | max. load in kg | distance in mm | |
| LA 1600-1,0 | 1600 | distance in mm | 780 | 1165 | 1550 | | | | | 42 / 46 |
| | | max. load in kg | 1000 | 350 | 200 | | | | | |
| LA 2400-1,0 | 2400 | distance in mm | 780 | 1565 | 2350 | | | | | 49 / 53 |
| | | max. load in kg | 1000 | 200 | 100 | | | | | |
| LA 1600-2,5 | 1600 | distance in mm | 780 | 1165 | 1550 | | | | | 73 / 79 |
| | | max. load in kg | 2500 | 850 | 500 | | | | | |
| LA 2400-2,5 | 2400 | distance in mm | 780 | 1565 | 2350 | | | | | 88 / 94 |
| | | max. load in kg | 2500 | 500 | 250 | | | | | |
| LA 1600-5,0 | 1600 | distance in mm | 780 | 1165 | 1550 | | | | | 104 / 112 |
| | | max. load in kg | 5000 | 1700 | 1000 | | | | | |
| LA 2400-5,0 | 2400 | distance in mm | 780 | 1565 | 2350 | | | | | 124 / 132 |
| | | max. load in kg | 5000 | 1000 | 500 | | | | | |
| LA 25-1,0 | 1600 | distance in mm | 875 | 1600 | | | | | | 47 / 51 |
| | | max. load in kg | 1000 | 300 | | | | | | |
| LAT 25-1,0 | 1600 | distance in mm | 875 | 1600 | 1780 | 1960 | 2140 | 2320 | 2500 | 55 / 59 |
| | | max. load in kg | 1000 | 300 | 225 | 200 | 175 | 150 | 125 | |

Remember to check the load capacity of the forklift in question!



CRANE HOOK TYPE LH



Pick up and transport heavy loads safely

Types available

LH-I

- picked up on 1 fork or by crane
- can be secured to prevent slipping
- with swivel hook
- various load capacities

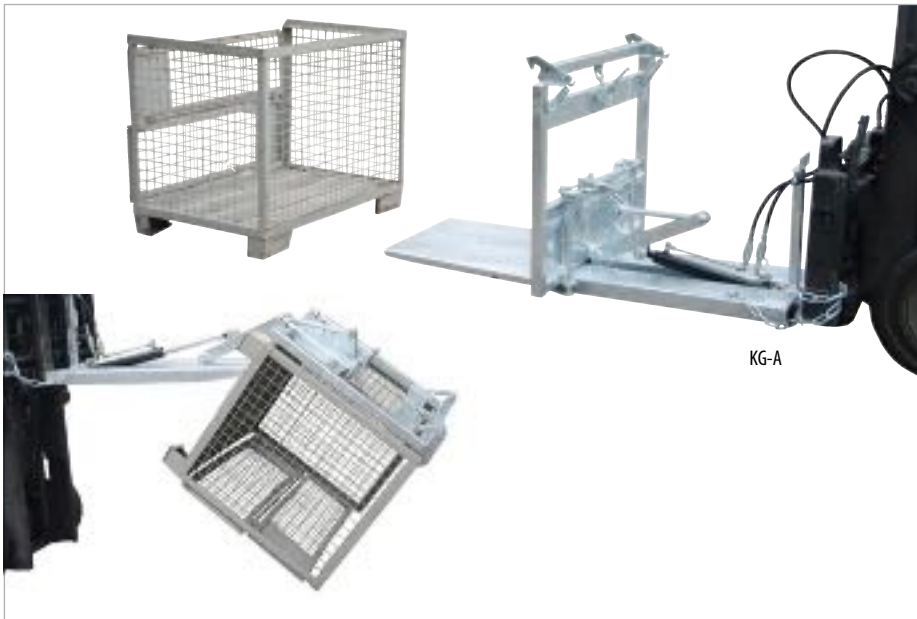
LH-II

- picked up on 2 forks (also suitable for straddle stackers)
- clamping lever to prevent slippage; can be fixed in 3 different positions, suitable for various fork widths
- with swivel hook
- various load capacities



| | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) | Fork pocket inside dimensions in mm | | |
|-----------|------------------------|---------------------------------|---------------------------------|-------------------------------------|-----|----|
| | | | | A | B | C |
| LH-I 1,0 | 1000 | 300 x 180 x 395 | 9 / 10 | - | 168 | 68 |
| LH-I 1,5 | 1500 | 300 x 180 x 420 | 9 / 10 | - | 168 | 68 |
| LH-I 2,0 | 2000 | 300 x 180 x 420 | 10 / 11 | - | 168 | 68 |
| LH-I 2,5 | 2500 | 300 x 180 x 455 | 10 / 11 | - | 168 | 68 |
| LH-I 3,0 | 3000 | 300 x 180 x 465 | 11 / 12 | - | 168 | 68 |
| LH-II 1,5 | 1500 | 170 x 750 x 385 | 21 / 23 | 160 | 220 | 80 |
| LH-II 2,5 | 2500 | 170 x 750 x 425 | 22 / 24 | 160 | 220 | 80 |
| LH-II 5,0 | 5000 | 180 x 750 x 490 | 31 / 34 | 160 | 220 | 80 |
| LH-II 7,5 | 7500 | 180 x 750 x 555 | 35 / 38 | 160 | 220 | 80 |

KIPPOMAT TYPE KG / KM



For transporting, emptying and cleaning Euro pallet cages manufactured to DIN 15155

- similar to type KM, except that the pallet cage is securely locked in position by a clamping fixture
- finish **galvanised**

Types available

KG-A

- emptied hydraulically (operated by the forklift hydraulic system)

KG-B

- emptied manually; fitted with an adjustable dumping brake

KG-C

- emptied manually

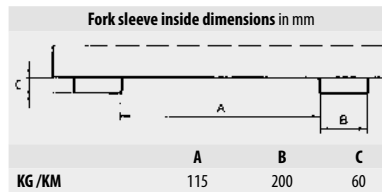
KM

The KM is an indispensable aid for transporting, emptying and cleaning large volume wheelie bins (1100 litres with 4 wheels) and manufactured to DIN EN 840-3

- sturdy frame with fork sleeves and tipping mechanism
- can be secured to prevent slipping
- 2 bolts (for steel bins) 2 folding fixing arms (for plastic bins) secure the bins during emptying
- a steel cable holds the lid open
- emptied hydraulically, operated by the forklift hydraulic system; operating pressure: min. 130 bars
- controlled movement (forwards and backwards)
- stepless capacity regulation valve controls emptying speed
- fixture to hook up hydraulic hoses, steel cable and safety chain
- finish **galvanised**



| | Dimensions in mm (l x w x h) | Tilting angle in degrees | Max. load capacity in kg | Weight in kg |
|------|---------------------------------|-----------------------------|-----------------------------|-----------------|
| KG-A | 1845 x 1160 x 1020 | 135 | 500 | 200 |
| KG-B | 1845 x 1160 x 1020 | 135 | 500 | 195 |
| KG-C | 1845 x 1160 x 1020 | 160 | 500 | 160 |
| KM | 1845 x 1370 x 960 | 135 | 600 | 177 |



TIPPING EQUIPMENT TYPE KGM



Easy to use with any forklift truck

- mechanical
- can be emptied at any height by cable operated from the driver's seat
- easily attached to the forklift; immediately ready for operation
- can be secured to prevent slipping

Accessories

- adjustable dumping brake

Manufactured to your container specification.

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

WHEELIE BIN JACK TYPE MH



MH-III

MH-II with 1100 litre wheelie bin

| | Max. no. of 80-360 l wheelie bins | Max. no. of 1100 l wheelie bins | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|--------|--------------------------------------|------------------------------------|---------------------------------|------------------------|-------------------------|
| MH-I | 1 | - | 1030 x 585 x 680 | 200 | 65 |
| MH-II | 2 | 1 | 1030 x 1070 x 680 | 400 | 71 |
| MH-III | 3 | - | 1030 x 1595 x 680 | 600 | 79 |

A safe and efficient way to transport wheelie bins

- sturdy frame with fork sleeves
- rubber guard(s) to prevent damage to wheelie bin(s)
- gripping mechanism screwed to frame
- available for 1, 2 or 3 wheelie bins
- can be secured to prevent slipping

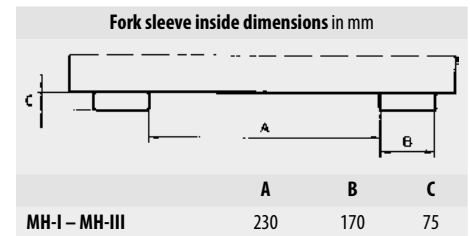
Types available

MH-I and MH-III

- for wheelie bins manufactured to DIN EN 840-1, for plastic wheelie bins (80 - 360 litre) and 240 litre metal wheelie bins

MH-II

- for 1100 litres wheelie bins, pick-up comb



WHEELIE BIN TIPPING STATION TYPE MKS



MKS-H

MKS-12V

MKS-F

For emptying and cleaning 120/240 litre wheelie bins

- hydraulic or electric drive
- approx. 39 strokes required for hydraulic operation
- tilting angle up to 135°
- emptying height approx. 1480 mm
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, both swivel castors with brake
- construction height 225 mm

Types available

MKS-F

- with foot pump

MKS-H

- with hand pump

MKS-12V

- electro-hydraulic 12 V (without charger)

MKS-230V

- electro-hydraulic 230 V

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|----------|---------------------------------|------------------------|-------------------------|
| MKS-F | 1570 x 980 x 1720 | 110 | 115 |
| MKS-H | 1570 x 980 x 1720 | 110 | 115 |
| MKS-12V | 1570 x 880 x 1720 | 110 | 154 |
| MKS-230V | 1570 x 880 x 1720 | 110 | 141 |

Accessories

- external battery charger for electro-hydraulic 12V drive

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

BIN EMPTIER TYPE SV



Emptying Set in use on site

A safe and efficient way of emptying 120 litre wheelie bins - easy on the back

- bin emptier suitable for Tilting Container type GU 1000 and type GU 1500 (please refer to page 9) without castors
- is hooked over the front edge of a tilting container
- safety fastening
- gas compression springs make light work of emptying



Hook the unit in place....



...steer the bin into position...



...tilt the unit and empty the bin - it's easy!

| | Volume (approx.) in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|---------|---------------------------------------|---------------------------------|------------------------|-------------------------|
| SV 1000 | | 1035 x 705 x 695 | 60 | 16 |
| SV 1500 | | 1035 x 705 x 945 | 60 | 16 |
| GU 1000 | 1,00 | 1640 x 1280 x 780 | 1500 | 184 |
| GU 1500 | 1,50 | 1640 x 1280 x 1090 | 1500 | 215 |

WHEELIE BIN TIPPER TYPE MK



For emptying and cleaning 80/120 or 240 litre wheelie bins

- sturdy steel construction
- fork sleeves for pick-up by a forklift
- suitable for pick-up by forklifts, site dumpers and other vehicles with forks
- can be secured to prevent slipping and unintentional emptying
- self-locking hooks hold the wheelie bin securely in place during emptying

| | Max. no. of wheelie bins x litres | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|--------|--------------------------------------|---------------------------------|------------------------|-------------------------|
| MK 120 | 1 x 80/120 | 1000 x 930 x 925 | 250 | 61 |
| MK 240 | 1 x 240 | 1000 x 1020 x 1060 | 250 | 66 |

Fork sleeve inside dimensions in mm

| | A | B | C |
|--------|-----|-----|----|
| MK 120 | 580 | 170 | 75 |
| MK 240 | 670 | 170 | 75 |

| | | | | | |
|---------|----------|----------|----------|----------|----------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 |
|---------|----------|----------|----------|----------|----------|

FORKLIFT TENDER SYSTEM TYPE STS



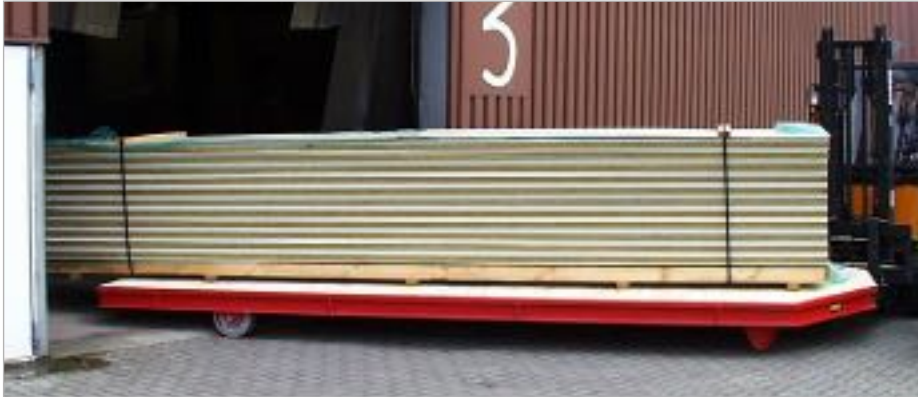
STS with anti-slip "Betosieb" boards

Optimises material handling with a forklift. Routes can be better organised, more efficient use, i.e. higher load capacity per route

- sturdy frame made of steel tubing
- loading surface: either wooden or "Betosieb" boards
- slewing ring with fork sleeves and anti-slip feature
- 2 supporting feet
- 2 heavy duty wheels Ø 300 x 100 mm

Individual construction on request

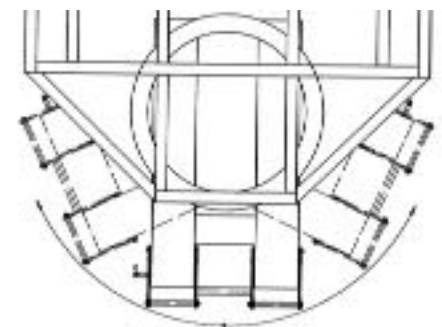
- e.g. superstructures such as additional plug-in level, stakes, drop sides, shelving, sump trays



Transporting long materials; tight turning circle (direct pick-up)



STS with stakes



Slewing ring with fork sleeves



Used to transport extremely heavy and bulky components; 12 m long, load capacity 20 t

| | Dimensions in mm (l x w x h) | Loading surface in mm (l x w) | Load capacity in kg | Weight painted in kg |
|---------|---------------------------------|----------------------------------|------------------------|-------------------------|
| STS 2,5 | 3625 x 2000 x 365 | 2500 x 2000 | 5000 | 570 |
| STS 5,0 | 6125 x 2000 x 365 | 5000 x 2000 | 5000 | 875 |

Customized dimensions and other load capacities available on request!

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|-----|
| | A | B | C |
| STS 2,5-5,0 | 310 | 200 | 124 |

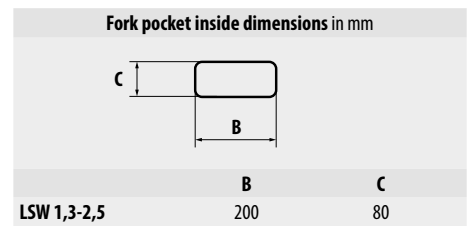
LONG MATERIAL SIDECAR **TYPE LSW**



Sidecar with fold-out fork pockets for transporting long material

- sturdy steel construction
- fold-out fork pockets
- four plug-in stakes
- pick up to the side of the forklift
- set of 4 polyamide swivel castors, 2 of them with a brake

Individual construction on request



| | Dimensions fork pockets upright in mm | Dimensions fork pockets folded out in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|--|---|------------------------|---------------------------------|
| LSW 1,3 | 2070 x 1090 x 730 | 2070 x 1300 x 730 | 1350 | 82 / 88 |
| LSW 2,5 | 2070 x 1090 x 730 | 2070 x 1300 x 730 | 2550 | 82 / 88 |

LONG MATERIAL CARRIER **TYPE LGT**



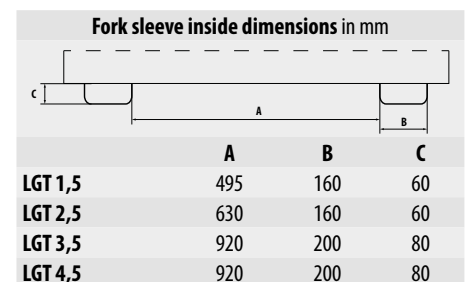
Ideal for transporting otherwise unsteady or long loads such as plastic pipes or long material

- sturdy steel construction
- forks quickly and easily inserted
- secured with a bolt to prevent accidental slipping

Individual construction on request



Safety bolt



| | Dimensions (l x w x h) in mm | Useable length in mm | Load capacity in kg | Weight in kg (painted/galv.) |
|---------|---------------------------------|-------------------------|------------------------|---------------------------------|
| LGT 1,5 | 1390 x 2000 x 280 | 1200 | 1500 | 207 / 223 |
| LGT 2,5 | 1390 x 3000 x 280 | 1200 | 2500 | 243 / 262 |
| LGT 3,5 | 1410 x 4000 x 300 | 1200 | 3500 | 315 / 339 |
| LGT 4,5 | 1410 x 5000 x 300 | 1200 | 4500 | 350 / 377 |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

LONG LOAD HANDLER TYPE LSL



Load from 2 sides; makes light work of handling long loads - easy to load and unload

- sturdy steel construction
- pick-up from 2 sides
- forks easily inserted
- can be secured to prevent slipping from forks
- 2 lashing straps to secure the load



Securely held . . .



...by lashing straps



Picking up long material



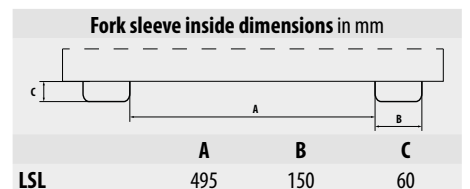
Position: load at the front for loading and unloading



You can't pass through a gate with long material unless you have an LSL!



Use the LSL for long material and easily pass through gates or navigate narrow aisles



| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|-----|--|-------------------------------|--|
| LSL | 1465 x 1100 x 145 | 750 | 104/112 |

| | | | | | | |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------------------|

PLATFORM FOR OFF-CUTS TYPE RGP



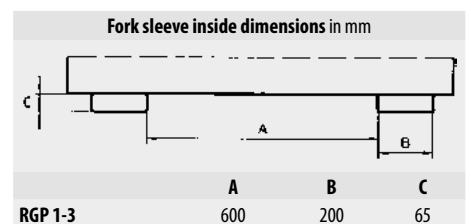
Platform used to collect and tip out materials such as off-cut grid, chip board, sheet metal

- sturdy platform with fork sleeves
- can be emptied at any height by cable operated from the driver's seat
- can be secured to prevent slipping and unintentional emptying

Individual construction on request



| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|--------------|--|-------------------------------|--|
| RGP-1 | 1540 x 2500 x 375 | 2000 | 378 / 408 |
| RGP-2 | 1790 x 3000 x 375 | 2000 | 448 / 482 |
| RGP-3 | 1790 x 4000 x 375 | 2000 | 545 / 605 |



CONTAINER FOR LONG MATERIALS TYPE LGK



Container used to collect and tip out materials such as strips of wood, planks, plastic profiles, metal rods

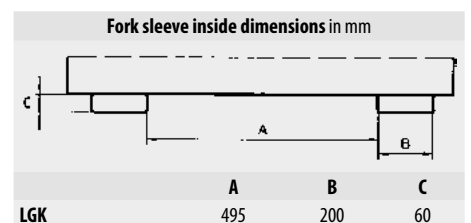
- can be emptied at any height by cable operated from the driver's seat
- floor, rear wall and inclined wall reinforced (u-profiles)
- no side walls
- can be secured to prevent slipping and unintentional emptying

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake
- construction height 225 mm

Individual construction on request

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------|--|-------------------------------|--|
| LGK | 1440 x 1500 x 780 | 1000 | 165 / 178 |



GAS CYLINDER WALL BRACKETS TYPE GWH



GWH 320-I



GWH 230-II

| | Max. no. of cylinders | For gas cylinder Ø in mm | Dimensions in mm (l x w x h) | Weight in kg |
|-------------|-----------------------|--------------------------|------------------------------|--------------|
| GWH 140-I | 1 | 140 | 200 x 90 x 50 | 1 |
| GWH 140-II | 2 | 140 | 420 x 90 x 50 | 2 |
| GWH 140-III | 3 | 140 | 640 x 90 x 50 | 3 |
| GWH 230-I | 1 | 230 | 290 x 135 x 50 | 1 |
| GWH 230-II | 2 | 230 | 600 x 135 x 50 | 2 |
| GWH 230-III | 3 | 230 | 910 x 135 x 50 | 4 |
| GWH 320-I | 1 | 320 | 380 x 180 x 50 | 2 |
| GWH 320-II | 2 | 320 | 780 x 180 x 50 | 3 |
| GWH 320-III | 3 | 320 | 1180 x 180 x 50 | 5 |

Safe storage of 1, 2 or 3 gas cylinders

- sturdy steel sheet construction, hot-dip galvanized
- with safety chain
- pre-drilled holes for wall mounting
- single, double or triple bracket to hold cylinders of Ø 140, 230 or 320 mm



GWH 230-III

GAS CYLINDER PALLETS TYPE SFP



SFP 4



SFP 8

A safe and economical way to transport up to 8 gas cylinders with less effort

- sturdy frame with fork sleeves
- with safety chains
- restrictive braces to prevent tilting sideways
- with fixture to hook up hoses and caps

Note:
Please refer to pages 120 - 124 for other products related to safe storage of gas cylinders

| | Storage area max. number of cylinders | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg |
|-------|---------------------------------------|------------------------------|---------------------|--------------|
| SFP 4 | 4 x Ø 250 mm | 500 x 860 x 1080 | 350 | 55 |
| SFP 8 | 8 x Ø 250 mm | 1100 x 860 x 1080 | 700 | 89 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| SFP 4 | 500 | 170 | 70 |
| SFP 8 | 500 | 170 | 70 |

BATTERY CHARGING STATION TYPE BL



BL with CEEform socket 400 V charging the battery of an electric forklift truck

| | Dimensions (l x w x h) in mm | Weight in kg |
|--------|---------------------------------|-----------------|
| BL 1-3 | 915 x 445 x 1945 | 48 |

How to charge industrial truck batteries and comply with the German guidelines for risk management:

– “BGHW”, “VdS” information sheet 2259

- sturdy frame, height can be adjusted
- prepared for wall mounting or anchoring to the ground
- folding table for small battery chargers
- warning signs, eye wash
- shelf for gloves and safety goggles
- RCD <= 300 mA
- 2 safety sockets 16 A 230 V, fixture for charging cable
- finish: painted **RAL 2000**

Types available

BL 1

- without CEEform socket

BL 2

- with CEEform socket 16A, 400V

BL 3

- with CEEform socket 32A, 400V

Accessories

- 6 kg fire extinguisher including fixture
- fixture for water receptacle

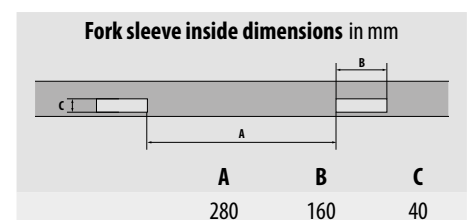
FORK PROTECTION TYPE GZS



The safety regulations issued by the German trade union for wholesalers and warehouses or “BGHW” stipulate that: If a forklift truck is used on public roads and is not carrying goods, the tips of the forks must be covered.

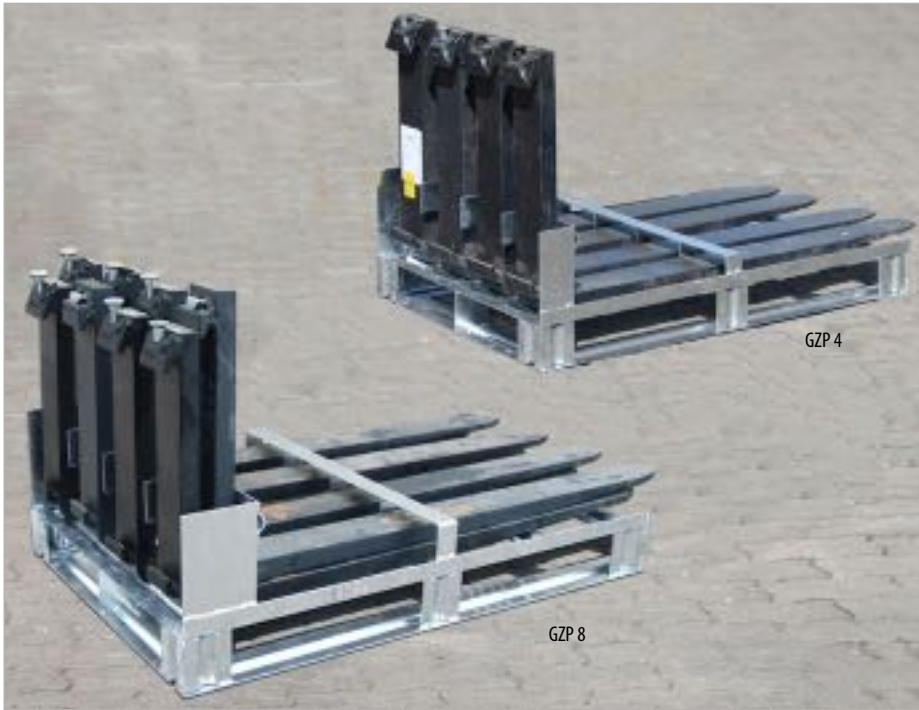
Fork Protection that complies with the German vehicle registration law “StVZO” § 30 c (1)

- steel sheet construction with fork sleeves
- simple pick-up
- with red and white striped warning band
- can be secured to prevent slipping: length of forks max. 1200 mm
- Please indicate the length of forks, if they exceed 1200 mm
- finish: painted **RAL 3000**



| | Dimensions in mm | Weight in kg |
|-----|------------------|--------------|
| GZS | 200 x 995 x 100 | 5 |

FORK PALLET TYPE GZP



| | Max. number forks | Dimensions (l x w x h) in mm | Weight in kg |
|-------|----------------------|---------------------------------|-----------------|
| GZP 4 | 4 | 1200 x 800 x 350 | 28 |
| GZP 8 | 8 | 1200 x 800 x 350 | 29 |

The safe way to store and handle forks

- sturdy steel construction
- storage of 4 or 8 forks per pallet, max. cross section forks 180 x 90 mm
- forks individually secured on GZP 4; secured in pairs on GZP 8
- full-length runners for storage on pallet shelves
- pick-up on all sides for a forklift or pallet truck
- finish **hot-dip galvanized**



FORK LIFTER TYPE GZH



Makes light work of changing fork tines

- the German accident prevention regulations ("UVV") stipulate the use of transport equipment for some jobs i.e. to avoid manual handling
- load capacity 150 kg
- finish: painted **RAL 3000**

Types available

GZH-A

- max. cross section forks: 125 x 55 mm

GZH-B

- max. cross section forks: 145 x 65 mm

FORK EXTENSIONS TYPE GO / GG



Occasionally, loads which are actually longer than the forks of the forklift truck have to be lifted or transported from A to B. That's when it is essential to have fork extensions at the ready

- sturdy steel construction
- insert tines (forks) - easily done, immediately ready to use
- secured by bolt
- tapered fork tips

Types available

GO

- open construction
- open at the bottom

GG

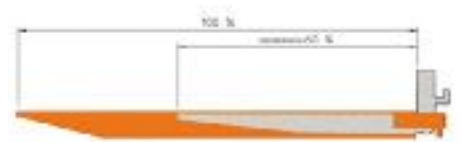
- closed construction
- closed at the bottom



Secured by bolt

Please note!

The length of the existing forks must be at least 60 % of the total required length!



Open construction GO

| Length | | 1600 mm | 1800 mm | 2000 mm |
|--------------------------------------|----------------------------------|--------------|--------------|--------------|
| For fork cross section (w x h) in mm | Outside dimensions (w x h) in mm | Item No. | Item No. | Item No. |
| 80 x 40 | 106 x 48 | 4475-10-4000 | 4475-11-4000 | 4475-12-4000 |
| 100 x 40 | 128 x 48 | 4475-13-4000 | 4475-14-4000 | 4475-15-4000 |
| 100 x 45 | 128 x 53 | 4475-13-4500 | 4475-14-4500 | 4475-15-4500 |
| 100 x 50 | 128 x 58 | 4475-13-5000 | 4475-14-5000 | 4475-15-5000 |
| 120 x 40 | 148 x 48 | 4475-16-4000 | 4475-17-4000 | 4475-18-4000 |
| 120 x 50 | 148 x 58 | 4475-16-5000 | 4475-17-5000 | 4475-18-5000 |
| 125 x 45 | 153 x 53 | 4475-19-4500 | 4475-20-4500 | 4475-21-4500 |
| 125 x 50 | 153 x 58 | 4475-19-5000 | 4475-20-5000 | 4475-21-5000 |
| 150 x 50 | 181 x 58 | 4475-22-5000 | 4475-23-5000 | 4475-24-5000 |
| 150 x 70 | 181 x 78 | 4475-22-7000 | 4475-23-7000 | 4475-24-7000 |

Other dimensions available on request!

Closed construction GG

| Length | | 1600 mm | 1800 mm | 2000 mm |
|--------------------------------------|----------------------------------|--------------|--------------|--------------|
| For fork cross section (w x h) in mm | Outside dimensions (w x h) in mm | Item No. | Item No. | Item No. |
| 80 x 40 | 106 x 66 | 4475-40-4000 | 4475-41-4000 | 4475-42-4000 |
| 100 x 40 | 128 x 66 | 4475-43-4000 | 4475-44-4000 | 4475-45-4000 |
| 100 x 45 | 128 x 71 | 4475-43-4500 | 4475-44-4500 | 4475-45-4500 |
| 100 x 50 | 128 x 76 | 4475-43-5000 | 4475-44-5000 | 4475-45-5000 |
| 120 x 40 | 148 x 66 | 4475-46-4000 | 4475-47-4000 | 4475-48-4000 |
| 120 x 50 | 148 x 76 | 4475-46-5000 | 4475-47-5000 | 4475-48-5000 |
| 125 x 45 | 153 x 71 | 4475-49-4500 | 4475-50-4500 | 4475-51-4500 |
| 125 x 50 | 153 x 76 | 4475-49-5000 | 4475-50-5000 | 4475-51-5000 |
| 150 x 50 | 181 x 76 | 4475-52-5000 | 4475-53-5000 | 4475-54-5000 |
| 150 x 70 | 181 x 96 | 4475-52-7000 | 4475-53-7000 | 4475-54-7000 |

Other dimensions available on request!

Finish:

RAL 2000

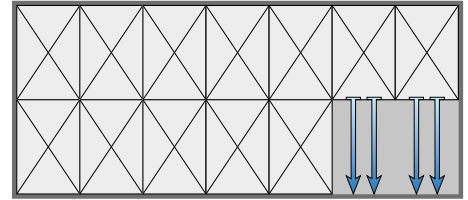
RAL 7021

TWO-WHEELED PALLET PICKER TYPE PZ



Helps save valuable time unloading pallets from a truck

- used to draw forward pallets that the forklift cannot reach
- easy to insert into the pallet; fast and safe
- sturdy construction made of hot-dip galvanized steel
- additional painted finish on request
- requires small storage space; the handle (with grip) can be removed and disassembled
- finish **hot-dip galvanized**



Being inserted into the pallet

Drawing the pallet into the "front row" using a forklift truck

| | Dimensions in mm (l x w x h) | Transport Dimensions in mm (l x w x h) | Towing Capacity in kg | Length of Chain in mm | Weight in kg |
|----|------------------------------|--|-----------------------|-----------------------|--------------|
| PZ | 1170 x 610 | 540 x 630 x 225 | 1000 | 1820 | 17 |

TYRE FITTING EQUIPMENT TYPE RM



Easy tyre fitting for trucks, buses and forklift trucks

- enormous time saving
- adjustable rotating pick-up
- no damage to wheel nuts
- length of the handle can be adjusted
- finish: painted **RAL 5012**

| | Weight (kg) |
|----|-------------|
| RM | 17 |

SHUNTING AID TYPE RH



A shunting aid makes light work of manoeuvring trailers on company premises, for example on the shop floor

- sturdy fork sleeves for pick-up by a forklift truck
- safety feature to prevent slipping
- easy to connect

Types available

RH
■ coupling ball

RH-RM
■ with trailer coupling Rockinger RO 805 B with bolt Ø 31,5 mm

RH-RMK
■ similar to type RH-RM, but with coupling ball

RH-RA
■ with automatic trailer coupling Rockinger RO 244-2 with bolt Ø 25 mm

RH-RAK
■ similar to type RH-RA, but with coupling ball

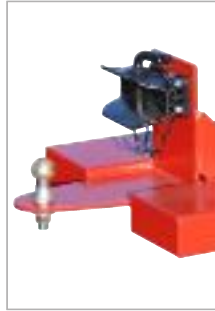
RH



RH-RM



RH-RA



RH-RMK



RH-RAK

| | Dimensions (l x w x h) in mm | Length of fork sleeves in mm | Fork sleeves inside dim. (w x h) in mm | Distance between fork sleeves in mm | max. load capacity in kg | | Weight in kg |
|---------------|------------------------------------|------------------------------------|--|---|-----------------------------|------------------|-----------------|
| | | | | | coupling ball | trailer coupling | |
| RH | 405 x 550 x 170 | 405 | 168 x 68 | 200 | 100 | - | 24 |
| RH-RM | 1455 x 685 x 245 | 1200 | 200 x 80 | 200 | - | 650 | 72 |
| RH-RMK | 1525 x 685 x 340 | 1200 | 200 x 80 | 200 | 100 | 650 | 77 |
| RH-RA | 1450 x 685 x 280 | 1200 | 200 x 80 | 200 | - | 250 | 72 |
| RH-RAK | 1505 x 685 x 340 | 1200 | 200 x 80 | 200 | 100 | 250 | 77 |

LOADING SUPPORT TYPE VS



Loading support to facilitate loading and unloading articulated trucks up to 25 tonnes

- sturdy steel construction with one fork sleeve
- can easily be picked up and positioned accurately - no need for the operator to leave his seat
- high stability thanks to the relatively wide construction which has 4 feet under the base
- inclined anti-slip contact surface compensates different heights of trailers and prevents the trailer from tipping over or rolling away

Fork sleeve inside dimensions in mm



| | B | C |
|-----------|-----|----|
| VS | 180 | 60 |

| | Dimensions (l x w x h) in mm | Load capacity in kg | Weight in kg |
|-----------|---------------------------------|---------------------|-----------------|
| VS | 1600 x 1200 x 950-1200 | 15000 | 170 |

Finish:

RAL 3000

DRUM LIFTER TYPE RS



RS-II/M

Safe and fast handling of filled drums

- sturdy steel construction
- clear line of vision for the driver
- galvanized gripping head as a standard feature
- rubber guard(s) to prevent damage to drum(s)
- gripping mechanism screwed to frame
- incredible gripping strength
- can be secured to prevent slipping

Types available

RS/M

- for filled 200 litre steel bunghole drums, steel drums with a lid, rolling hoop drums and 220 litre plastic L-ring drums

RS/91

- for filled 200 litre steel bunghole drums, steel drums with a lid, 220 litre plastic L-ring drums and plastic double L-ring drums
- with broad drum support plate



RS-I/M

Accessories

- supporting feet for straddle stackers
- hydraulic grip lock

Individual construction on request e.g.

- "ex"-zone constructions in compliance with EU directive 2014/34/EU



RS-I/M with supporting feet for straddle stackers



RS-I/91 with hydraulic grip lock



with broad drum support plate (RS/91)

| | Max. no. of 200 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) |
|----------|----------------------------|------------------------|---------------------------------|---------------------------------|
| RS-I/M | 1 | 800 | 1295 x 585 x 925 | 94 / 103 |
| RS-I/91 | 1 | 800 | 1295 x 585 x 925 | 94 / 103 |
| RS-II/M | 2 | 1600 | 1185 x 940 x 925 | 139 / 153 |
| RS-II/91 | 2 | 1600 | 1185 x 940 x 925 | 139 / 153 |

| | Fork sleeve inside dimensions in mm | | |
|----------|-------------------------------------|-----|----|
| | A | B | C |
| RS-I/M | 230 | 170 | 75 |
| RS-I/91 | 230 | 170 | 75 |
| RS-II/M | 530 | 170 | 75 |
| RS-II/91 | 530 | 170 | 75 |

DRUM LIFTER TYPE RS/D 91



RS-I/D 91

| | Max. no. of 200 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight painted in kg |
|------------|----------------------------|------------------------|---------------------------------|-------------------------|
| RS-I/D 91 | 1 | 800 | 1285 x 585 x 810 | 94 / 103 |
| RS-II/D 91 | 2 | 1600 | 1285 x 940 x 810 | 139 / 159 |

For transporting filled plastic drums with a lid and conical drums with a lid ranging from 110 to 220 litres

- adjustable drum support plate to fit drums of various sizes
- frame construction identical to RS-/M
- galvanized gripping head as a standard feature
- can be secured to prevent slipping

Individual construction on request e.g.

- "ex"-zone constructions in compliance
- with EU directive 2014/34/EU



| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| RS-I/D91 | 230 | 170 | 75 |
| RS-II/D91 | 534 | 170 | 75 |

DRUM LIFTER TYPE RS 60



RS 60-I, suitable for drums with a min. height of 500 mm and with a top rim

The drum lifter to use for filled 60 litre steel bung hole drums

- sturdy construction
- clear line of vision for the driver
- galvanized gripping head as a standard feature
- rubber guard(s) to prevent damage to drum(s)
- gripping mechanism screwed to frame
- incredible gripping strength
- can be secured to prevent slipping

Accessories

- supporting feet for straddle stacker



Special constructions available too: e.g. for 30/50 liter beer kegs

Individual construction on request e.g.

- "ex"-zone constructions in compliance with EU directive 2014/34/EU



| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| RS 60-I | 120 | 140 | 60 |
| RS 60-II | 360 | 140 | 60 |

| | Max. no. of 60 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) |
|----------|---------------------------|------------------------|---------------------------------|---------------------------------|
| RS 60-I | 1 | 100 | 1050 x 410 x 560 | 32 / 35 |
| RS 60-II | 2 | 200 | 1050 x 650 x 550 | 45 / 50 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

DRUM TIPPER TYPE FD



FD-K



FD-HK



FD-SK

Pick-up, transport and controlled emptying of 200 litre steel bunghole drums and steel drums with a lid

- sturdy frame
- self-braking gear box
- drum cradle with eccentric lock
- can be secured to prevent slipping

Types available

FD-K

- tipping process by loop chain
- suitable for pick-up by a forklift truck

FD-HK

- tipping process by crank handle
- suitable for pick-up by a forklift truck

FD-H

- tipping process by lifting cylinder
- suitable for pick-up by a forklift truck

FD-SK

- tipping process by loop chain
- suitable for pick-up by a forklift truck or crane



FD-H

| | Dimensions in mm (l x w x h) | Tipping process by | Drum (Ø) in mm | Load capacity in kg | Range of rotation in degrees | Weight in kg (painted/galv.) |
|-------|---------------------------------|-----------------------|-------------------|------------------------|---------------------------------|---------------------------------|
| FD-K | 1245 x 1100 x 610 | loop chain | 590 | 360 | 360 | 76 / 84 |
| FD-HK | 1245 x 1000 x 540 | crank handle | 590 | 360 | 360 | 72 / 78 |
| FD-H | 1245 x 1000 x 475 | lifting cylinder | 590 | 360 | 180 | 75 / 83 |
| FD-SK | 650 x 1020 x 1010 | loop chain | 590 | 360 | 360 | 79 / 85 |

| Fork sleeve inside dimensions in mm | | | |
|-------------------------------------|-----|-----|----|
| | A | B | C |
| FD-K / -HK / -H | 650 | 170 | 75 |
| FD-SK | 530 | 200 | 85 |
| FD/L-K and -HK | 530 | 170 | 75 |

DRUM TIPPER TYPE FD/L



FD/L-HK

| | Dimensions in mm (l x w x h) | Tipping process by | Drum (Ø) in mm | Load capacity in kg | Range of rotation in degrees | Weight in kg (painted/galv.) |
|---------|---------------------------------|-----------------------|-------------------|------------------------|---------------------------------|---------------------------------|
| FD/L-K | 1940 x 1140 x 890 | loop chain | 490-590 | 360 | 270 | 141 / 155 |
| FD/L-HK | 1940 x 1095 x 890 | crank handle | 490-590 | 360 | 270 | 135 / 149 |

How to pick up and empty steel bunghole drums, steel drums with a lid, rolling hoop drums, plastic L-ring drums, plastic double L-ring drums and plastic drums with a lid ranging from 110 to 220 litres

- similar to the FD, but with rotating drum cradle
- suitable for pick-up by a forklift truck

Types available

FD/L-K

- tipping process by loop chain

FD/L-HK

- tipping process by crank handle

| Fork sleeve inside dimensions |
|-------------------------------|
| refer to table FD |

Finish:

RAL 2000

RAL 3000

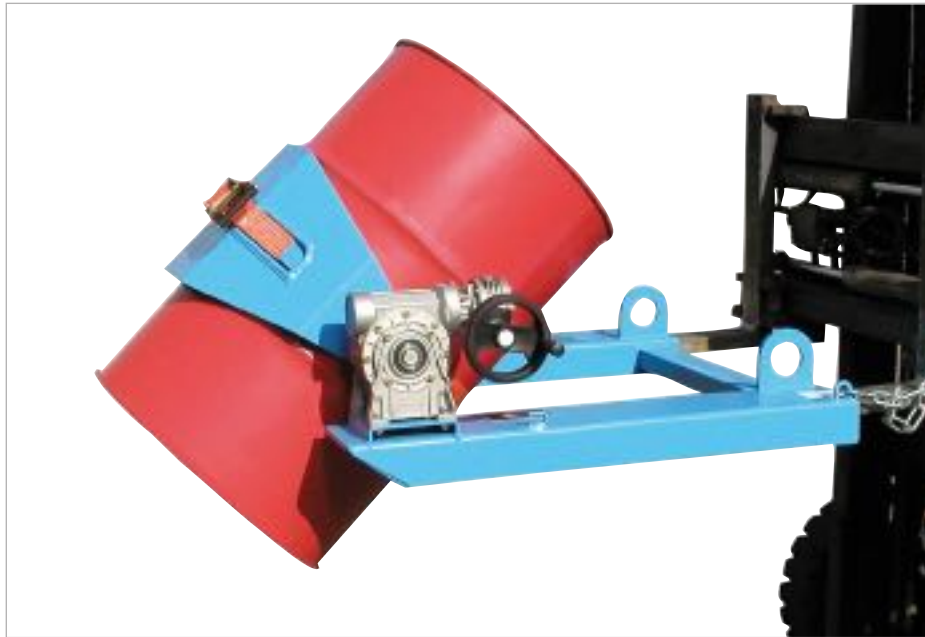
RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

DRUM TIPPER TYPE FLEX



A multifunctional unit - used for transporting, controlled emptying, turning over and setting down drums and other receptacles. Suitable for steel bunghole drums, steel drums with a lid, steel rolling hoop drums, plastic L-ring drums and plastic double L-ring drums ranging from 60 to 220 litres and for 120/240 litre waste bins

- sturdy frame with fork sleeves
- prism drum cradle with tension belt and double worm gear
- can be secured to prevent slipping
- load capacity 300 kg
- range of rotation 360°
- suitable for pick-up by a forklift truck, dumper or crane

Types available

FLEX-HK

- tipping process by crank handle

FLEX-K

- tipping process by loop chain

Accessories

- Shelf Drum Pallet **RP**

Individual construction on request e.g.

- "ex"-zone constructions in compliance with EU directive 2014/34/EU



FLEX-HK, emptying a 200 litre steel bunghole drum



FLEX-HK, emptying a 60 litre steel bunghole drum



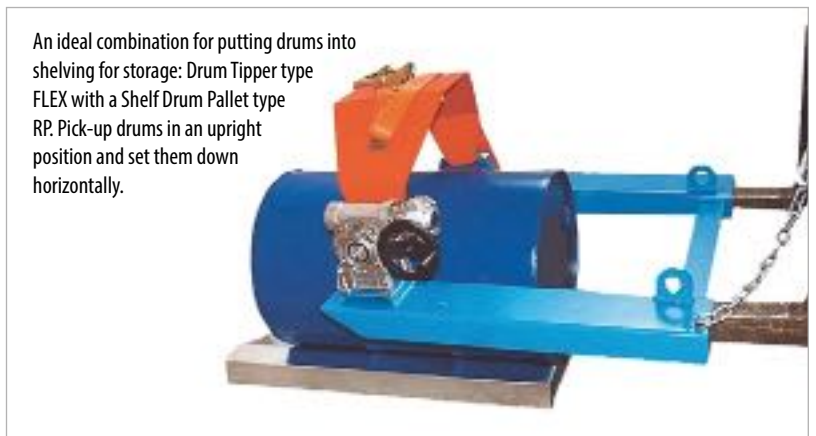
FLEX-K



Shelf Drum Pallet RP



FLEX-K, emptying a 240 litre waste bin



Setting down a drum on the Shelf Drum Pallet RP

An ideal combination for putting drums into shelving for storage: Drum Tipper type FLEX with a Shelf Drum Pallet type RP. Pick-up drums in an upright position and set them down horizontally.

| | Tipping process by | Dimensions in mm (l x w x h) | Load capacity in kg | Range of rotation in degrees | Weight in kg (painted/galv.) |
|---------|--------------------|------------------------------|---------------------|------------------------------|------------------------------|
| FLEX-HK | crank handle | 1000 x 1070 x 405 | 300 | 360 | 70 / 77 |
| FLEX-K | loop chain | 1000 x 1000 x 405 | 300 | 360 | 75 / 82 |
| RP | | 1115 x 580 x 140 | 300 | 360 | 16 |

| Fork sleeve inside dimensions in mm | | |
|-------------------------------------|-----|-----|
| | A | B |
| FLEX | 650 | 170 |
| | | C |

| | | | | | | |
|---------|----------|----------|----------|----------|----------|--------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|----------|----------|----------|----------|----------|--------------------|

DRUM GRIPPER TYPE FK



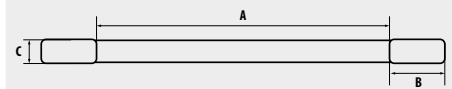
FK-II

| | Max. no. of 200 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) |
|-------|----------------------------|------------------------|---------------------------------|---------------------------------|
| FK-I | 1 | 500 | 1285 x 600 x 165 | 67 / 74 |
| FK-II | 2 | 1000 | 1320 x 1230 x 165 | 99 / 109 |

The safe way to pick up and transport 200 litre steel bung-hole drums, steel drums with a lid and rolling hoop drums

- available for 1 or 2 drums
- opens automatically when set down
- can be secured to prevent slipping

Fork sleeve inside dimensions in mm



| | A | B | C |
|--------------|-----|-----|----|
| FK-I / FK-II | 250 | 170 | 75 |

DRUM JACK TYPE FH



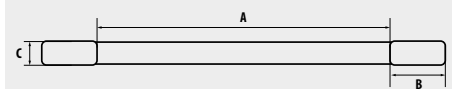
FH-II 220

| | Max. no. of 120 / 220 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) |
|-----------|----------------------------------|------------------------|---------------------------------|---------------------------------|
| FH-I 120 | 1 / - | 300 | 1330 x 505 x 380 | 49 / 53 |
| FH-I 220 | - / 1 | 360 | 1380 x 600 x 480 | 54 / 58 |
| FH-II 120 | 2 / - | 600 | 1330 x 980 x 385 | 67 / 72 |
| FH-II 220 | - / 2 | 720 | 1380 x 1160 x 485 | 76 / 82 |

Ideal for handling 120, 150 or 220 litre plastic drums

- the gripping brackets guarantee safety during transport
- can be used to stack plastic drums with a lid without using pallets

Fork sleeve inside dimensions in mm



| | A | B | C |
|-----------|-----|-----|----|
| FH-I 120 | 155 | 170 | 75 |
| FH-I 220 | 250 | 170 | 75 |
| FH-II 120 | 250 | 170 | 75 |
| FH-II 220 | 250 | 170 | 75 |

DRUM TURNER TYPE FW



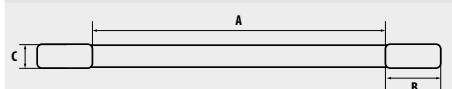
FW-I

| | Max. no. of 200 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg (painted/galv.) |
|-------|----------------------------|------------------------|---------------------------------|---------------------------------|
| FW-I | 1 | 300 | 1875 x 700 x 545 | 108 / 116 |
| FW-II | 2 | 600 | 1875 x 1320 x 545 | 150 / 162 |

Upright or set down 200 litre steel bung-hole drums and rolling hoop drums - turn drums from a horizontal position to a vertical position and vice versa

- suitable for charging drum shelves etc.

Fork sleeve inside dimensions in mm



| | A | B | C |
|-------|-----|-----|----|
| FW-I | 260 | 170 | 75 |
| FW-II | 590 | 170 | 75 |

Finish:

RAL 2000

hot-dip galvanized

DRUM TURNING CLAW TYPE FWZ



For lifting and transporting 60 litre or 200 litre steel bung-hole drums and steel drums with a lid - in either a vertical or horizontal position

- rubber guard to prevent damage to drum (can be replaced)
- locking lever to secure in open position
- operating lever to adjust tilting position

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|----------------|---------------------------------|------------------------|---------------------------------|
| FWZ 60 | 320x 805x 905 | 100 | 22 / 24 |
| FWZ 200 | 425x1105x1350 | 300 | 58 / 62 |

DRUM CLAMP TYPE FKL



For handling 200 litre steel bung-hole drums in an upright position

- automatically secured

■ finish: **RAL 2000**

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted in kg |
|------------|------------------------------|---------------------|----------------------|
| FKL | 125 x 585 x 545 | 350 | 10 |



Crane Hooks (please refer to page 54) ideal to complement all drum lifting gear

SCISSOR GRIPPER TYPE LG



For handling 200 litre steel bung-hole drums in a horizontal position

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|-----------|---------------------------------|------------------------|---------------------------------|
| LG | 1020 x 100 x 450 | 360 | 6 / 6 |

DRUM CLAW TYP LGZ



For handling 200 litre steel bung-hole drums in an upright position

| | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg (painted/galv.) |
|------------|---------------------------------|------------------------|---------------------------------|
| LGZ | 740 x 200 x 410 | 300 | 5 / 5 |

Finish: **RAL 2000** galvanized

DRUM TRAVERSE TYPE FT



FT/M



FT/MK

For handling drums in an upright position or for charging containers

■ finish **galvanized**

Types available

FT/M

■ suitable for 200 litre steel bunghole drums

FT/MK

■ suitable for 200 litre steel bunghole drums, 220 litre plastic L-ring drums and plastic double L-ring drums

| | Dimensions in mm (Ø x H) | Load capacity in kg | Weight in kg |
|-------|-----------------------------|------------------------|-----------------|
| FT/M | 610 x 225 | 300 | 5 |
| FT/MK | 610 x 270 | 300 | 5 |

DRUM GRIPPER TYPE 3P



The safe way to handle a variety of drums: steel bunghole drums, steel drums with a lid, rolling hoop drums, plastic L-ring drums, plastic double L-ring drums and plastic drums with a lid ranging from 60 to 220 litres

- 3-point clamping system
- automatic eccentric lock
- ideal for charging overpack drums or salvage drums
- adjustable positioning feature

| | Dimensions in mm (Ø x H) | Load capacity in kg | Span range in mm | Weight in kg (painted/galv.) |
|----|-----------------------------|------------------------|---------------------|---------------------------------|
| 3P | 630 x 900 | 400 | 270-680 | 17 / 19 |

DRUM GRIPPER TYPE 4P



4P



4P-D 120

- 4-point clamping system
- release activated by the guiding rod

Types available

4P

■ for 200 litre steel bunghole drums, steel drums with a lid, 220 litre plastic L-ring drums and plastic double L-ring drums

4P-D

■ for 120 or 220 litre plastic drums with a lid

| | Dimensions in mm (l x w x h) | Load capacity in kg | Span range in mm | Weight in kg (painted/galv.) |
|---------|---------------------------------|------------------------|---------------------|---------------------------------|
| 4P | 875 x 675 x 335 | 350 | 560-600 | 10 / 11 |
| 4P-D120 | 685 x 495 x 385 | 350 | 370-420 | 8 / 9 |
| 4P-D220 | 830 x 590 x 375 | 350 | 450-500 | 10 / 10 |

Finish:

RAL 2000

galvanized

DRUM JACK ROLLER TYPE FHR



Pick up drums and transport them safely

- suitable for charging sump trays, depots for hazardous materials, drum stacking pallets etc.
- with a towing bar
- swivel castors Ø 180 mm, fixed castors Ø 80 mm

Types available

FHR 600 G

- for drums ranging from 110 to 220 litres: steel bung hole drums, steel drums with a lid, steel rolling hoop drums, plastic L-ring drums, plastic double L-ring drums, plastic drums with a lid, rectangular drums and conical drums with a lid as well as open drums

FHR 600 K

- with a brace to pick up 200 litre steel bung hole drums, steel drums with a lid and steel rolling hoop drums

FHR 600 F

- rotate and empty drums in a controlled manner; for bung hole drums, steel drums with a lid, steel rolling hoop drums, plastic L-ring drums and plastic double L-ring drums ranging from 60 to 220 litres
- prism drum cradle with tension belt and double worm gear with crank handle
- range of rotation 360°

Individual construction on request e.g.

- "ex"-zone constructions in compliance with EU directive 2014/34/EU



| | Width of pallet in mm | Load capacity in kg | Dimensions in mm (l x w x h) | Width inside in mm | Lift height in mm | Weight in kg (painted/galv.) |
|------------------|--------------------------|------------------------|---------------------------------|-----------------------|----------------------|---------------------------------|
| FHR 600 G | 800 | 300 | 1000 x 1125 x 1330 | 845 | 600 | 109 / 115 |
| FHR 600 K | 800 | 300 | 1000 x 1125 x 1330 | 845 | 600 | 141 / 149 |
| FHR 600 F | 800 | 300 | 1200 x 1125 x 1330 | 845 | 600 | 231 / 241 |

| | | | |
|----------------|-----------------|-----------------|---------------------------|
| Finish: | RAL 2000 | RAL 5012 | hot-dip galvanized |
|----------------|-----------------|-----------------|---------------------------|

LIFTOMAT TYPE L



L/E 1300

Controlled emptying of steel bunghole drums, steel drums with a lid, steel rolling hoop drums, plastic L-ring drums, plastic double L-ring drums and plastic drums with a lid ranging from 110 to 220 litres

- range of rotation up to 270°
- 2 swivel castors Ø 175 mm and 2 fixed castors Ø 200 mm made of solid rubber, both swivel castors with brake
- safe pick-up guaranteed; drum is held by the tension band at the front and spindle at the top
- with crank handle and self-braking gear box

Types available

L/E

- electro-hydraulic construction fitted with maintenance-free battery 12V/88Ah and charger for 230 V mains connection

L/M

- hydraulic construction with manual pump

Individual construction on request e.g.

- "ex"-zone constructions in compliance with EU directive 2014/34/EU (L/M)



L/M 1300



L/M 600



L/M 1300 "ex"-zone construction

| | Design | Dimensions in mm (l x w x h) | Load capacity in kg | Stroke height in mm | Lift height in mm | Emptying height in mm | Range of rotation in degrees | Weight in kg (painted/galv.) |
|----------|-------------------|---------------------------------|------------------------|------------------------|----------------------|--------------------------|---------------------------------|---------------------------------|
| L/M 600 | hydraulic | 1390 x 1120 x 1230 | 350 | 18 | 450 | 600 | 270 | 156 / 168 |
| L/M 1300 | hydraulic | 1390 x 1120 x 1915 | 350 | 18 | 1100 | 1300 | 270 | 192 / 210 |
| L/E 1300 | electro-hydraulic | 1390 x 1120 x 1915 | 350 | -- | 1100 | 1300 | 270 | 220 / 238 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

TILTING CANISTER STAND TYPE KAH



KAH-25 with Spill Tray for Small Cans KGW-2

KAH-60 with Sump Tray AW 60-2/M

An easy, effortless way to dispense material from canisters ranging from 5 - 60 litres

- construction made of steel sheet, not assembled
- pre-drilled holes for wall mounting
- finish **galvanized**



KAH-5

| | Canister sizes | Dimensions | Weight |
|--------|----------------|-------------------|--------|
| | in l | in mm (l x w x h) | in kg |
| KAH-5 | 5 | 360 x 270 x 520 | 5 |
| KAH-25 | 20/25 | 520 x 375 x 785 | 6 |
| KAH-60 | 50/60 | 520 x 470 x 825 | 9 |

DRUM DOLLY TYPE FRW



FRW-III

A simple and safe way to manoeuvre drums up to Ø 600 mm

- construction made of steel sheet
- 3 different types available
- 4 polyamide swivel castors Ø 100 mm, one swivel castor with brake
- finish **hot-dip galvanized**



FRW-II



FRW-I

| | Dimensions | Ø inside | Load capacity | Weight |
|---------|-------------------|----------|---------------|--------|
| | in mm (l x w x h) | in mm | in kg | in kg |
| FRW-I | 655 x 610 x 165 | 600 | 300 | 10 |
| FRW-II | 650 x 620 x 210 | 610 | 300 | 13 |
| FRW-III | 700 x 620 x 1005 | 610 | 300 | 20 |

DRUM TROLLEY TYPE FP-V / FP-L



Less physical strength needed to pick-up 200 litre steel bung-hole drums

- with suspended axel, ideal weight distribution
- stands up by itself; hardly any space needed for storage
- safe and easy, for (un)loading pallets
- **FP-L** with pneumatic tyres
- **FP-V** with solid rubber tyres
- finish **galvanized**

| | Max. no. of 200 l drums | Load capacity in kg | Dimensions in mm (l x w x h) | Weight in kg |
|------|----------------------------|------------------------|---------------------------------|-----------------|
| FP-V | 1 | 350 | 400 x 690 x 1565 | 20 |
| FP-L | 1 | 350 | 400 x 690 x 1565 | 17 |

DOLLY TYPE GRW























For short-distances, internal transport; can be used for a variety of goods, including packages etc.








- galvanized grid, mesh size approx. 65 x 35 mm
- low loading height - easy to load, safe to transport
- 4 swivel polyamide castors, one with brake - construction height 125 mm
- finish **galvanized**

Accessories

- galvanized steel tube handle with plastic grip, easily screwed in or removed

| | Dimensions in mm (l x w x h) | Dimensions incl. handle (l x w x h) | Load capacity in kg | Weight in kg |
|---------|---------------------------------|--|------------------------|-----------------|
| GRW-I | 780 x 420 x 160 | 1255 x 420 x 1000 | 450 | 12 |
| GRW-II | 800 x 600 x 160 | 1275 x 600 x 1000 | 450 | 13 |
| GRW-III | 1185 x 785 x 160 | 1660 x 785 x 1000 | 450 | 22 |

| | Fixed castor | Swivel castor | Swivel castor with brake | Wheel |
|--|---|---|---|---|
| Polyamide castors Natural coloured polyamide, with rolling element bearing, suitable for temperatures from -40°C to +90°C, steel plate case, glossy galvanized finish, with double row ball bearing in fork head, wheel axle screwed in place, brake with double stop function |  |  |  |  |
| Polyamide heavy-duty castors Natural coloured polyamide, with ball bearing, suitable for temperatures from -40°C to +90°C, steel plate case, glossy galvanized finish, with double row ball bearing in fork head, wheel axle screwed in place, brake with double stop function |  |  |  |  |
| Polyurethane heavy-duty castors Special cast wheel body with polyurethane tread surface, steel plate case, glossy galvanized finish, with double row ball bearing in fork head, wheel axle screwed in place, brake with double stop function |  |  |  |  |
| Solid rubber castors Steel plate wheel body, glossy galvanized finish, with rolling element bearing, solid rubber tyres, steel plate case, glossy galvanized finish, with double row ball bearing in fork head, wheel axle screwed in place, brake with double stop function |  |  |  |  |
| Elastic solid rubber castors Elastic solid rubber tyre vulcanised on to aluminium wheel body, galvanized steel plate case, with double row ball bearing in fork head, wheel axle screwed in place, brake with double stop function |  |  |  |  |

| Item No. | | |  |  |  |  |  |  |  |
|----------|-------------------------|--------------------------|---|---|---|---|---|---|---|
| | | | in mm | in mm | in mm | in mm | in mm | in mm | in kg |
| 259509 | Polyamide | Fixed castor | 100 | 40 | 125 | 135 x 110 | 105 x 80 | 9 | 350 |
| 259510 | Polyamide | Swivel castor | 100 | 40 | 125 | 135 x 110 | 105 x 80 | 9 | 350 |
| 259511 | Polyamide | Swivel castor with brake | 100 | 40 | 125 | 135 x 110 | 105 x 80 | 9 | 350 |
| 259058 | Polyamide | Wheel | 100 | 40 | | | | | 350 |
| 259540 | Polyamide | Fixed castor | 125 | 40 | 155 | 135 x 110 | 105 x 80 | 9 | 200 |
| 259541 | Polyamide | Swivel castor | 125 | 40 | 155 | 135 x 110 | 105 x 80 | 9 | 200 |
| 259542 | Polyamide | Swivel castor with brake | 125 | 40 | 155 | 135 x 110 | 105 x 80 | 9 | 200 |
| 259057 | Polyamide | Wheel | 125 | 40 | | | | | 200 |
| 259597 | Polyamide | Fixed castor | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 450 |
| 259598 | Polyamide | Swivel castor | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 450 |
| 259599 | Polyamide | Swivel castor with brake | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 450 |
| 259060 | Polyamide | Wheel | 180 | 45 | | | | | 450 |
| 259506 | Polyamide | Fixed castor | 100 | 35 | 125 | 135 x 110 | 105 x 80 | 8,5 | 300 |
| 259507 | Polyamide | Swivel castor | 100 | 35 | 125 | 135 x 110 | 105 x 80 | 8,5 | 300 |
| 259508 | Polyamide | Swivel castor with brake | 100 | 35 | 125 | 135 x 110 | 105 x 80 | 8,5 | 300 |
| 259059 | Polyamide | Wheel | 100 | 35 | | | | | 300 |
| 259594 | Polyamide heavy-duty | Fixed castor | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 850 |
| 259595 | Polyamide heavy-duty | Swivel castor | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 850 |
| 259596 | Polyamide heavy-duty | Swivel castor with brake | 180 | 45 | 225 | 135 x 110 | 105 x 80 | 11 | 850 |
| 259061 | Polyamide heavy-duty | Wheel | 180 | 45 | | | | | 850 |
| 259580 | Polyurethane heavy-duty | Fixed castor | 180 | 40 | 230 | 135 x 110 | 105 x 80 | 11 | 650 |
| 259582 | Polyurethane heavy-duty | Swivel castor | 180 | 40 | 230 | 135 x 110 | 105 x 80 | 11 | 650 |
| 259581 | Polyurethane heavy-duty | Swivel castor with brake | 180 | 40 | 230 | 135 x 110 | 105 x 80 | 11 | 650 |
| 259065 | Polyurethane heavy-duty | Wheel | 180 | 40 | | | | | 650 |
| 259620 | Solid rubber | Fixed castor | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 170 |
| 259621 | Solid rubber | Swivel castor | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 170 |
| 259622 | Solid rubber | Swivel castor with brake | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 170 |
| 259074 | Solid rubber | Wheel | 180 | 50 | | | | | 170 |
| 259626 | Elastic solid rubber | Fixed castor | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 350 |
| 259627 | Elastic solid rubber | Swivel castor | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 350 |
| 259628 | Elastic solid rubber | Swivel castor with brake | 180 | 50 | 220 | 135 x 110 | 105 x 80 | 11 | 350 |
| 259077 | Elastic solid rubber | Wheel | 180 | 50 | | | | | 350 |

ENVIRONMENT / STORAGE 8.2



20-82 litre steel Spill Trays 82-83



200 litre steel Sump Trays 84-92



1000 litre steel Sump Trays 90-94



Mobile steel Sump Trays 95-96



Polyethylene Sump Pallets 97-98



Hazardous Materials Depots 99-104



Drum, Pallet and Small Can Racking / Shelvin with Sumps 106-113



Ground Protection Spill Decks/Filling Points 115-118



Gas Cylinder Storage 119-123



Safety Cabinets 123



Shelf Containers / Depot Containers 125-128



Fireproof Containers 129-132



Heating Chambers 133-134



Collection Points 134-136



Mini-Container System 139



CORRECT STORAGE OF WATER-POLLUTING SUBSTANCES

German Legislation

WHG (Federal Water Act) / **AwSV** (Ordinance for facilities that handle substances hazardous to water)

The **WHG** states that facilities that work with water-polluting substances or use them (i.e. filling, storage, manufacturing, treatment etc.) must be designed and operated in such a manner as to ensure that groundwater is not contaminated. Any such facilities may only be built and operated after a positive evaluation of a suitability assessment carried out by the authority responsible.

AwSV (federal legislation; came into force 01.08.2017) Ordinance for facilities that handle substances hazardous to water

This is the first standardized ruling for Germany; it replaces all 16 individual state regulations (VawS) previously implemented.

Approvals That Underline Quality and Expertise

Our Sump Trays are manufactured in compliance with StawaR (technical requirements for sump trays made of steel and with a capacity of up to 1000 litres) or have a National Technical Approval granted by the German approval body DIBt when sump trays deviate from StawaR. Every unit is tested for leakage.

European Legislation

GHS / REACH

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

Further information can be found here: https://www.unece.org/trans/danger/publi/ghs/ghs_welcome_e.html

REACH (Regulation (EC) No 1907/2006)

Registration

Evaluation

Authorisation and

Restriction of **C**hemicals

Further information can be found here: http://ec.europa.eu/environment/chemicals/reach/reach_en.htm

Retention Capacity

Please check the safety requirements and regulations for your area! Unlike transport, there is no international legislation that controls the **storage** of hazardous materials!

Hazardous to the Aquatic Environment

(classified according to GHS / REACH)

| Hazard Class | Hazard Pictogram | H Code | Hazard Category |
|--------------|------------------|--------|-----------------|
| Acute | | H400 | GHS 1 |
| Chronic | | H410 | GHS 1 |
| Chronic | | H411 | GHS 2 |
| Chronic | | H412 | GHS 3 |
| Chronic | | H413 | GHS 4 |

Flammable Liquids

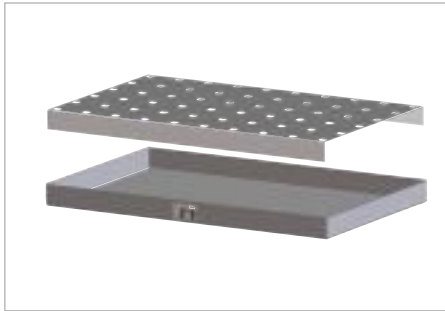
(classified according to GHS / REACH)

| Hazard Class | Hazard Pictogram | Criteria | H Code | Hazard Category |
|---------------------|------------------|---|--------|-----------------|
| Extremely flammable | | Flash point < 23 °C and initial boiling point ≤ 35 °C | H224 | GHS 1 |
| Highly flammable | | Flash point < 23 °C and initial boiling point > 35 °C | H225 | GHS 2 |
| Flammable | | Flash point ≥ 23 °C and initial boiling point ≤ 60 °C | H226 | GHS 3 |

STEEL SPILL TRAY FOR SMALL CANS TYPE KGW



KGW incl. deck with punched holes



Especially for the storage of small cans

- retention capacity 20 - 62 litres
- a choice of material for the tray: either 3 mm steel sheet or
- 2 mm stainless steel for the storage of aggressive substances

Accessories

- deck with punched holes **galvanized**
- deck with punched holes **stainless steel**



KGW 2 with Tilting Canister Stand type KAH-25.

| | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg galvanized/stainless steel |
|-------|---------------------------------|----------------------------|------------------------|--|
| KGW 1 | 940 x 370 x 60 | 20 | 150 | 12/8 |
| KGW 2 | 940 x 470 x 60 | 25 | 150 | 14/10 |
| KGW 3 | 1000 x 600 x 70 | 39 | 150 | 19/13 |
| KGW 4 | 1390 x 600 x 60 | 46 | 150 | 25/17 |
| KGW 5 | 1850 x 600 x 60 | 62 | 150 | 33/22 |

stainless steel construction

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

STEEL SPILL TRAY FOR SMALL CANS ON PALLETS TYPE KGW-P



On a Euro pallet 1200x800 mm: KGW-P 1, KGW-P 1 incl. deck with punched holes and KGW-P 2 incl. deck with punched holes

The safe and mobile way to store canisters and small cans on Euro or chemical pallets

- retention capacity approx. 25 - 80 litres
- a choice of material for the tray: either 3 mm steel sheet or
- 2 mm stainless steel for the storage of aggressive substances
- spill trays can be combined and are an exact fit for Euro pallets and chemical pallets

Accessories

- deck with punched holes **galvanized**
- deck with punched holes **stainless steel**

stainless steel construction

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| | Dimensions (LxBxH) in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg galvanized/stainless steel |
|---------|---|----------------------------|------------------------|--|
| KGW-P 1 | 600 x 400 x 120 | 27 | 50 | 11 / 8 |
| KGW-P 2 | 800 x 600 x 120 | 55 | 100 | 19 / 13 |
| KGW-P 3 | 1200 x 800 x 100 | 91 | 200 | 32 / 22 |
| KGW-P 4 | 1200 x 600 x 120 | 82 | 200 | 27 / 18 |

Finish: **galvanized** **stainless steel**

SUMP TRAY TYPE AW 60



AW 60-3/M

Storage of max. 6 x 60 litre drums or 60 l drums in combination with canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway

Types available

AW 60

- without grid

AW 60/M

- with galvanized grid
- load capacity 1000 kg/m²

Accessories

- Drum Supports FA 60, galvanized
- Clip-on Rotating Support RA 60 for rotating the drums, galvanized
- Can Shelves GR, galvanized
- Tilting Canister Stand KAH
- 2 swivel + 2 fixed polyamide castors, one swivel castor with brake – construction height 125 mm



AW 60-2/M



AW 60-2/M with Tilting Canister Stand KAH-60



AW 60-1



AW 60-2



AW 60-3/M with Drum Support FA 60-3

| | Max. no. of 60 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|-----------|----------------------------|------------------------------|-------------------------|------------------------------|
| AW 60-1/M | 2 | 800 x 500 x 290 | 72 | 34 / 37 |
| AW 60-2/M | 4 | 900 x 800 x 220 | 81 | 46 / 49 |
| AW 60-3/M | 6 | 1300 x 800 x 205 | 103 | 58 / 62 |
| AW 60-1 | - | 800 x 500 x 290 | 73 | 28 / 30 |
| AW 60-2 | - | 900 x 800 x 220 | 82 | 34 / 36 |
| AW 60-3 | - | 1300 x 800 x 205 | 103 | 41 / 44 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

SUMP TRAYS TYPE WM / WO



Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- for use with a pallet truck or forklift truck
- hot-dip galvanized finish

Types available

WM

- with galvanized grid (load capacity 1000 kg/m²)

WO

- without grid

Accessories please refer to page 105

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight in kg |
|----------|--------------------------------|---------------------------------|----------------------------|-----------------|
| WM-2/200 | 2 | 1200 x 800 x 365 | 243 | 72 |
| WM-4/200 | 4 | 1200 x 1200 x 290 | 255 | 91 |
| WM-4/400 | 4 | 1200 x 1200 x 415 | 440 | 103 |
| WO-2/200 | - | 1200 x 800 x 360 | 243 | 51 |
| WO-4/200 | - | 1200 x 1200 x 285 | 259 | 62 |
| WO-4/400 | - | 1200 x 1200 x 415 | 444 | 76 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

SUMP TRAYS TYPE AM / AO



Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- conical construction
- can be stacked one inside another (grid separate)
- strengthened by reinforced edging on two sides
- for use with a pallet truck or forklift truck

Types available

AM

- with galvanized grid (load capacity 1000 kg/m²)

AO

- without grid

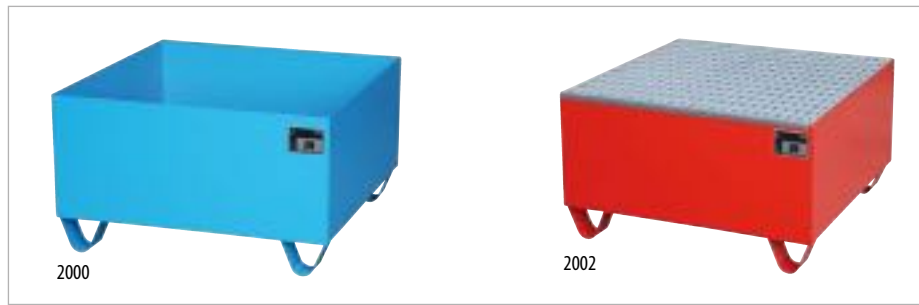
Accessories please refer to page 105

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|--------|--------------------------------|---------------------------------|----------------------------|---------------------------------|
| AM-1 | 1 | 800 x 800 x 545 | 243 | 59 / 63 |
| AM-2 | 2 | 1200 x 800 x 415 | 250 | 71 / 75 |
| AM-4/A | 4 | 1200 x 1200 x 335 | 309 | 88 / 93 |
| AM-4/B | 4 | 2400 x 800 x 285 | 318 | 114 / 120 |
| AO-1 | - | 800 x 800 x 545 | 241 | 47 / 51 |
| AO-2 | - | 1200 x 800 x 415 | 265 | 53 / 57 |
| AO-4/A | - | 1200 x 1200 x 335 | 308 | 61 / 66 |
| AO-4/B | - | 2400 x 800 x 285 | 318 | 78 / 84 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

SUMP TRAYS TYPE SERIES 2000



Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- with/without galvanized grid (load capacity 1000 kg/m²)
- with/without supporting feet (100 mm ground leeway)



Accessories

- Drum Supports type FA, galvanized
- Clip-on Rotating Supports type RA for rotating the drums, galvanized
- Can Shelves type GR, galvanized
- splash protection walls on 3 sides, made of galvanized steel sheet, height 1000 mm



2018 with splash protection walls



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| | Max. no. of 200 litre drums | Finish | Grid | Supporting feet 100 mm ground leeway | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|--------------------|--------------------------------|----------------------|------|---|---------------------------------|----------------------------|---------------------------------|
| 2000 / 2001 | - | painted / galvanized | - | ✓ | 800 x 800 x 460 | 222 | 43 / 46 |
| 2002 / 2003 | 1 | painted / galvanized | ✓ | ✓ | 800 x 800 x 460 | 221 | 57 / 60 |
| 2008 / 2009 | - | painted / galvanized | - | - | 1200 x 800 x 260 | 243 | 47 / 50 |
| 2010 / 2011 | 2 | painted / galvanized | ✓ | - | 1200 x 800 x 260 | 240 | 66 / 71 |
| 2016 / 2017 | - | painted / galvanized | - | ✓ | 1200 x 800 x 360 | 243 | 48 / 53 |
| 2018 / 2019 | 2 | painted / galvanized | ✓ | ✓ | 1200 x 800 x 360 | 240 | 69 / 73 |
| 2026 / 2027 | - | painted / galvanized | - | - | 1200 x 1200 x 185 | 259 | 57 / 63 |
| 2028 / 2029 | 4 | painted / galvanized | ✓ | - | 1200 x 1200 x 185 | 255 | 86 / 92 |

| | | | | | | |
|----------------|----------|----------|----------|----------|----------|--------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|----------------|----------|----------|----------|----------|----------|--------------------|

SUMP TRAYS TYPE SERIES 2000



2030



2032



2041



2042



2048



2050

► **Accessories** please refer to page 105



| | Max. no. of 200 litre drums | Finish | Grid | Supporting feet 100 mm ground leeway | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted /galv. in kg |
|--------------------|--------------------------------|--------------------|------|---|---------------------------------|----------------------------|--------------------------------|
| 2030 / 2031 | - | painted/galvanized | - | ✓ | 1200 x 1200 x 285 | 259 | 59 / 65 |
| 2032 / 2033 | 4 | painted/galvanized | ✓ | ✓ | 1200 x 1200 x 285 | 255 | 81 / 86 |
| 2040 / 2041 | - | painted/galvanized | - | ✓ | 2400 x 800 x 250 | 279 | 70 / 75 |
| 2042 / 2043 | 4 | painted/galvanized | ✓ | ✓ | 2400 x 800 x 250 | 273 | 124 / 132 |
| 2048 / 2049 | - | painted/galvanized | - | ✓ | 1800 x 800 x 275 | 262 | 58 / 62 |
| 2050 / 2051 | 3 | painted/galvanized | ✓ | ✓ | 1800 x 800 x 275 | 235 | 86 / 90 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

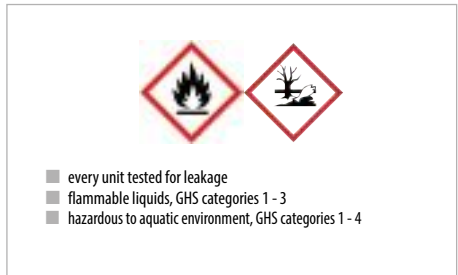
hot-dip galvanized

SPLINE SUMP TYPE PW



Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums

- construction made of 3 mm steel sheet
- drums stand on galvanized splines
- 100 mm ground leeway
- can be stacked



| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight painted / galv. in kg |
|----------|--------------------------------|---------------------------------|----------------------------|------------------------|---------------------------------|
| PW 200-2 | 2 | 1200 x 800 x 360 | 242 | 600 | 64 / 69 |
| PW 200-4 | 4 | 1200 x 1200 x 285 | 257 | 1200 | 77 / 83 |
| PW 400-4 | 4 | 1200 x 1200 x 410 | 435 | 1200 | 91 / 98 |

Finish: RAL 2000 RAL 3000 RAL 5012 RAL 6011 RAL 7005 hot-dip galvanized

SUMP TRAYS TYPE ECO-S



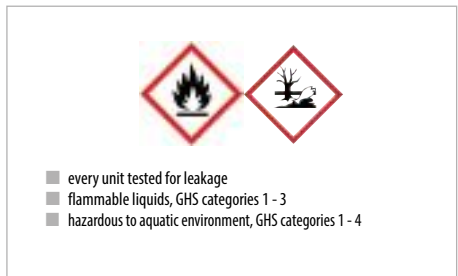
ECO-S 4/200 - shipping unit



ECO-S 2/200

A conical construction optimized for logistics; for the storage of max. 4 x 200 l drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 2 mm steel sheet
- 100 mm ground leeway
- galvanized grid (load capacity 650 kg/m²)
- conical construction
- can be stacked one inside another (grid separate)
- for use with a pallet truck or forklift truck
- shipping unit: 15 pieces per Euro pallet



| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight galvanized in kg |
|-------------|--------------------------------|---------------------------------|----------------------------|----------------------------|
| ECO-S 2/200 | 2 | 1200 x 800 x 360 | 232 | 48 |
| ECO-S 4/200 | 4 | 1200 x 1200 x 280 | 240 | 70 |
| ECO-S 4/400 | 4 | 1200 x 1200 x 430 | 440 | 80 |

Finish: hot-dip galvanized

SUMP TRAYS TYPE AW 8-12



AW-12



AW-10



AW-8

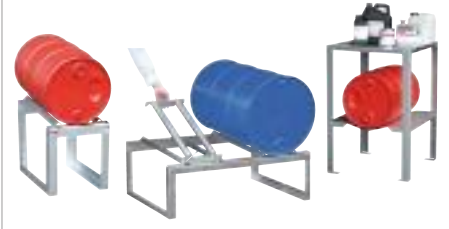
Storage of max. 12 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- galvanized grid (load capacity 1000 kg/m²)

Accessories

- Drum Supports type FA, galvanized
- Clip-on Rotating Supports type RA for rotating the drums, galvanized
- Can Shelves type GR, galvanized

▶ **Accessories** please refer to page 105



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|--------------|-----------------------------|------------------------------|-------------------------|------------------------------|
| AW-8 | 8 | 2650 x 1300 x 210 | 340 | 190 / 200 |
| AW-10 | 10 | 3250 x 1300 x 190 | 395 | 232 / 244 |
| AW-12 | 12 | 3850 x 1300 x 200 | 480 | 277 / 291 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

MODULAR SUMP TRAY TYPE MAW



Sump Tray
hot-dip galvanized

Sump Tray
spray painted

Element No. 4

Element No. 5

Element No. 6
(fitted to Sump Tray with Element No. 1)

Storage of max. 2 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

Modular design, choose from:

- **Sump Tray**
construction made of 3 mm steel sheet, 100 mm ground leeway, retention capacity 242 litres
- **Element No. 1**
grid including supports (load capacity 1000 kg/m²)
- **Element No. 2**
2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake; construction height 125 mm, handle galvanized
- **Element No. 3**
2 runners
- **Element No. 4**
Drum Support FA 200-1 for horizontal storage of 1 x 200 litre drum, in kit form
- **Element No. 5**
Clip-on Rotating Support RA 200 for rotating the drums

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

- **Element No. 6**
surround with a door that can be locked

- every unit tested for leakage
- liquids with a flashpoint > 55° C
- hazardous to aquatic environment, GHS categories 1 - 4



Sump Tray with **Element No. 2**



Element No. 1



Element No. 3

| | Dimensions in mm (l x w x h) | Weight in kg painted / galv. |
|--|---------------------------------|---------------------------------|
| MAW Sump Tray | 1295 x 735 x 365 | 50 / 54 |
| Element No. 1 grid including supports | 715 x 1230 x 30 | - / 19 |
| Element No. 2 galvanized handle + castors | 635 x 60 x 950 | - / 7 |
| Element No. 3 runners | 1275 x 80 x 95 | 14 / 15 |
| Element No. 4 Drum Support FA 200-1 | 540 x 775 x 445 | - / 13 |
| Element No. 5 Clip-on Rotating Support RA 200 | 320 x 720 x 75 | - / 7 |
| Element No. 6 galvanized surround | 1295 x 740 x 1450 | - / 89 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

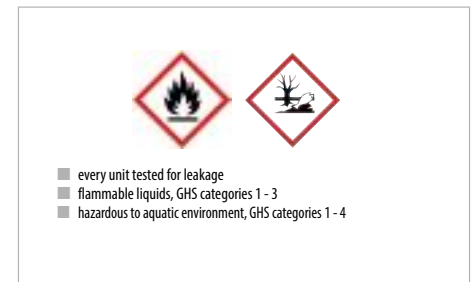
hot-dip galvanized

SPLINE SUMPS TYPE PWE



Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums

- construction made of 2 mm steel sheet
- drums stand on galvanized splines
- 100 mm ground leeway
- can be stacked



| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight painted / galv. in kg |
|-----------|--------------------------------|---------------------------------|----------------------------|------------------------|---------------------------------|
| PWE 200-2 | 2 | 1200 x 800 x 360 | 245 | 480 | 49 / 52 |
| PWE 200-4 | 4 | 1200 x 1200 x 285 | 261 | 960 | 59 / 63 |
| PWE 400-4 | 4 | 1200 x 1200 x 410 | 440 | 960 | 68 / 73 |

SUMP TRAYS TYPE ECO



Storage of max. 4 x 200 litre drums or 2 x 1000 litre containers (IBCs) or 200 l drums or an IBC in combination with 60 litre drums and/or canisters and small cans

- construction made of 2 mm steel sheet
- 100 mm ground leeway
- galvanized grid
(load capacity 1000 kg/m²)

Types available

ECO

- without raised platform

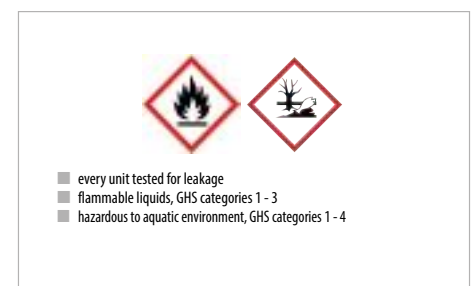
ECO-A

- with raised platform

► Accessories please refer to page 105



| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|--------------|--|---------------------------------|----------------------------|---------------------------------|
| ECO 1/200 | 1 / - | 800 x 800 x 455 | 222 | 44 / 46 |
| ECO 2/200 | 2 / - | 1200 x 800 x 360 | 240 | 54 / 57 |
| ECO 4/200 | 4 / - | 1200 x 1200 x 285 | 261 | 68 / 71 |
| ECO 4/400 | 4 / - | 1200 x 1200 x 410 | 435 | 77 / 80 |
| ECO 1/1000 | - / 1 | 1460 x 1460 x 620 | 1100 | 141 / 147 |
| ECO 2/1000 | - / 2 | 2650 x 1300 x 435 | 1128 | 185 / 195 |
| ECO-A 1/1000 | - / 1 | 1460 x 1460 x 1085 | 1100 | 150 / 158 |
| ECO-A 2/1000 | - / 2 | 2650 x 1460 x 865 | 1128 | 233 / 244 |



SUMP TRAYS TYPE AW/PE



Storage of max. 4 x 200 litre drums or 2 x 1000 litre containers (IBCs) containing aggressive substances or 200 l drums or an IBC in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- PE inlay
- fixing frame
- galvanized grid (load capacity 1000 kg/m²)

Accessories

- Drum Pallet FP-2, galvanized
- Drum Supports FA, galvanized
- Clip-on Rotating Supports RA, galvanized
- Can Shelves GR, galvanized

Individual construction on request e.g.

- other dimensions

AW-1/PE



AW-1/PE



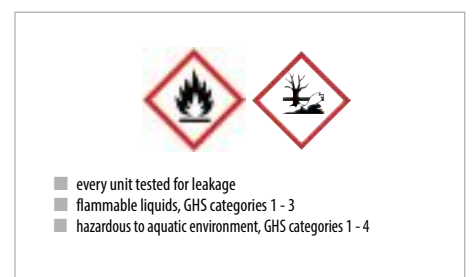
AW 1000-2/PE



AW 1000/PE



| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|--------------|--|---------------------------------|----------------------------|---------------------------------|
| AW-1/PE | 1 / - | 815 x 815 x 470 | 205 | 73 / 77 |
| AW-2/PE | 2 / - | 1215 x 815 x 365 | 225 | 89 / 93 |
| AW-4/A/PE | 4 / - | 1215 x 1215 x 290 | 240 | 113 / 120 |
| AW-4/B/PE | 4 / - | 2415 x 815 x 255 | 250 | 141 / 152 |
| AW 1000/PE | - / 1 | 1475 x 1475 x 625 | 1053 | 211 / 227 |
| AW 1000-2/PE | - / 2 | 2665 x 1315 x 440 | 1084 | 261 / 272 |



STAINLESS STEEL SUMP TRAYS TYPE VAW



VAW-1



VAW-2 with grid

Storage of max. 4 x 200 litre drums or 2 x 1000 litre containers (IBCs) containing aggressive substances or 200 l drums or an IBC in combination with 60 litre drums and/or canisters and small cans

- construction made of 2 mm stainless steel
- 100 mm ground leeway

Accessories

- galvanized grid (load capacity 1000 kg/m²)
- stainless steel grid (load capacity 1000 kg/m²)
- Drum Supports FA, galvanized
- Clip-on Rotating Supports RA, galvanized



VAW-4/A with grid



VAW-4/B with grid



VAW-1000 with grid



VAW-1000-2 with grid

| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight in kg without/with grid |
|-------------------|--|---------------------------------|----------------------------|-----------------------------------|
| VAW-1 | 1 / - | 800 x 800 x 465 | 222 | 30 / 44 |
| VAW-2 | 2 / - | 1200 x 800 x 360 | 243 | 33 / 51 |
| VAW-4/A | 4 / - | 1200 x 1200 x 285 | 259 | 38 / 68 |
| VAW-4/B | 4 / - | 2400 x 800 x 250 | 279 | 48 / 90 |
| VAW-1000 | - / 1 | 1460 x 1460 x 620 | 1100 | - / 147 |
| VAW-1000-2 | - / 2 | 2650 x 1300 x 435 | 1138 | - / 195 |

stainless steel construction

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

SUMP TRAYS TYPE AW



AW 450



AW 800

Storage of max. 10 x 200 litre drums or 3 x 1000 litre containers (IBCs) or 200 l drums or IBCs in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- galvanized grid (load capacity 1000 kg/m²)

Accessories

- splash protection wall on 3 sides, made of galvanized steel sheet, height 1000 mm **type AW/SW**
- Drum Pallet type FP-2, galvanized

Individual construction on request e.g.

- other dimensions



AW 1000-2

AW 1000-10F



AW 1000

AW 1000-3 with splash protection wall

| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted /galv. in kg |
|--------------------|--|---------------------------------|----------------------------|--------------------------------|
| AW 450 | 4 / - | 1460 x 1460 x 355 | 525 | 144 / 155 |
| AW 800 | 4 / - | 1460 x 1460 x 525 | 885 | 165 / 178 |
| AW 1000 | - / 1 | 1460 x 1460 x 620 | 1100 | 180 / 194 |
| AW 1000-2 | - / 2 | 2650 x 1300 x 435 | 1135 | 226 / 239 |
| AW 1000-10F | 10 / 2 | 2690 x 1650 x 375 | 1186 | 274 / 294 |
| AW 1000-3 | - / 3 | 3850 x 1300 x 340 | 1160 | 314 / 338 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

SUMP TRAYS TYPE AWA



AWA 1000



AWA 1000-2 + FP-2

Storage of max. 3 x 1000 litre containers (IBCs) or IBCs in combination with 60/200 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- 100 mm ground leeway
- with raised platform or
- combination of raised platform and galvanized grid (load capacity 1000 kg/m²)

Accessories

- splash protection walls on 3 sides, made of galvanized steel sheet, height 1000 mm **type AWA/SW**
- Drum Pallet FP-2, galvanized
- Drum Supports FA, galvanized
- Clip-on Rotating Supports RA, galvanized
- Can Shelves GR, galvanized

Individual construction on request e.g.

- other dimensions



AWA 1000-3



AWA 21



AWA 31 + FP-2



AWA 32 with splash protection walls

► **Accessories** please refer to page 105



| | No. of raised platforms/grids | Max. no. of 1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|-------------------|-------------------------------|-----------------------------|------------------------------|-------------------------|------------------------------|
| AWA 1000 | 1 / - | 1 | 1460 x 1460 x 1090 | 1100 | 190 / 201 |
| AWA 1000-2 | 2 / - | 2 | 2650 x 1460 x 865 | 1140 | 280 / 300 |
| AWA 1000-3 | 3 / - | 3 | 3850 x 1460 x 780 | 1165 | 389 / 412 |
| AWA 21 | 1 / 1 | 2 | 2650 x 1460 x 865 | 1140 | 272 / 291 |
| AWA 31 | 1 / 2 | 3 | 3850 x 1460 x 780 | 1170 | 336 / 360 |
| AWA 32 | 2 / 1 | 3 | 3850 x 1460 x 780 | 1170 | 362 / 387 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

MOBILE SUMP TRAYS TYPE AW 60 SR



AW 60-1 SR



AW 60-1 SRF

| | Max. no. of drums no. x litre | Dimensions in mm (l x w x h) incl. handle | Dim. tray only in mm (l x w x h) | Retention capacity in l | Weight painted / galv. in kg |
|-------------|----------------------------------|--|-------------------------------------|----------------------------|---------------------------------|
| AW 60-1 SR | 2 x 60 | 940 x 500 x 1075 | 800 x 500 x 415 | 72 | 39 / 42 |
| AW 60-1 SRF | 1 x 60 | 940 x 500 x 1075 | 800 x 500 x 415 | 72 | 49 / 52 |

Mobile storage of 60 litre drums

- construction made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake – construction height 125 mm, handle

Types available

AW 60-1 SR

- storage of max. 2 x 60 litre drums in an upright position

AW 60-1 SRF

- storage of 1 x 60 litre drum in a horizontal position
- Drum Support FA 60-1, galvanized, for 60 l drums, for horizontal storage and filling, kit form

SUMP TRAYS TYPE AST / AW-F



AST



AW-F 2 with fixture and tension belt

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) incl. handle | Dim. tray only in mm (l x w x h) | Retention capacity in l | Weight painted/galv. in kg |
|--------|--------------------------------|--|-------------------------------------|----------------------------|-------------------------------|
| AST | 1 | 1280 x 800 x 1110 | 1200 x 800 x 565 | 250 | 91 / 95 |
| AW-F 1 | 1 | 870 x 800 x 1110 | 800 x 800 x 695 | 243 | 69 / 73 |
| AW-F 2 | 2 | 1200 x 800 x 1110 | 1200 x 800 x 565 | 250 | 78 / 82 |

Storage of max. 2 x 200 litre drums

- construction made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- reinforced edging as grid support
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm, handle

Types available

AST

- Drum Support FA 200-1, galvanized

AW-F

Accessories

- for AST: Clip-on Rotating Support type RA 200 for rotating the drums, galvanized
- for AW-F: fixture and tension belt

MOBILE SUMP TRAYS TYPE SERIES 2000



2050 SR

2020 with tension belt

| | Max. no. of 200 litre drums | Finish | Dimensions in mm (l x w x h) incl. handle | Dim. tray only in mm (l x w x h) | Retention capacity in l | Weight painted/ galv. in kg |
|-------------------|--------------------------------|----------------|--|-------------------------------------|----------------------------|--------------------------------|
| 2004 / 2005 | 1 | painted/ galv. | 920 x 800 x 1115 | 800 x 800 x 610 | 221 | 68 / 72 |
| 2020 / 2021 | 2 | painted/ galv. | 1320 x 800 x 1115 | 1200 x 800 x 515 | 243 | 78 / 82 |
| 2050 SR / 2051 SR | 3 | painted/ galv. | 1920 x 800 x 1115 | 1800 x 800 x 430 | 235 | 98 / 103 |

Mobile storage of 200 litre drums

- construction made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 2 swivel + 2 fixed polyamide castors Ø 100 mm, one swivel castor with brake – construction height 225 mm, handle

Accessories: tension belt

Applies to all products shown on this page

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

MOBILE SUMP TRAYS WITH PERFORATED PANEL TYPE LPW



LPW 200-2 with tool deposit and drip tray

Dispense oils etc. from 60 or 200 litre drums, wherever necessary - mobile, safe, simple

- 3 mm steel sheet sump tray
- galvanized grid (load capacity 1000 kg/m²)
- sturdy rear panel, perforated, galvanized steel sheet with 10 x 10 mm square holes, straight row pattern, 38 mm spacing allows tool holders to be positioned as required
- hot-dip galvanized handles

LPW 200-1, -2, -3

- set of polyamide castors: 2 fixed and 2 swivel, (1 swivel castor with a brake) Ø 180 mm, construction height 225 mm

LPW 60-1, -2, -3

- set of polyamide castors: 2 fixed and 2 swivel, (1 swivel castor with a brake) Ø 100 mm, construction height 125 mm

LPW 200-4

- with perforated tool board
- assembly board on the sump tray
- with tension belt
- castors - Ø 100 mm - construction height 125 mm

Accessories

- galvanized tool deposit
- galvanized drip tray with fixture to hook up pump nozzle



| | Max. no. of drums x litre | Dimensions in mm (l x w x h) | Dim. tray only in mm (l x w x h) | Retention capacity in l | Weight painted/ galv. in kg |
|-----------|---------------------------|------------------------------|----------------------------------|-------------------------|-----------------------------|
| LPW 60-1 | 1x 60 | 570 x 590 x 1775 | 500 x 500 x 505 | 67 | 52 / 54 |
| LPW 60-2 | 2x 60 | 570 x 890 x 1685 | 500 x 800 x 415 | 73 | 64 / 66 |
| LPW 60-3 | 2x 60 | 875 x 500 x 1685 | 800 x 500 x 415 | 73 | 56 / 58 |
| LPW 200-1 | 1x 200 | 870 x 890 x 2110 | 800 x 800 x 610 | 222 | 100 / 104 |
| LPW 200-2 | 2x 200 | 870 x 1290 x 2015 | 800 x 1200 x 515 | 243 | 122 / 126 |
| LPW 200-3 | 2x 200 | 1280 x 800 x 2015 | 1200 x 800 x 515 | 243 | 110 / 114 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

GREEN-LINE POLYETHYLENE SUMP PALLETS TYPE WP



WP-PE 1/11 with Dispensing Tray VB 1



WP 2/11



WP-PE 2/2



WPA-PE 4/2



WP-PE 8/11

Safe storage of 200 litre drums and 1000 litre containers (IBCs) in compliance with regulations

- robust, made of polyethylene
- compatible with acids, alkalis, oils and other non-flammable substances
- suitable for pick-up by forklift truck
- blue

Design with PE deck

for IBCs with a wooden or plastic pallet base

- **WP**

Design with PE base pallet

for drums or IBCs (or steel frame IBCs) with a wooden, steel or plastic pallet base

- **WP-PE**
- **WPA-PE** four-way access

Accessories

Dispensing Tray for Polyethylene Sump Pallets

- **VB 1** for WP-PE 1/11
- **VB 2** for WP 2/11 and WP-PE 2/11



Dispensing Tray VB 1
(for WP-PE 1/11)



Dispensing Tray VB 2
(for WP 2/11 and WP-PE 2/11)



| | Max. no. of 200 litre drums/1000 litre IBCs | PE base- pallet | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg |
|--|--|--------------------|---------------------------------|----------------------------|------------------------|-----------------|
| WP 1/11 | - / 1 | - | 1590 x 1455 x 715 | 1125 | 1500 | 80 |
| WP 2/11 | - / 2 | - | 2340 x 1360 x 510 | 1150 | 2500 | 67 |
| WP-PE 2/2 | 2 / - | ✓ | 1230 x 830 x 330 | 240 | 650 | 18 |
| WP-PE 4/2 | 4 / - | ✓ | 1280 x 1280 x 275 | 230 | 1250 | 25 |
| WP-PE 4/4 | 4 / - | ✓ | 1310 x 1310 x 370 | 410 | 1250 | 44 |
| WPA-PE 2/2 | 2 / - | ✓ | 1225 x 820 x 450 | 230 | 400 | 26 |
| WPA-PE 4/2 | 4 / - | ✓ | 1220 x 1220 x 390 | 250 | 800 | 34 |
| WP-PE 1/11 | - / 1 | ✓ | 1760 x 1350 x 710 | 1100 | 1500 | 96 |
| WP-PE 2/11 | - / 2 | ✓ | 2560 x 1350 x 500 | 1150 | 2500 | 118 |
| WP-PE 8/11 | 8 / 2 | ✓ | 2560 x 1350 x 500 | 1000 | 2500 | 118 |
| Dispensing Trays | | | | | | |
| VB 1 for WP-PE 1/11 | - / - | - | 525 x 545 x 835 | 86 | | 8,5 |
| VB 2 for WP 2/11 and WP-PE 2/11 | - / - | - | 530 x 520 x 530 | 86 | | 4 |

GREEN-LINE POLYETHYLENE SUMP TRAYS FOR PALLETS TYPE KWP-P



2x KWP-P 20 + 1x KWP-P 40 on a Euro pallet

KWP-P 100 with polyethylene deck with punched holes

The safe and mobile way to store canisters and small cans on Euro or chemical pallets

- robust, made of polyethylene
- compatible with acids, alkalis, oils and other non-flammable substances
- retention capacity 20 - 100 litres
- can be combined, dimensions optimized to fit pallets
- blue

Accessories

- polyethylene deck with punched holes



| | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg |
|-----------|---------------------------------|----------------------------|------------------------|-----------------|
| KWP-P 20 | 600 x 400 x 170 | 22 | 55 | 4 |
| KWP-P 30 | 800 x 400 x 170 | 31 | 55 | 5 |
| KWP-P 40 | 800 x 600 x 170 | 43 | 105 | 7 |
| KWP-P 60 | 1000 x 600 x 200 | 63 | 205 | 10 |
| KWP-P 100 | 1200 x 800 x 195 | 104 | 205 | 14 |

GREEN-LINE MOBILE POLYETHYLENE SUMP TRAY TYPE WPT



Storage and transport, for 1 x 200 litre drum

- safe for dispensing (anti-splash)
- tension belts
- one swivel castor with brake and two fixed castors
- easy to handle, one man operation
- blue



WPT 230

| | Dimensions in mm (l x w x h) | Retention capacity in l | Weight in kg | Load capacity in kg |
|---------|------------------------------|-------------------------|--------------|---------------------|
| WPT 230 | 1600 x 740 x 640 | 230 | 44 | 300 |

GREEN-LINE POLYETHYLENE BUNDED SPILL FLOORING TYPE BWP



Safe storage of canisters, small cans and 200 litre drums in compliance with regulations

- robust, made of polyethylene
- compatible with acids, alkalis, oils and other non-flammable substances
- with removable PE grid
- blue

Accessories

- Ramp **BWR**
- Joining Element **BWV 2**
- Joining Element **BWV 4**



joining element

BWPS-PE 300 + Ramp BWR

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight in kg | Load capacity in kg |
|-----------------------|--------------------------------|---------------------------------|----------------------------|-----------------|------------------------|
| BWP-PE 150 | - | 1260 x 860 x 150 | 150 | 20 | 1000 |
| BWP-PE 300 | 4 | 1660 x 1260 x 150 | 300 | 40 | 2000 |
| BWPS-PE 300 | 4 | 2610 x 895 x 150 | 300 | 48 | 2000 |
| Ramp type BWR | - | 650 x 800 x 160 | - | 9 | 1000 |
| Joining Element BWV 2 | - | 1260 x 140 x 40 | - | 1,5 | - |
| Joining Element BWV 4 | - | 1660 x 140 x 40 | - | 2 | - |



DRUM STACKING PALLET TYPE FSP



FSP-2 and Drum Lifter RS-1

Store, stack and transport drums using a pallet truck or forklift. For storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- construction made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway
- stacking corners with crane eyes
- can be stacked (3 high)
- safety chain

Types available

FSP

- open sides

FSP-G

- splash protection wall on 3 sides

FSP-D

- mesh sides and back plate



FSP-1



FSP-2 G



FSP-4 D



FSP-2 and FSP-2 G

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted/galv. in kg |
|---------|-----------------------------|------------------------------|-------------------------|----------------------------|
| FSP-1 | 1 | 755 x 755 x 1590 | 225 | 93 / 102 |
| FSP-2 | 2 | 920 x 1410 x 1495 | 245 | 125 / 133 |
| FSP-4 | 4 | 1410 x 1410 x 1435 | 275 | 160 / 180 |
| FSP-1 D | 1 | 760 x 760 x 1590 | 225 | 103 / 113 |
| FSP-2 D | 2 | 920 x 1410 x 1495 | 245 | 141 / 152 |
| FSP-4 D | 4 | 1410 x 1410 x 1435 | 275 | 190 / 212 |
| FSP-1 G | 1 | 760 x 760 x 1590 | 225 | 112 / 122 |
| FSP-2 G | 2 | 920 x 1410 x 1495 | 245 | 156 / 168 |
| FSP-4 G | 4 | 1410 x 1410 x 1435 | 275 | 204 / 224 |

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

HAZARDOUS MATERIALS CABINET WITH ROLLER SHUTTER DOOR **TYPE RSG**



RSG with feet

Storage of 60 and 200 litre drums and/or canisters and small cans

- for indoor and outdoor use
- sturdy construction made of steel sheet
- roller shutter door made of aluminium
- natural air circulation
- lockable, cylinder lock
- finish: sump tray and intermediate level galvanized, body powder coated in RAL colours as shown in the table below

Types available

RSG-1

- with sump tray for the storage of max. 2 x 200 litre drums

RSG-2

- with sump tray for the storage of max. 6 x 60 litre drums and with galvanized grid as storage level for canisters and small cans

RSG-3

- with sump tray for the storage of max. 6 x 60 litre drums and with spill trays for canisters and small cans

RSG-4

- with 4 spill trays for canisters and small cans

Accessories

- height adjustable feet



RSG-1

RSG-2

RSG-3

RSG-4

| | Max. no. of drums | Dimensions | Retention capacity | Weight |
|-------|-------------------|-------------------|--------------------|--------|
| | 60 l / 200 l | in mm (l x w x h) | in l | in kg |
| RSG-1 | - / 2 | 1300 x 870 x 1610 | 240 | 162 |
| RSG-2 | 6 / - | 1300 x 870 x 1610 | 91 | 162 |
| RSG-3 | 6 / - | 1300 x 870 x 1610 | 91+67 | 172 |
| RSG-4 | - / - | 1300 x 870 x 1610 | 4 x 67 | 215 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

HAZARDOUS MATERIALS CABINET TYPE GS



GS-2 with intermediate storage level



GS-4

GS-1

Storage of max. 4 x 200 litre drums or 1 x 1000 litre container (IBC) or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- for indoor use or use under cover
- sump tray made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway
- superstructure closed construction made of galvanized steel sheet
- lockable
- storage of drums possible even when pumps or funnels are fitted

Accessories

- intermediate storage level for canisters and small cans

| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | No. of doors | Weight painted/galv. in kg |
|------|--|---------------------------------|----------------------------|-----------------|-------------------------------|
| GS-1 | 1 / - | 840 x 690 x 1930 | 200 | 1 | 126 / 130 |
| GS-2 | 2 / - | 1680 x 690 x 1780 | 230 | 2 | 232 / 237 |
| GS-3 | 4 / - | 1475 x 1460 x 1805 | 525 | 1 | 349 / 358 |
| GS-4 | - / 1 | 1475 x 1460 x 2410 | 1085 | 1 | 426 / 438 |



- every unit tested for leakage
- liquids with a flashpoint > 55° C
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

HAZARDOUS MATERIALS DEPOTS TYPE GD



GD-C, GD-B and GD-A with GR-C



Storage of max. 2 x 200 litre drums or a 200 l drum in combination with 60 litre drums and/or canisters and small cans

- sump tray made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway

Types available

GD-A

- for indoor use
- splash protection walls
- safety chain

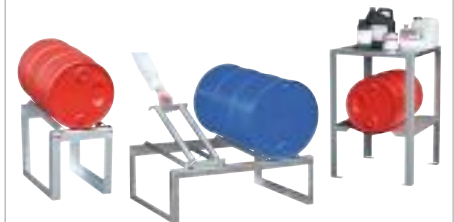
GD-B

- for outdoor use
- splash protection walls
- "all weather" glass fibre reinforced plastic hood (red) with gas compression springs
- barrel lock

GD-C

- for indoor use
- mesh walls and hood (red) to allow natural air circulation
- barrel lock

► **Accessories** please refer to page 105



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3 (GD-A and GD-C)
- hazardous to aquatic environment, GHS categories 1 - 4



- every unit tested for leakage
- flammable liquids, flash point >55°C (GD-B)
- hazardous to aquatic environment, GHS categories 1 - 4

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight painted/galv. in kg |
|------|-----------------------------|------------------------------|-------------------------|----------------------------|
| GD-A | 2 | 1420 x 795 x 1370 | 257 | 151 / 161 |
| GD-B | 2 | 1460 x 830 x 1460 | 257 | 174 / 184 |
| GD-C | 2 | 1430 x 820 x 1390 | 257 | 149 / 159 |

HAZARDOUS MATERIALS DEPOT TYPE GD-E



Storage of max. 4 x 200 litre drums or 1 x 1000 litre container (IBC) or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- for indoor and outdoor use
- sump tray made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway
- superstructure closed construction made of galvanized, profiled steel sheet
- natural air circulation
- hinged door, lockable
- storage of drums possible even when pumps or funnels are fitted

Types available

GD-E

- hinged roof with 2 gas compression springs, easy to open or close

GD-E/IBC

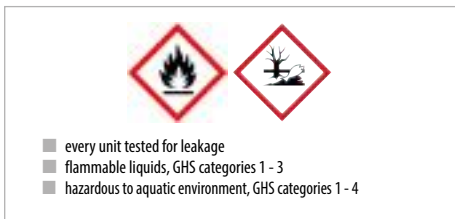
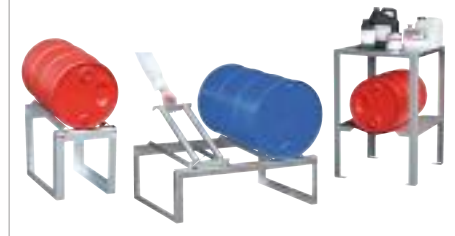
- fixed roof

Accessories

- Drum Supports FA, galvanized
- Clip-on Rotating Supports RA, galvanized
- Can Shelves GR, galvanized



► **Accessories** please refer to page 105



| | Max. no. of 200 litre drums/1000 litre IBCs | Dimensions in mm (l x w x h) | Retention capacity in l | Weight galv. in kg |
|-------------------|--|---------------------------------|----------------------------|-----------------------|
| GD-E 2 | 2 / - | 1535 x 1290 x 1730 | 222 | 230 |
| GD-E 4 | 4 / - | 1535 x 1590 x 1710 | 280 | 265 |
| GD-E/IBC | - / 1 | 1535 x 1590 x 2470 | 1110 | 346 |
| GD-E/IBC 2 | - / 2 | 2835 x 1595 x 2180 | 1145 | 530 |

Finish: galvanized

HAZARDOUS MATERIALS DEPOT TYPE GD-N



GD-N 2 with GR-A

Storage of max. 4 x 200 litre drums or 200 l drums in combination with 60 litre drums and/or canisters and small cans

- for indoor and outdoor use
- sump tray made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)
- made of galvanized steel sheet
- natural air circulation
- roof with gas compression springs
- can be locked
- storage of drums possible even when pumps or funnels are fitted

Types available

GD-N

- 2 hinged doors
- 100 mm ground leeway

GD-N/R

- folding front door, made of aluminium, can be used as access ramp

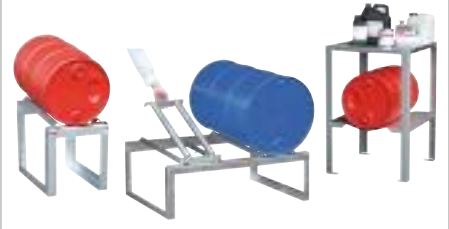


GD-N/R 4 and Drum Trolley FP-V

Accessories

- intermediate galvanized grid (l x w) 1385 x 520 mm
1 piece for type GD-N 2
2 pieces for type GD-N 4
- Drum Supports FA, galvanized
- Clip-on Rotating Supports RA, galvanized
- Can Shelves GR, galvanized

► **Accessories** please refer to page 105



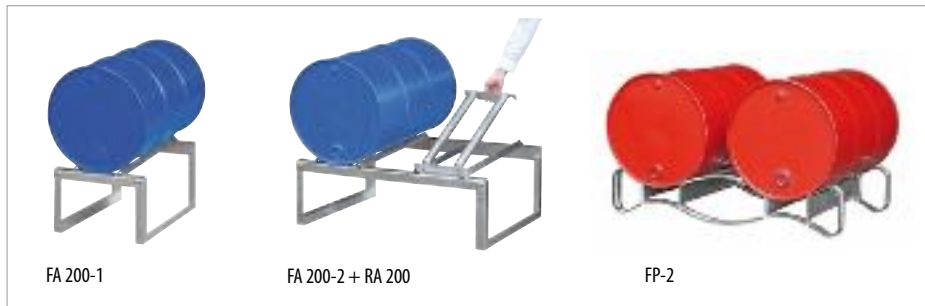
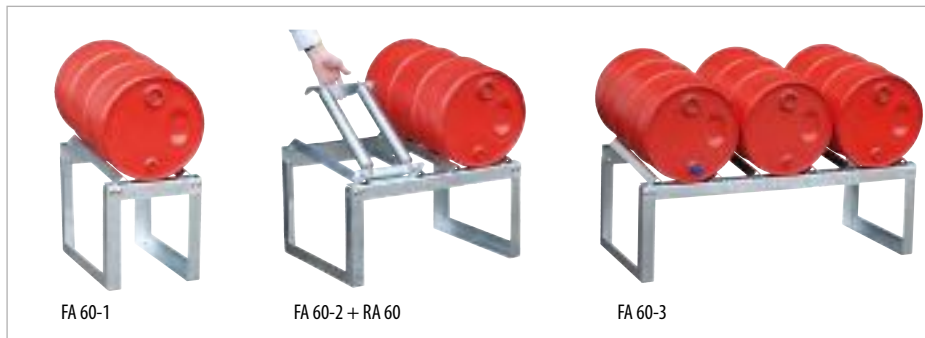
- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Weight galv. in kg |
|-----------------|--------------------------------|---------------------------------|----------------------------|-----------------------|
| GD-N 2 | 2 | 1440 x 1015 x 1615 | 245 | 236 |
| GD-N 4 | 4 | 1440 x 1500 x 1560 | 275 | 302 |
| GD-N/R 2 | 2 | 1440 x 1015 x 1515 | 245 | 224 |
| GD-N/R 4 | 4 | 1440 x 1500 x 1460 | 275 | 290 |

Finish:

galvanized

ACCESSORIES FOR SUMP TRAYS/HAZARDOUS MATERIALS DEPOTS



- **Drum Supports FA**, galvanized, for 60/220 litre drums. For horizontal storage and filling; used with a sump tray that has a grid, kit form
- **Clip-on Rotating Supports RA**, galvanized, for rotating 60/200 litre drums, fit Drum Supports type FA
- **Drum Pallets FP**, galvanized, for horizontal storage of 200 litre drums; can be stacked max. 5 high; max. fork width 150 mm
- **Can Shelves GR**, galvanized, various types available, kit form
- **Tension Belts** for 1, 2 or 3 200 litre drums, for mobile sump trays with handle
- **Tilting Canister Stand, type KAH**
 - ▶ easy to use, less effort required; available in various sizes for 5 - 60 litre canisters
 - ▶ construction made of steel sheet
 - ▶ can be fitted to a wall
 - ▶ galvanized



Tension Belt for 2x200 litre drums

| | | Max. no. of drums/small cans/canisters | Transport dimensions in mm (l x w x h) | Dimensions when in use in mm (l x w x h) | Weight in kg |
|---------------------|--------------------------------------|--|--|--|--------------|
| FA 60-1 | Drum Support | 1 x 60 litre drum | 400 x 550 x 120 | 355 x 545 x 455 | 10 |
| FA 60-2 | Drum Support | 2 x 60 litre drums | 800 x 550 x 120 | 755 x 545 x 455 | 14 |
| FA 60-3 | Drum Support | 3 x 60 litre drums | 1200 x 550 x 120 | 1155 x 545 x 455 | 21 |
| FA 200-1 | Drum Support | 1 x 200 litre drum | 600 x 800 x 120 | 540 x 775 x 445 | 13 |
| FA 200-2 | Drum Support | 2 x 200 litre drums | 1200 x 800 x 120 | 1155 x 775 x 445 | 19 |
| RA 60 | Clip-on Rotating Support | 1 x 60 litre drum | | 295 x 490 x 80 | 4 |
| RA 200 | Clip-on Rotating Support | 1 x 200 litre drum | | 320 x 490 x 80 | 4 |
| FP-2 | Drum Pallet | 2 x 200 litre drums | | 1280 x 750 x 250 | 22 |
| GR-A | Can Shelf, 2 storage levels | small cans | 900 x 700 x 80 | 600 x 700 x 900 | 22 |
| GR-B | Can Shelf, drum level, storage level | 1 x 60 litre drum/small cans | 900 x 700 x 80 | 600 x 700 x 900 | 22 |
| GR-C | Can Shelf, 2 Drum Supports | 2 x 60 litre drums | 900 x 700 x 80 | 600 x 700 x 900 | 22 |
| Tension belt | | 1 x 200 litre drum | | | 2 |
| Tension belt | | 2 x 200 litre drums | | | 3 |
| Tension belt | | 3 x 200 litre drums | | | 4 |
| KAH-5 | Tilting Canister Stand | 1 x 5 litre canister | | 360 x 270 x 520 | 5 |
| KAH-25 | Tilting Canister Stand | 1 x 25 litre canister | | 520 x 375 x 785 | 6 |
| KAH-60 | Tilting Canister Stand | 1 x 60 litre canister | | 520 x 470 x 825 | 9 |

SMALL CAN SHELVING WITH SUMPS TYPE SERIES 3000



Safe storage of small cans

- sump trays made of 3 mm steel sheet
- plug-in system, simple assembly
- 1000 x 600 x 2000 in mm (WxDxH)
- 4 levels, load capacity per level 150 kg (uniformly distributed load)

Accessories

- additional level

Stainless steel sump trays also available!

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4



| Design | Dimensions sump tray in mm (w x d x h) | Retention capacity in l | Weight in kg |
|--|--|-------------------------|--------------|
| 3017-4E Basic shelf with 4 levels (3 galvanized grids, 1 galvanized spill tray) | - | 1 x 30 | 69 |
| 3018-4E Extension shelf with 4 levels (3 galvanized grids, 1 galvanized spill tray) | - | 1 x 30 | 61 |
| 3019-4E Basic shelf with 4 levels (4 galvanized spill trays) | - | 4 x 30 | 97 |
| 3020-4E Extension shelf with 4 levels (4 galvanized spill trays) | - | 4 x 30 | 89 |
| 3021-4E Basic shelf with 4 levels (4 galvanized grids) + galvanized sump tray | 1200 x 800 x 360 | 1 x 243 | 113 |
| 3022-4E Basic shelf with 4 levels (4 galvanized spill trays) + galvanized sump tray | 1200 x 800 x 360 | 1 x 243 | 90 |
| 3023-4E Basic shelf plus extension, each 4 levels (2x4 galvanized grids) + galvanized sump tray | 2400 x 800 x 250 | 1 x 279 | 188 |
| 3024-4E Basic shelf plus extension, each 4 levels (2x4 galvanized spill trays) + galvanized sump tray | 2400 x 800 x 250 | 1 x 279 | 143 |

106 Finish: **galvanized**

DRUM SHELVES WITH SUMP TRAYS TYPE SERIES 3000



Basic shelf 3000
+extension shelf 3001

Basic shelf 3002

Basic shelf 3004

Basic shelf 3006

Basic shelf 3008

Basic shelf 3010



3013



3014



3015



3016



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

- 3012** Clip-on rotating support for 1 x 60 litre drum
- 3013** Clip-on rotating support for 1 x 200 litre drum
- 3014** Retainer bar, galvanized
- 3015** Can stand, galvanized
- 3016** Corner guard

Store drums horizontally or in an upright position and dispense from them. For max. 8 x 200 litre drums or 12 x 60 litre drums

- sump trays made of 3 mm steel sheet
- with/without galvanized grid
- 100 mm ground leeway
- retention capacity 220 litres
- upright frame
- cross beams, powder coated
- drum supports for 60 or 200 litre drums, galvanized

| Design | Max. no. of drums / position | Shelf in mm (w x d x h) | Sump Tray in mm (w x d x h) | Weight in kg |
|---|--|-------------------------|-----------------------------|--------------|
| 3000 Basic shelf with 2 levels, sump tray without a grid | 4 x 200 litre drums horizontal | 1510 x 800 x 2000 | 1330 x 1200 x 260 | 134 |
| 3001 Extension shelf with 2 levels, sump tray without a grid | 4 x 200 litre drums horizontal | 1430 x 800 x 2000 | 1330 x 1200 x 260 | 117 |
| 3002 Basic shelf with 3 levels, sump tray without a grid | 6 x 200 litre drums horizontal | 1510 x 800 x 2500 | 1330 x 1200 x 260 | 159 |
| 3003 Extension shelf with 3 levels, sump tray without a grid | 6 x 200 litre drums horizontal | 1430 x 800 x 2500 | 1330 x 1200 x 260 | 138 |
| 3004 Basic shelf with 3 levels, sump tray without a grid | 9 x 60 litre drums horizontal | 1510 x 800 x 2000 | 1330 x 1200 x 260 | 170 |
| 3005 Extension shelf with 3 levels, sump tray without a grid | 9 x 60 litre drums horizontal | 1430 x 800 x 2000 | 1330 x 1200 x 260 | 153 |
| 3006 Basic shelf with 4 levels, sump tray without a grid | 12 x 60 litre drums horizontal | 1510 x 800 x 2500 | 1330 x 1200 x 260 | 202 |
| 3007 Extension shelf with 4 levels, sump tray without a grid | 12 x 60 litre drums horizontal | 1430 x 800 x 2500 | 1330 x 1200 x 260 | 182 |
| 3008 Basic shelf with 1 level, sump tray with a grid | 2 x 200 litre drums horizontal/4 x 200 litre drums upright | 1510 x 800 x 2000 | 1330 x 1200 x 260 | 144 |
| 3009 Extension shelf with 1 level, sump tray with a grid | 2 x 200 litre drums horizontal/4 x 200 litre drums upright | 1430 x 800 x 2000 | 1330 x 1200 x 260 | 127 |
| 3010 Basic shelf with 2 levels, sump tray with a grid | 4 x 200 litre drums horizontal/4 x 200 litre drums upright | 1510 x 800 x 2500 | 1330 x 1200 x 260 | 170 |
| 3011 Extension shelf with 2 levels, sump tray with a grid | 4 x 200 litre drums horizontal/4 x 200 litre drums upright | 1430 x 800 x 2500 | 1330 x 1200 x 260 | 161 |

PALLET RACKING TYPE PR



Use pallet racking with shelf sumps to comply with legislation relating to the storage of water-polluting substances.

Modular design, choose from:

- Upright Frames **PR-S**, galvanized
- Cross Beams **PR-T**, powder coated, can be fitted at intervals of 50 mm
- Retainer Bar **PR-D**, galvanized
- galvanized grid as storage level (base level only), mesh size 30 x 60 mm, fitted over the cross beams using 4 brackets, load capacity 1000 kg/m²
- corner guards (required when racking stands in an exposed area or in aisles/thoroughfares)
- Shelf Sumps **RW** and Suspended Sumps **EHW**

| Description | | Dimensions in mm | Load capacity in kg |
|--|-------------|---------------------|------------------------|
| Upright Frame | PR-S 2000 | 1100 x 2000 (d x h) | ---- |
| Upright Frame | PR-S 3000 | 1100 x 3000 (d x h) | ---- |
| Upright Frame | PR-S 4000 | 1100 x 4000 (d x h) | ---- |
| Cross Beam | PR-T 1800 | l: 1800 | 2500 |
| Cross Beam | PR-T 2200 | l: 2200 | 2100 |
| Cross Beam | PR-T 2700-1 | l: 2700 | 2400 |
| Cross Beam | PR-T 2700-2 | l: 2700 | 3000 |
| Retainer Bar for Cross Beam length 1800 mm | PR-D 1800 | l: 1800 | ---- |
| Retainer Bar for Cross Beam length 2200 mm | PR-D 2200 | l: 2200 | ---- |
| Retainer Bar for Cross Beam length 2700 mm | PR-D 2700 | l: 2700 | ---- |
| Galvanized Grid - Storage Level (Base) | | 865 x 1230 x 30 | 1000 kg/m ² |
| Corner guard | | ---- | ---- |



Accessories: Shelf Drum Pallet RP (please refer to page 71)



PR-Set No. 1 for max. 12 x 200 litre drums consists of the following components:

- 2 x Upright Frame PR-S 2000
- 2 x Cross Beam PR-T 2700-1
- 2 x Retainer Bar PR-D 2700
- 1 x Shelf Sump RW-GR 2700-1
- 2 x Corner Guard (accessory)



PR-Set No. 2 for max. 12 x 200 litre drums consists of the following components:

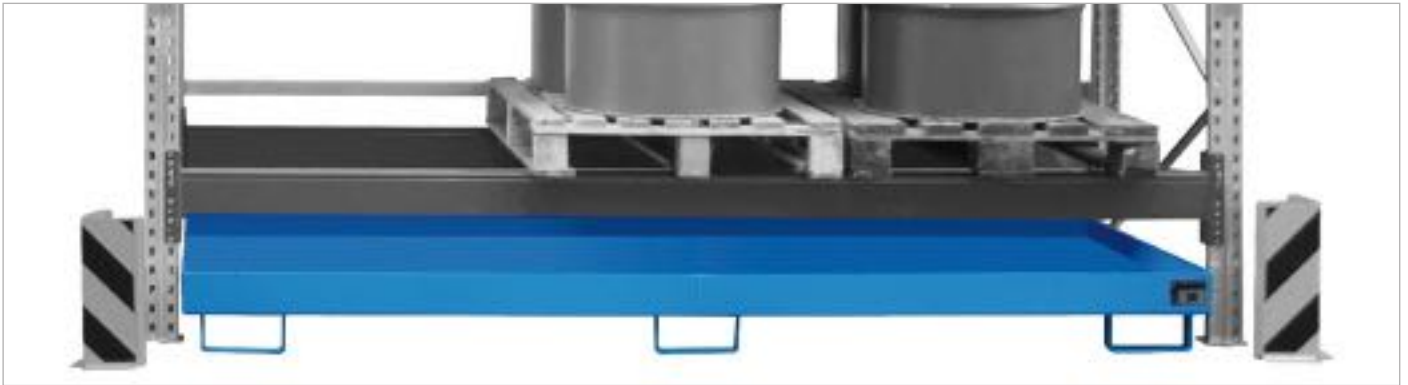
- 2 x Upright Frame PR-S 3000
- 4 x Cross Beam PR-T 2700-1
- 2 x Retainer Bar PR-D 2700
- 1 x Shelf Sump RW 2700-1
- 2 x Corner Guard (accessory)



PR Set No. 3 for max. 4 x 1000 litre IBC consists of the following components:

- 2 x Upright Frame PR-S 3000
- 4 x Cross Beam PR-T 2700-2
- 2 x Retainer Bar PR-D 2700
- 1 x Shelf Sump RW 2700-3
- 2 x Corner Guard (accessory)

SHELF SUMPS TYPE RW



Shelf Sump RW-2700-1



Shelf Sump RW-GR 2700-3



Shelf Sump RW-GR 2700-1



Shelf Sump RW 2200-2



Shelf Sump RW-2200-1

Integrate Shelf Sumps into existing shelving systems – a cost-effective and efficient way of bringing them up to standard and ensuring they meet the legal requirements

- construction made of 3 mm steel sheet

Types available

RW

- Shelf Sump without grid
- 100 mm ground leeway

RW-GR

- Shelf Sump with galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway

Individual construction on request

- for pick up using a straddle stacker

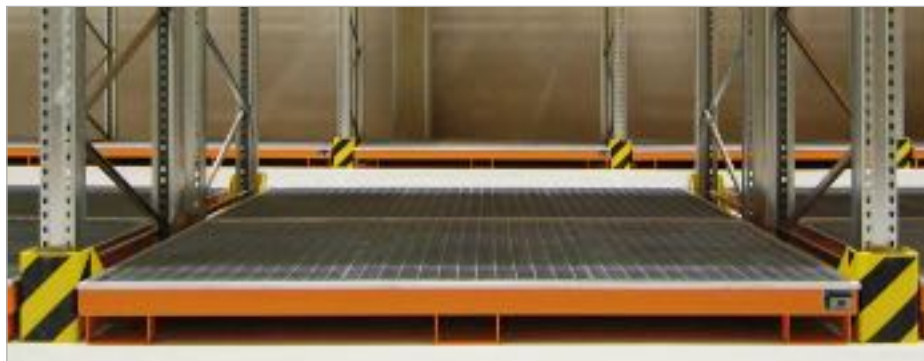


Shelf sump RW 1800

| Without grid | With grid | For Cross Beam length in mm | Dimensions in mm (l x d x h) | Retention capacity in l | Weight painted in kg without/with grid | Weight galv. in kg without/with grid |
|------------------|---------------------|-----------------------------|------------------------------|-------------------------|--|--------------------------------------|
| RW 1800 | RW-GR 1800 | 1800 | 1750 x 1300 x 250 | 331 | 80/134 | 86/141 |
| RW 2200-1 | RW-GR 2200-1 | 2200 | 2150 x 1300 x 225 | 338 | 91/163 | 98/172 |
| RW 2200-2 | RW-GR 2200-2 | 2200 | 2150 x 1300 x 505 | 1115 | 136/207 | 147/218 |
| RW 2700-1 | RW-GR 2700-1 | 2700 | 2650 x 1300 x 210 | 352 | 106/190 | 114/200 |
| RW 2700-2 | RW-GR 2700-2 | 2700 | 2650 x 1300 x 300 | 674 | 123/207 | 133/218 |
| RW 2700-3 | RW-GR 2700-3 | 2700 | 2650 x 1300 x 435 | 1135 | 148/226 | 160/239 |
| RW 3300-1 | RW-GR 3300-1 | 3300 | 3250 x 1300 x 195 | 240 | 126/232 | 136/244 |
| RW 3300-2 | RW-GR 3300-2 | 3300 | 3250 x 1300 x 265 | 540 | 141/247 | 152/261 |
| RW 3300-3 | RW-GR 3300-3 | 3300 | 3250 x 1300 x 380 | 1150 | 166/265 | 179/280 |
| | RW-GR 3600-3 | 3600 | 3550 x 1300 x 355 | 1162 | ----/278 | ----/294 |

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

SHELF SUMP WITH POLYETHYLENE INLAY TYPE RW PE



Shelf Sump RW-GR 2700-1 PE



Shelf Sump RW 2700-3 PE

For the storage of aggressive substances. Integrate shelf sumps into existing shelving systems – a cost-effective and efficient way of bringing them up to standard and ensuring they meet the legal requirements

- construction made of 3 mm steel sheet
- polyethylene inlay
- galvanized fixing frame

Types available

RW PE

- Shelf Sump without grid
- 100 mm ground leeway

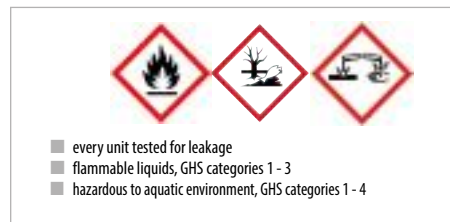
RW-GR PE

- Shelf Sump with galvanized grid (load capacity 1000 kg/m²)
- 100 mm ground leeway

Individual construction on request

- for pick up using a straddle stacker

| Without grid | With grid | For Cross Beam length in mm | Dimensions in mm (l x d x h) | Retention capacity in l | Weight painted in kg without/with grid | Weight galv. in kg without/with grid |
|--------------|-----------------|-----------------------------|------------------------------|-------------------------|--|--------------------------------------|
| RW 1800 PE | RW-GR 1800 PE | 1800 | 1765 x 1315 x 255 | 298 | 102/159 | 108/165 |
| RW 2200-1 PE | RW-GR 2200-1 PE | 2200 | 2165 x 1315 x 230 | 240 | 116/177 | 123/184 |
| RW 2200-2 PE | RW-GR 2200-2 PE | 2200 | 2165 x 1315 x 510 | 1063 | 167/228 | 177/238 |
| RW 2700-1 PE | RW-GR 2700-1 PE | 2700 | 2665 x 1315 x 210 | 309 | 134/217 | 142/225 |
| RW 2700-2 PE | RW-GR 2700-2 PE | 2700 | 2665 x 1315 x 305 | 623 | 154/238 | 164/247 |
| RW 2700-3 PE | RW-GR 2700-3 PE | 2700 | 2665 x 1315 x 440 | 1077 | 181/260 | 194/271 |
| RW 3300-1 PE | RW-GR 3300-1 PE | 3300 | 3265 x 1315 x 195 | 320 | 159/272 | 169/281 |
| RW 3300-2 PE | RW-GR 3300-2 PE | 3300 | 3265 x 1315 x 270 | 617 | 177/289 | 188/299 |
| RW 3300-3 PE | RW-GR 3300-3 PE | 3300 | 3265 x 1315 x 385 | 1298 | 205/310 | 218/323 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

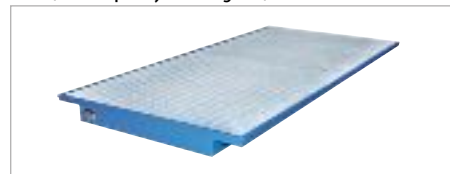
SUSPENDED SUMPS TYPE EHW



Suspended Sump EHW 1800

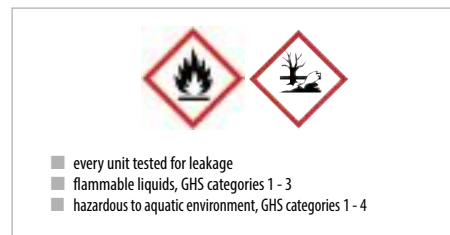
Integrate suspended sumps into existing shelving systems – a cost-effective and efficient way of bringing them up to standard and ensuring they meet the legal requirements

- construction made of 3 mm steel sheet
- galvanized grid (load capacity 1000 kg/m²)



Suspended Sump EHW 2700

| | For Cross Beam length in mm | Dimensions in mm (l x d x h) | Retention capacity in l | Weight painted/galv. in kg |
|----------|-----------------------------|------------------------------|-------------------------|----------------------------|
| EHW 1800 | 1800 | 1750 x 1250/915 x 160 | 259 | 105 / 111 |
| EHW 2200 | 2200 | 2150 x 1250/915 x 140 | 288 | 125 / 132 |
| EHW 2700 | 2700 | 2650 x 1250/915 x 130 | 322 | 151 / 159 |
| EHW 3300 | 3300 | 3250 x 1250/915 x 110 | 342 | 186 / 195 |
| EHW 3600 | 3600 | 3550 x 1250/915 x 115 | 389 | 197 / 207 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

FILLING POINTS



FA 60-A



RA 60-A

AW 60-3 + GR 60-3
+ 3xAG 60-3 + 9xFA 60-A

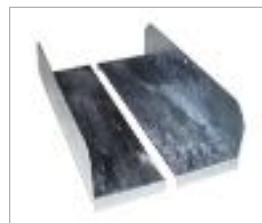
Horizontal storage and filling. For max. 9 x 60 litre drums/canisters or 60 litre drums/canisters in combination with small cans

Modular design, choose from:

- **Sump Tray AW 60** made of 3 mm steel sheet, 100 mm ground leeway
- **Grid GR**, galvanized (load capacity 1000 kg/m²)
- **Shelves AG**, galvanized, in kit form, can be stacked max. 3 high
- **Canister Stand AB** (2 pieces per canister), galvanized, movable
- **Drum Support FA 60-A** for 1 x 60 litre drum, galvanized
- **Clip-on Rotating Support RA 60-A**, galvanized, for rotating 60 litre drums



AW 60-2 + 2xAG 60-2 + 4xFA 60-A



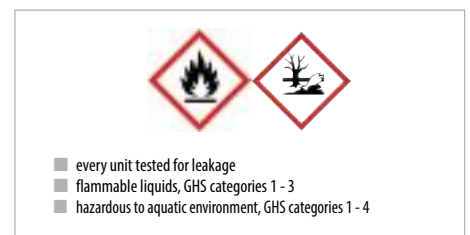
AB (2 pieces per canister)

AW 60-3 + GR 60-3
+ 2xAG 60-3 + 12xAB



Tilting Canister Stand KAH 60 with Sump Tray AW 60-2/M

| | | Max. no. of 60 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg painted/galv. |
|---------------------------------|----------------|----------------------------|------------------------------|-------------------------|---------------------|----------------------------|
| Sump Tray | AW 60-1 | | 800 x 500 x 290 | 73 | -- | 28 / 32 |
| Grid | GR 60-1 | | 780 x 420 x 30 | -- | -- | -- / 6 |
| Shelf | AG 60-1 | 1 | 515 x 515 x 555 | -- | 65 | -- / 9 |
| Sump Tray | AW 60-2 | | 900 x 800 x 220 | 82 | -- | 34 / 38 |
| Grid | GR 60-2 | | 820 x 780 x 30 | -- | -- | -- / 12 |
| Shelf | AG 60-2 | 2 | 915 x 515 x 555 | -- | 130 | -- / 10 |
| Sump Tray | AW 60-3 | | 1300 x 800 x 205 | 103 | -- | 42 / 48 |
| Grid | GR 60-3 | | 1220 x 780 x 30 | -- | -- | -- / 18 |
| Shelf | AG 60-3 | 3 | 1315 x 515 x 555 | -- | 200 | -- / 13 |
| Canister Stand | AB | | 100 x 510 x 150 | -- | -- | -- / 2 |
| Drum Support | FA 60-A | 1 | 270 x 510 x 60 | -- | -- | -- / 2 |
| Clip-on Rotating Support | RA 60-A | 1 | 270 x 510 x 80 | -- | -- | -- / 4 |



Finish:

RAL 2000

RAL 3000

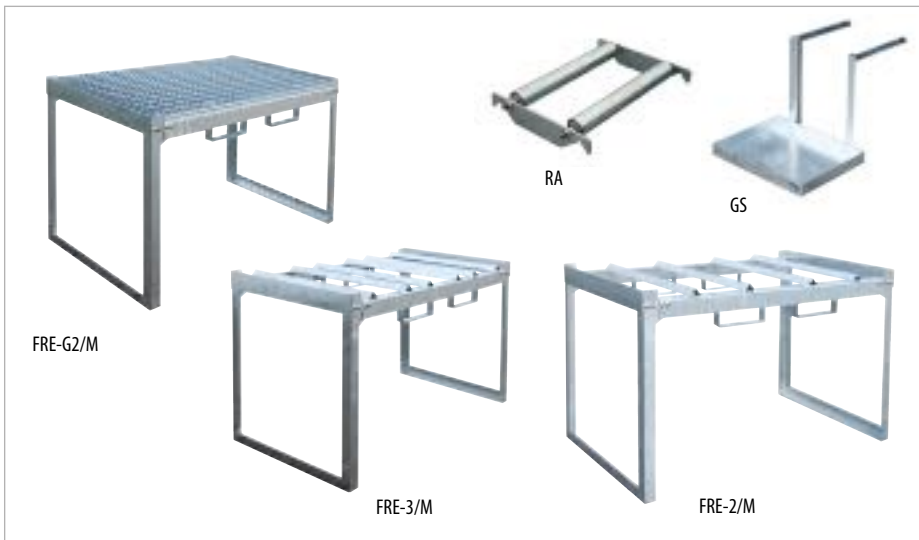
RAL 5012

RAL 6011

RAL 7005

galvanized

SHELF UNITS FOR DRUMS AND SMALL CANS **TYPE FRE**



Horizontal storage and filling. For max. 4 x 200 litre drums or in combination with 60 litre drums and/or canisters and small cans

Modular design, choose from:

- **Drum Shelf FRE/M** for 60 or 200 litres drums, hot-dip galvanized, with fork pockets, construction screwed together, can be stacked max. 2 high, kit form
- **Can Shelf FRE-G/M** for canisters and/or cans, hot-dip galvanized, with grid and fork pockets, can be stacked max. 2 high, kit form
- **Can Stand GS**
- **Clip-on Rotating Support RA** for rotating 60 or 200 litre drums
- **Sump Tray** from series 2000, 1200 x 800 mm and 1200 x 1200 mm, with/without grid (please refer to page 80/81)

Alternatively, choose any other sump tray from our range that measures 1200 x 800 mm or 1200 x 1200 mm e.g. Spline Sumps (please refer to page 88)

Combine these versatile modular units and plan your storage area to meet your needs.

Examples of combinations



SET A:
S 2031 + FRE-2/M



SET B:
S 2018 + FRE-1/M + FRE-G1/M



SET C:
S 2032 + FRE-2/M + GS + FRE-G2/M



SET D:
S 2032 + FRE-2/M - GS + FRE-3/M



Spline Sump PW

| | | Max. no. of drums no. x litre | Dimensions in mm (l x w x h) | Transport dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg galv. |
|-------------------------|--------------------|----------------------------------|---------------------------------|---|------------------------|-----------------------|
| Drum Shelf | FRE-1/M | 1 x 200 | 910 x 790 x 780 | 785 x 780 x 200 | 500 | 25 |
| Can Shelf | FRE-G1/M | | 910 x 790 x 780 | 785 x 780 x 200 | 500 | 35 |
| Sump Tray from | Series 2000 | | 800 x 1200 x 360 | | | |
| Drum Shelf | FRE-2/M | 2 x 200 | 1310 x 800 x 780 | 1180 x 785 x 200 | 500 | 30 |
| Drum Shelf | FRE-3/M | 3 x 60 | 1310 x 800 x 780 | 1180 x 785 x 200 | 500 | 33 |
| Can Shelf | FRE-G2/M | | 1310 x 800 x 780 | 1185 x 785 x 200 | 500 | 42 |
| Sump Tray from | Series 2000 | | 1200 x 1200 x 285 | | | |
| Can Stand | GS | | 400 x 300 x 350 | | 10 | 5 |
| Rotating Support | RA 60 | | 295 x 490 x 60 | | | 4 |
| Rotating Support | RA 200 | | 320 x 720 x 60 | | | 7 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

FILLING STATION TYPE FAS



FAS-4 + 2xFP-2 + KH

| | Max. no. of 200 litre drums | Dimensions in mm (l x w x h) | Retention capacity in l | Load capacity in kg | Weight in kg |
|-------|--------------------------------|---------------------------------|----------------------------|------------------------|-----------------|
| FAS-2 | 2 | 1300 x 1550 x 735 | 255 | 760 | 100 |
| FAS-4 | 4 | 1300 x 2900 x 735 | 355 | 1520 | 169 |
| FP-2 | 2 | 1280 x 750 x 250 | --- | --- | 22 |
| KH | | 375 x 485 x 460 | --- | --- | 5 |

Horizontal storage and filling; for max. 4 x 200 litre drums

- sump tray with supporting feet and carrying beams for drum pallets
- plug-in modular assembly system
- space-saving, economical transport

Accessories

- Can Rest KH, galvanized
- Drum Pallet FP-2, galvanized

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish: RAL 2000 RAL 3000 RAL 5012 RAL 6011 RAL 7005

DRUM SHELVES TYPE FR



FRA-2 + 2xFR-2 + FR-3



FRA-2 + FR-2



RA

Horizontal storage and filling; for max. 6 x 200 litre drums or 200 litre drums in combination with 60 litre drums

Modular design, choose from:

- **Sump Tray FRA** made of 3 mm steel sheet, 100 mm ground leeway, painted or hot-dip galvanized finish
- **Grid GR-FR**, galvanized, for Sump Tray type FRA
- **Drum Shelves FR** for 60/200 litre drums, galvanized, can be stacked max. 3 high, stacking corners with crane eyes
- **Can Shelf for small cans FRG** with galvanized grid for small cans, hot-dip galvanized, can be stacked max. 3 high, stacking corners with crane eyes
- **Can Stand GS**
- **Clip-on Rotating Support RA** for rotating 60/200 litre drums

| | Max. no. of drums no. x litre | Retention capacity in l | Dimensions in mm (l x w x h) | Load capacity in kg | Weight in kg painted/galv. |
|-------------------|----------------------------------|-------------------------|---------------------------------|------------------------|-------------------------------|
| Sump Tray | FRA-1 | 265 | 1200 x 800 x 415 | | 56 / 62 |
| Grid | GR-FRA-1 | | | | |
| Drum Shelf | FR-1 | 1 x 200 | 980 x 580 x 850 | 200 | -- / 38 |
| Sump Tray | FRA-2 | 308 | 1200 x 1200 x 335 | | 65 / 72 |
| Grid | GR-FRA-2 | | | | |
| Drum Shelf | FR-2 | 2 x 200 | 1380 x 580 x 850 | 400 | -- / 45 |
| Can Shelf | FRG | | 1380 x 580 x 850 | | |
| Sump Tray | FRA-3 | 308 | 1200 x 1200 x 335 | | 65 / 72 |
| Grid | GR-FRA-3 | | | | |
| Drum Shelf | FR-3 | 3 x 60 | 1380 x 580 x 850 | 400 | -- / 48 |
| Can Shelf | FRG | | 1380 x 580 x 850 | | |

- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish: RAL 2000 RAL 3000 RAL 5012 RAL 6011 RAL 7005 hot-dip galvanized

SUMP TRAY FOR SKIPS TYPE CW



For use with skips filled with waste contaminated with emulsions, cooling lubricants, oils etc. Can be used indoors or under cover.

- for skips compliant with DIN 30720 up to 10 m³
- sturdy steel construction
- covered tray to avoid further contamination of any liquid
- 4 suction openings, protected by a removable sieve; fill level can be seen through the openings so they also function as a level indicator
- 5° inclined surface area
- crane eyes for use with crane
- easy to clean

Individual construction on request e.g.

- for roll-on/roll-off containers compliant with standard DIN 30722
- other dimensions



CW 1



CW 3



Suction opening and level indicator

| | Dimensions in mm (l x w x h) | Retention capacity in l | Surface load in kg | Weight in kg |
|-------------|---------------------------------|----------------------------|-----------------------|-----------------|
| CW 1 | 2300 x 2030 x 560 | 1010 | 20000 | 562 |
| CW 2 | 2800 x 2030 x 560 | 1232 | 20000 | 709 |
| CW 3 | 3300 x 2030 x 560 | 1452 | 20000 | 810 |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

GROUND PROTECTION SPILL TRAYS BSW 21-24



Ground protection spill trays for storage and filling; can be driven on

- max. surface load 5000 kg/m²
- max. wheel load 500 kg
- pallet and forklift truck accessible

Modular design, choose from:

- Ground Protection Spill Trays BSW**
construction height 78 mm, with galvanized grid
- Access Ramps AR**
- Access Corner Piece AE**
- Cross-shaped Connector KV**, galvanized
- Tray Connecting Strip WV**, galvanized

8 x BSW + 6 x AR + 1 x AE + 3 x KV + 10 x WV (Accessories: Drum Trolley type FP-V, Drum Shelves type FR)

| | Ground Protection Spill Trays | | | | Access Ramps | | | Access Corner Pieces | Cross-shaped Connectors | Tray Connecting Strips | | |
|--------------------------|-------------------------------|--------------|--------------|--------------|--------------|-------------|-------------|----------------------|-------------------------|------------------------|------------|------------|
| | BSW 21 | BSW 22 | BSW 23 | BSW 24 | AR 21 | AR 22 | AR 23 | AE 24 | KV 24 | WV 21 | WV 22 | WV 23 |
| Dimensions in mm (lxwxh) | 1350x1350x78 | 1900x1350x78 | 2850x1350x78 | 2850x1900x78 | 1350x500x78 | 1900x500x78 | 2850x500x78 | 500x500x78 | Ø 120 height 16 | 1350x55x30 | 1900x55x30 | 2850x55x30 |
| Retention capacity in l | 135 | 190 | 185 | 400 | - | - | - | - | - | - | - | - |
| Weight in kg | 115 | 160 | 238 | 347 | 31 | 42 | 63 | 6 | 0,5 | 2 | 3 | 4 |

GROUND PROTECTION SPILL TRAYS BSW 121-126



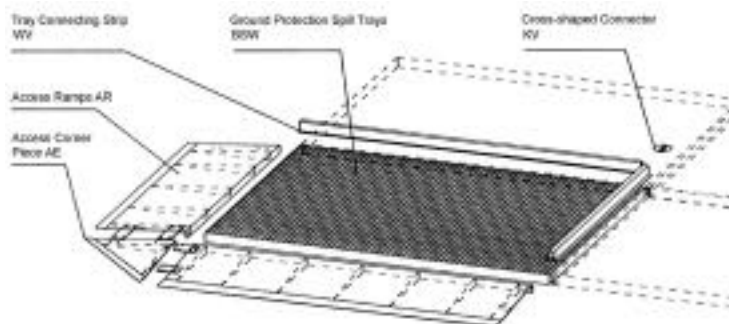
Ground protection spill trays for storage and filling; can be driven on

- similar to BSW 21-24 but a different height.
Construction height: 123 mm (BSW 121 - 126)

Accessories

- metal skirting to connect to the wall, galvanized
- for more accessories please refer to page 105

8 x BSW + 6 x AR + 1 x AE + 3 x KV + 10 x WV (Accessories: Drum Trolley FP-V, Drum Shelves FR)



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| Length mm | Tray Connecting Strip | | | | Cross-shaped Connector |
|-----------|-----------------------|--------|--------|--------|------------------------|
| | WV 121 | WV 122 | WV 123 | WV 124 | KV 24 |
| | 500 | 1000 | 2000 | 2500 | Ø 120 H 16 |

| | Ground Protection Spill Trays | | | | | | Access Ramps | | | | Access Corner Piece |
|--------------------------|-------------------------------|--------------|---------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|---------------------|
| | BSW 121 | BSW 122 | BSW 123 | BSW 124 | BSW 125 | BSW 126 | AR 121 | AR 122 | AR 123 | AR 124 | AE 124 |
| Dimensions in mm (lxwxh) | 500x500x123 | 1000x500x123 | 1000x1000x123 | 2000x1000x123 | 2500x500x123 | 2500x1000x123 | 500x1120x123 | 1000x1120x123 | 2000x1120x123 | 2500x1120x123 | 1120x1120x123 |
| Retention capacity in l | 29 | 59 | 119 | 238 | 148 | 297 | - | - | - | - | - |
| Weight in kg | 25 | 46 | 80 | 155 | 111 | 187 | 26 | 50 | 97 | 120 | 23 |

Finish: **galvanized** On request: **stainless steel**

GROUND PROTECTION SPILL TRAY FOR USE UNDER MACHINES **BSW**



For use under machines, bespoke design, according to the customer's specification

Modular design, choose from:

- **Ground Protection Spill Trays** with galvanized grid
- **Access Ramps AR**
- **Access Corner Pieces AE**
- **Cross-shaped Connector KV**, galvanized
- **Tray Connecting Strip WV**, galvanized



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

GROUND PROTECTION FLOOR ELEMENTS



Ground protection floor elements with a recess for a column and with a threshold ramp



Ground protection floor elements made of stainless steel



Folded threshold, can be driven on



Drain channel with grate

German legislation (VwS and WHG) stipulates that facilities that handle water-polluting substances i.e. loading or unloading operations etc. must be equipped with adequate containment protection. Ground Protection Floor Elements fulfil these requirements and also help prevent mechanical damage to the floor.

- bespoke design to suit the location
- short lead times mean short downtimes
- steel or stainless steel elements
- various material strengths
- steel plates are welded together on site and fixed to the ground using dowels
- layed and fitted to a firm, level surface
- non-slip surface that can be walked on
- adequate load capacity for pallet trucks; suitably designed, floor elements can also be driven on by a truck or forklift

Accessories

- threshold ramps
- folded or curved thresholds that can be driven on
- drain channel with grate
- a layer of impact sound insulation material or thermal insulation material between the Ground Protection Floor Elements and the original floor surface
- metal skirting to connect to the wall
- emergency showers, exhaust systems
- grid gratings

DIESEL FILLING POINT TYPE TAW



TAW with a crash guard



TAW with a crash guard



TAW with a crash guard

Private filling point for diesel and biodiesel for indoor use or under cover

- sturdy steel construction
- non-slip surface that can be walked on
- must be anchored to solid ground
- thresholds on 3 sides, can be driven on

Accessories

- crash guard
- metal skirting to connect to the wall

Individual construction on request

- size according to customer specification
- as many thresholds as required
- spray painted - your choice of colour from the RAL colour code chart
- **stainless steel**



| | Dimensions in mm (l x w x h) | Retention capacity in l | Weight approx. in kg |
|--------------|---------------------------------|----------------------------|-------------------------|
| TAW 1 | 4000 x 2000 x 50 | 303 | 412 |
| TAW 2 | 5000 x 2500 x 50 | 490 | 631 |
| TAW 3 | 6000 x 3000 x 50 | 723 | 884 |

Finish:

RAL 7036



- every unit tested for leakage
- diesel fuel compliant with DIN EN 590 and DIN EN 14214
- flammable liquids, GHS category 3
- hazardous to aquatic environment, GHS category 2

DIESEL FILLING POINT TYPE KPS



Private filling point for diesel and biodiesel for indoor use or under cover

- similar to TAW, but with a plug-in splash protection wall as a standard feature: galvanized steel sheet, 1000 mm high, must be assembled on site by customer

| | Dimensions in mm (l x w x h) | Retention capacity in l | Weight approx. in kg |
|-------|---------------------------------|----------------------------|-------------------------|
| KPS 1 | 4000 x 2000 x 50 | 303 | 478 |
| KPS 2 | 5000 x 2500 x 50 | 490 | 712 |
| KPS 3 | 6000 x 3000 x 50 | 723 | 984 |



- every unit tested for leakage
- diesel fuel compliant with DIN EN 590 and DIN EN 14214
- flammable liquids, GHS category 3
- hazardous to aquatic environment, GHS category 2

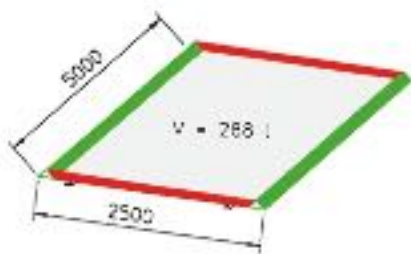
DIESEL FILLING POINT TYPE KPM



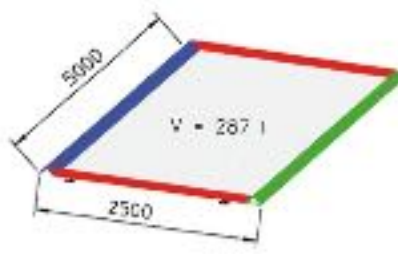
Private filling point for diesel and biodiesel for indoor use or under cover

- sturdy steel construction
- modular construction, easy to extend
- mobile, easy to transport
- each element is easily hooked up to the next
- non-slip surface, can be walked on
- prepared for anchoring to the ground
- threshold(s), can be driven on

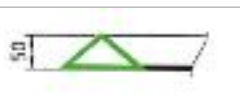
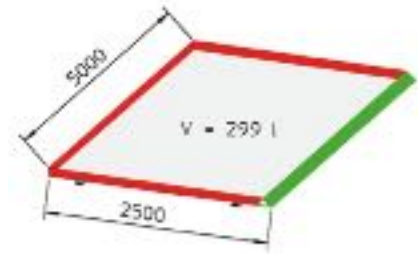
Basic section KPM 1



Extension section KPM 2



End section KPM 3



Threshold, can be driven on



Hook-in threshold



Folded edge

| | Dimensions in mm (l x w x h) | Retention capacity in l | Weight in kg |
|-------|---------------------------------|----------------------------|-----------------|
| KPM 1 | 5000 x 2500 x 50 | 288 | 588 |
| KPM 2 | 5000 x 2500 x 50 | 287 | 567 |
| KPM 3 | 5000 x 2500 x 50 | 299 | 570 |



- every unit tested for leakage
- diesel fuel compliant with DIN EN 590 and DIN EN 14214
- flammable liquids, GHS category 3
- hazardous to aquatic environment, GHS category 2

GAS CYLINDER CONTAINER TYPE GFC-M



GFC-M

Outdoor storage of gas cylinders, kit form with assembly instructions

- sturdy frame construction according to "TRGS 510"
- hinged door that can be locked
- prepared for anchoring to the ground

Types available

GFC-M

- without roof

GFC-M-DF

- without roof
- double hinged doors that can be locked, particularly useful for handling gas cylinder pallets

GFC-M/D

- with roof

GFC-M/D-DF

- with roof
- double hinged doors that can be locked, particularly useful for handling gas cylinder pallets



GFC-M/D-DF

Accessories

- fixture with safety chain for safe storage of gas cylinders Ø 230 mm in an upright position
- galvanized grid floor, particularly useful on uneven ground
- galvanized rack type GFG for gas cylinders up to 11 kg, can be stacked; kit form, saves space



Galvanized grid floor



Fixture with safety chain

| Size | Dimensions in mm (l x w x h) without/with roof | Max. no. of cylinders Ø 230 mm | Weight in kg type: GFC-M / -M/D / -M-DF / -M/D-DF |
|--------|---|-----------------------------------|--|
| GFC-M0 | 1085 x 1085 x ---- / 2170 | 16 | --- / 124 / --- / --- |
| GFC-M1 | 2100 x 1085 x 2070 / 2160 | 32 | 179 / 201 / 179 / 201 |
| GFC-M2 | 2100 x 1500 x 2070 / 2160 | 48 | 194 / 222 / 194 / 222 |
| GFC-M3 | 2400 x 1500 x 2070 / 2160 | 60 | 217 / 254 / 213 / 250 |
| GFC-M4 | 3100 x 1500 x 2070 / 2160 | 78 | 242 / 285 / 247 / 290 |
| GFC-M5 | 3100 x 2100 x 2070 / 2160 | 104 | 282 / 344 / 287 / 349 |

| | | |
|-----|-------------------|----|
| GFG | 1300 x 1000 x 850 | 37 |
|-----|-------------------|----|



2x type GFG, stacked

Finish:

hot-dip galvanized

GAS CYLINDER CONTAINER TYPE GFC-E



GFC-E/T

Outdoor storage of gas cylinders, fully assembled, fork pockets for pick-up by forklift truck

- sturdy frame construction according to "TRGS 510" with roof and floor
- double hinged doors that can be locked

Types available

GFC-E/T

- with stud plate floor (load capacity 1000 kg/m²)

GFC-E/G

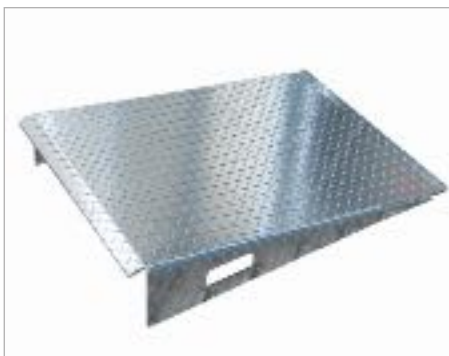
- with grid floor (load capacity 1000 kg/m²)



GFC-E/G (with dividing wall)

Accessories

- fixture with safety chain; for safe storage of gas cylinders Ø 230 mm, in an upright position, with safety chain
- galvanized rack type GFG for the storage of gas cylinders up to 11 kg, can be stacked (2 high), kit form, saves space
- access ramps
- dividing wall



Access ramp



Fixture with safety chain



GFC-E/G (with dividing wall)

| | Dimensions in mm (l x w x h) | Max. no. of gas cylinders Ø 230 mm | Weight in kg GFC-E/T / GFC-E/G |
|-----------------|---------------------------------|---------------------------------------|-----------------------------------|
| GFC-E M0 | 1085 x 1140 x 2170 | 16 | 210 / 194 |
| GFC-E M1 | 2115 x 1155 x 2260 | 32 | 365 / 336 |
| GFC-E M2 | 2115 x 1570 x 2260 | 45 | 432 / 393 |
| GFC-E M3 | 2535 x 1575 x 2260 | 60 | 484 / 438 |
| GFC-E M4 | 3135 x 1570 x 2260 | 78 | 583 / 518 |
| GFC-E M5 | 3135 x 2170 x 2260 | 104 | 777 / 688 |
| GFG | 1300 x 1000 x 850 | | 37 |

Finish:

hot-dip galvanized

GAS CYLINDER CONTAINER TYPE GFC-B



Outdoor storage of gas cylinders, fully assembled, F90 fire-resistant walls and roof; DIN 4102 compliant

- sturdy frame construction according to "TRGS 510" with roof and floor
- wire mesh hinged door that can be locked
- stud plate floor
- prepared for anchoring to the ground

Accessories

- fixture with safety chain; for safe storage of gas cylinders Ø 230 mm in an upright position
- galvanized rack type GFG for the storage of gas cylinders up to 11 kg, can be stacked (2 high); kit form, saves space
- fire-resistant dividing wall, F90

GFC-B M5



GFC-B M2



GFC-B with fire-resistant dividing wall

| | Dimensions (approx.) in mm (l x w x h) | Max. no. of gas cylinders Ø 230 mm | Weight (without dividing wall) (approx.) in kg |
|-----------------|---|---------------------------------------|---|
| GFC-B M0 | 1185 x 1090 x 2205 | 9 | 330 |
| GFC-B M1 | 2120 x 1175 x 2265 | 28 | 545 |
| GFC-B M2 | 2125 x 1570 x 2265 | 35 | 640 |
| GFC-B M3 | 2425 x 1570 x 2265 | 45 | 776 |
| GFC-B M4 | 3120 x 1570 x 2295 | 60 | 875 |
| GFC-B M5 | 3125 x 2175 x 2270 | 96 | 1150 |
| GFG | 1300 x 1000 x 850 | | 37 |

Finish: RAL 2000 RAL 3000 RAL 5012 RAL 6011 RAL 7005 RAL 9002

GAS CYLINDER CONTAINER TYPE GFC



GFC + AR

| | Dimensions in mm (l x w x h) | Max. no. of gas cylinders Ø 230 mm | Weight in kg |
|--------------|---------------------------------|--|-----------------|
| GFC-1 | 3060 x 1360 x 2290 | 48 single cylinders or 2 pallets with 12 cylinders or 1 pallet with 12 cylinders + 24 single cylinders | 496 |
| GFC-2 | 3060 x 1360 x 2290 | 48 single cylinders or 2 pallets with 12 cylinders or 1 pallet with 12 cylinders + 24 single cylinders | 556 |

Outdoor storage of gas cylinders according to "TRGS 510"

- sturdy frame construction
- roof and rear wall made of steel sheet
- double hinged doors that can be locked
- doors and side walls made of wire mesh
- galvanized grid floor
- foot plates for anchoring to the ground
- fixture with safety chain

Types available

GFC-1

- with grid floor (load capacity 1000 kg/m²)

GFC-2

- with stud plate floor 1000 kg/m²

Accessories

- Access Ramp type AR

GAS CYLINDER DEPOTS TYPE GFD



Indoor and outdoor storage of gas cylinders according to "TRGS 510"

- with rear wall, floor and intermediate level
- kit form - easy to assemble

Types available

GFD-G

- galvanized steel sheet
- closed construction
- with lock

GFD-L

- galvanized steel sheet
- natural air circulation, i.e. punched holes in the door and side walls
- with lock

GFD-R

- mobile, drive to wherever required
- with 2 handle bars and 2 wheels
- door and walls made of wire mesh
- door can be locked using a padlock (not part of the scope of supply)

| | Dimensions in mm (l x w x h) | No. of doors / design | Max. no. of 11 kg gas cylinders | Weight in kg painted / galvanized |
|----------------|---------------------------------|-----------------------|------------------------------------|--------------------------------------|
| GFD-G 1 | 840 x 690 x 1475 | 1 / closed | 10 | -- / 91 |
| GFD-G 2 | 1680 x 690 x 1475 | 2 / closed | 20 | -- / 182 |
| GFD-L 1 | 840 x 690 x 1475 | 1 / punched holes | 10 | -- / 75 |
| GFD-L 2 | 1680 x 690 x 1475 | 2 / punched holes | 20 | -- / 150 |
| GFD-R 2 | 575 x 500 x 1580 | 1 / wire mesh | 2 | 48 / 52 |
| GFD-R 4 | 915 x 500 x 1580 | 1 / wire mesh | 4 | 62 / 66 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

galvanized

GAS CYLINDER WALL BRACKETS TYPE GWH



GWH 320-I



GWH 230-II

| | Max. no. of cylinders | For gas cylinder Ø (mm) | Dimensions in mm (l x w x h) | Weight in kg |
|-------------|-----------------------|-------------------------|------------------------------|--------------|
| GWH 140-I | 1 | 140 | 200 x 90 x 50 | 1 |
| GWH 140-II | 2 | 140 | 420 x 90 x 50 | 2 |
| GWH 140-III | 3 | 140 | 640 x 90 x 50 | 3 |
| GWH 230-I | 1 | 230 | 290 x 135 x 50 | 1 |
| GWH 230-II | 2 | 230 | 600 x 135 x 50 | 2 |
| GWH 230-III | 3 | 230 | 910 x 135 x 50 | 4 |
| GWH 320-I | 1 | 320 | 380 x 180 x 50 | 2 |
| GWH 320-II | 2 | 320 | 780 x 180 x 50 | 3 |
| GWH 320-III | 3 | 320 | 1180 x 180 x 50 | 5 |

GWH 230-III



DRAINING UNIT FOR DRUMS TYPE MR




| | Transport dimensions in mm (l x w x h) | Dimensions when in use in mm (l x w x h) | Retention capacity in l | Weight painted in kg |
|----|--|--|-------------------------|----------------------|
| MR | 842 x 800 x 415 | 1260 x 800 x 1230 | 210 | 61 |

For draining 60 and 200 litre steel bunghole drums

- sump tray made of 3 mm steel sheet
- galvanized handle - swing to upturn the drum
- fixture to fit 60/200 litre steel drums
- manual operation - max. 30 kg
- galvanized plug-in drip tray incl. 3/4" drain cook

Accessory

- drum opener made of stainless steel for 3/4" and 2" bung covers



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

GREEN-LINE SAFETY CABINET TYPE SIW



SIW 2005




SIW 1005

| | Dimensions in mm (w x d x h) | Retention capacity in l | Weight in kg |
|----------|------------------------------|-------------------------|--------------|
| SIW 1005 | 1000 x 500 x 900 | 2 x 20 | 85 |
| SIW 2005 | 1000 x 500 x 1800 | 4 x 20 | 123 |

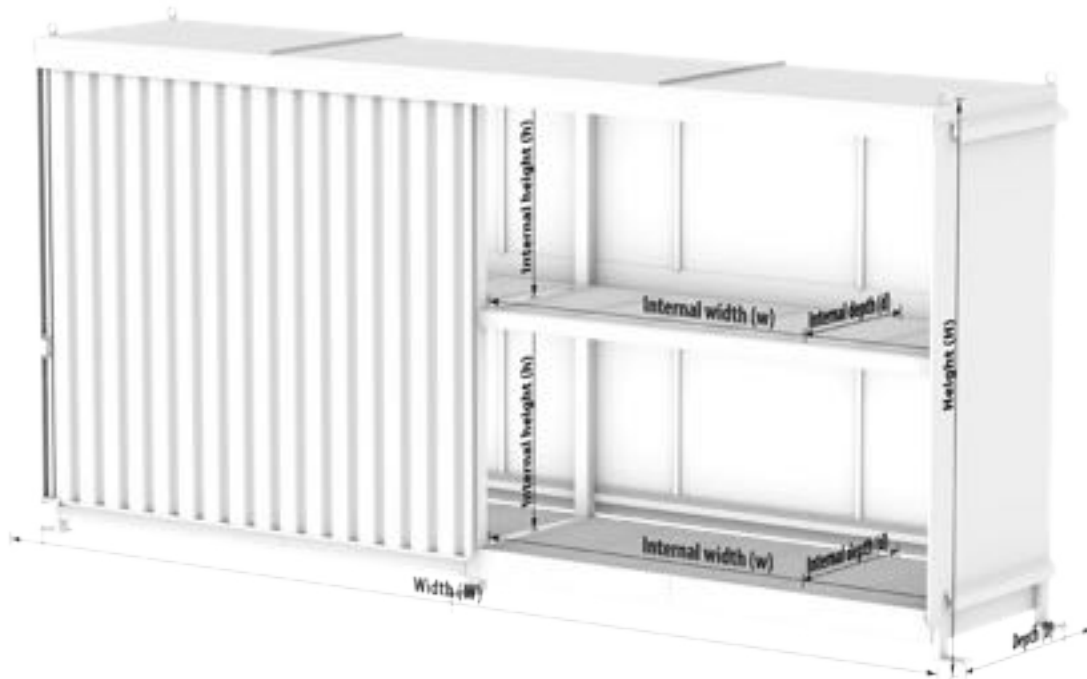
Safe storage of canisters and small cans

- sturdy steel construction, GS-mark
- reinforced hinged doors with bascule lock (3 rods) bascule lock and safety lock cylinder
- cabinet body powder coated (inside and out) **RAL 7035**
- doors powder coated **RAL 5010**
- removable spill trays, galvanized, 70 mm high, can be fitted at 30 mm intervals



- every unit tested for leakage
- liquids with a flashpoint > 55° C
- hazardous to aquatic environment, GHS categories 1 - 4

STORAGE CONTAINERS FOR HAZARDOUS MATERIALS



Shelf Containers, heatable or insulated (type CEH)



Shelf Containers type CE



Shelf Containers type CEN, natural ventilation



Depot Containers, heatable or insulated (type CEH)



Brandschutzcontainer Typ CB



Heating Chambers type WK

SHELF CONTAINERS TYPE CEN



2 storage levels, access from one side



2 storage levels, access from two sides



3 storage levels, access from two sides

Safe storage of flammable and environmentally hazardous substances – regulation compliant, for indoor and outdoor use

- sturdy steel frame construction with a sump tray and galvanized grids
- sump tray: material strength 5 mm
- ground leeway 100 mm
- natural ventilation
- with double wing doors or sliding doors
- guide track for the sliding doors (also serves as crash guard for the sump) standard feature for containers with 3 storage levels, otherwise an optional extra
- prepared for anchoring to the ground
- with crane lifting eyes to facilitate loading/unloading and securing loads

Types available

please refer to page 127

Accessories

- earthing / potential equalisation
- electrically operated rolling gate
- lighting (explosion proof lighting also available)
- fire extinguishing systems as specified
- Drum Supports FA, galvanized (please refer to page 105)
- Can Shelves GR, galvanized (please refer to page 105)
- PE inlays for sump trays
- stainless steel sump trays

Shelf Containers are also available in other sizes and a variety of RAL colours. Individual project engineering on request. Please contact us - we'll be glad to help.



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

RAL 9002

Shelf Containers
2 storage levels
access from one side



| | CEN 29-2 | CEN 29-2 IBC | CEN 33-2 IBC | CEN 36-2 | CEN 59-2 | CEN 59-2 IBC | CEN 65-2 IBC | CEN 75-2 | CEN 81-2 |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|
| Storage capacity | | | | | | | | | |
| EP / CP3 / IBC * | 6 / 4 / - | - / - / 4 | - / - / 6 | 8 / - / - | 12 / 8 / - | - / - / 8 | - / - / 12 | 16 / 8 / - | 16 / 12 / - |
| Ext. dimensions (WxDxH) | 3175 x 1500 | 3175 x 1500 | 3510 x 1500 | 3910 x 1500 | 6245 x 1550 | 6245 x 1550 | 7100 x 1550 | 7800 x 1550 | 8400 x 1550 |
| apx. in mm | 2980 | 3465 | 3485 | 3190 | 2980 | 3465 | 3395 | 3150 | 3150 |
| Int. dimensions (wxdxh) | 2970 x 1270 | 2970 x 1270 | 3300 x 1270 | 3600 x 1270 | 2920 x 1270 | 2920 x 1270 | 3250 x 1270 | 3550 x 1270 | 3850 x 1270 |
| apx. in mm | 1250 | 1400 | 1400 | 1250 | 1250 | 1400 | 1400 | 1250 | 1250 |
| Retention capacity in l | 484 | 1187 | 1000 | 480 | 640 | 2000 | 1380 | 1500 | 1600 |
| Type of doors | double wing doors | double wing doors | double wing doors | double wing doors | sliding doors | sliding doors | sliding doors | sliding doors | sliding doors |

Shelf Containers
3 storage levels
access from one side
two-part construction to
facilitate transportation



| | CEN 29-3 | CEN 29-3 IBC | CEN 33-3 IBC | CEN 36-3 | CEN 59-3 | CEN 59-3 IBC | CEN 65-3 IBC | CEN 75-3 | CEN 81-3 |
|--------------------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|---------------|
| Storage capacity | | | | | | | | | |
| EP / CP3 / IBC * | 9 / 6 / - | - / - / 6 | - / - / 9 | 12 / - / - | 18 / 12 / - | - / - / 12 | - / - / 18 | 24 / 12 / - | 24 / 18 / - |
| Ext. dimensions (WxDxH) | 3275 x 1500 | 3275 x 1500 | 3610 x 1500 | 3910 x 1500 | 6345 x 1550 | 6345 x 1550 | 7200 x 1550 | 7800 x 1550 | 8400 x 1550 |
| apx. in mm | 4415 | 4965 | 4985 | 4550 | 4415 | 4965 | 4950 | 4550 | 4550 |
| Int. dimensions (wxdxh) | 2970 x 1270 | 2970 x 1270 | 3300 x 1270 | 3600 x 1270 | 2920 x 1270 | 2920 x 1270 | 3250 x 1270 | 3550 x 1270 | 3850 x 1270 |
| apx. in mm | 1250 | 1400 | 1400 | 1250 | 1250 | 1400 | 1400 | 1250 | 1250 |
| Retention capacity in l | 480 | 1000 | 1000 | 480 | 960 | 2000 | 1800 | 1500 | 1600 |
| Type of doors | double wing doors | double wing doors | double wing doors | double wing doors | sliding doors | sliding doors | sliding doors | sliding doors | sliding doors |

Shelf Containers
2 storage levels
access from two sides



| | CEN 29-2b | CEN 29-2b IBC | CEN 33-2b IBC | CEN 36-2b | CEN 59-2b | CEN 59-2b IBC | CEN 65-2b IBC | CEN 75-2b | CEN 81-2b |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| Storage capacity | | | | | | | | | |
| EP / CP3 / IBC * | 12 / 8 / - | - / - / 8 | - / - / 12 | 16 / - / - | 24 / 16 / - | - / - / 16 | - / - / 24 | 32 / 16 / - | 32 / 24 / - |
| Ext. dimensions (WxDxH) | 3275 x 2950 | 3275 x 2950 | 3610 x 2950 | 4010 x 2950 | 6345 x 2950 | 6345 x 2950 | 7200 x 2950 | 7800 x 2950 | 8400 x 2950 |
| apx. in mm | 2980 | 3465 | 3485 | 3190 | 3070 | 3370 | 3395 | 3150 | 3150 |
| Int. dimensions (wxdxh) | 2970 x 1290 (2x) | 2970 x 1290 (2x) | 3300 x 1290 (2x) | 3600 x 1290 (2x) | 2920 x 1290 (2x) | 2920 x 1290 (2x) | 3250 x 1290 (2x) | 3550 x 1290 (2x) | 3850 x 1290 (2x) |
| apx. in mm | 1250 | 1400 | 1400 | 1250 | 1250 | 1400 | 1400 | 1250 | 1250 |
| Retention capacity in l | 640 | 2000 | 2000 | 960 | 2000 | 2000 | 2760 | 3000 | 3200 |
| Type of doors (both sides) | double wing doors | double wing doors | double wing doors | double wing doors | sliding doors | sliding doors | sliding doors | sliding doors | sliding doors |

Shelf Containers
3 storage levels
access from two sides
two-part construction to
facilitate transportation



| | CEN 29-3b | CEN 29-3b IBC | CEN 33-3b IBC | CEN 36-3b | CEN 59-3b | CEN 59-3b IBC | CEN 65-3b IBC | CEN 75-3b | CEN 81-3b |
|-----------------------------------|-------------------|-------------------|-------------------|-------------------|------------------|------------------|------------------|------------------|------------------|
| Storage capacity | | | | | | | | | |
| EP / CP3 / IBC * | 18 / 12 / - | - / - / 12 | - / - / 18 | 24 / - / - | 36 / 24 / - | - / - / 24 | - / - / 36 | 48 / 24 / - | 48 / 36 / - |
| Ext. dimensions (WxDxH) | 3275 x 2950 | 3275 x 2950 | 3610 x 2950 | 3910 x 2950 | 6345 x 2950 | 6345 x 2950 | 7200 x 2950 | 7800 x 2950 | 8400 x 2950 |
| apx. in mm | 4415 | 4965 | 4985 | 4540 | 4415 | 5000 | 4950 | 4550 | 4550 |
| Int. dimensions (wxdxh) | 2970 x 1290 (2x) | 2970 x 1290 (2x) | 3300 x 1290 (2x) | 3600 x 1290 (2x) | 2920 x 1290 (2x) | 2920 x 1290 (2x) | 3250 x 1290 (2x) | 3550 x 1290 (2x) | 3850 x 1290 (2x) |
| apx. in mm | 1250 | 1400 | 1400 | 1250 | 1250 | 1400 | 1400 | 1250 | 1250 |
| Retention capacity in l | 960 | 2000 | 2000 | 960 | 1920 | 4000 | 3600 | 3000 | 3200 |
| Type of doors (both sides) | double wing doors | double wing doors | double wing doors | double wing doors | sliding doors | sliding doors | sliding doors | sliding doors | sliding doors |

DEPOT CONTAINERS TYPE CEH



Insulated storage container - safe, compliant, temperature controlled storage of flammable materials and materials that pose a threat to the environment. For use indoors or outdoors.

- sturdy steel frame construction with a sump tray and galvanized grids
- sump tray: material strength 5 mm
- ground leeway 100 mm
- various types of insulation (e.g. non combustible fire classification A1, DIN 13501-1 compliant)
- with double wing doors or sliding doors
- guide track for the sliding doors (also serves as crash guard for the sump)
- prepared for anchoring to the ground
- with crane lifting eyes to facilitate loading/unloading and securing loads

Accessories

- natural or technical ventilation
- earthing / potential equalisation
- heating/air conditioning/air circulation fan to improve warm air distribution (explosion proof systems also available)
- electrically operated roll up door
- lighting (explosion proof lighting also available)
- fire extinguishing systems as specified
- Drum Supports FA, Can Shelves GR galvanized (please refer to page 105)
- PE inlays for sump trays
- stainless steel sump trays
- Note:
Heating Chambers - please refer to page 133



Depot Containers are also available in other sizes and a variety of RAL colours. Individual project engineering on request. Please contact us - we'll be glad to help.



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

| | CEH 29-2 | CEH 29-2 IBC | CEH 36-2 | CEH 38-2 | CEH 59-2 | CEH 59-2 IBC | CEH 75-2 | CEH 81-2 |
|------------------------------------|-------------------|-------------------|-------------------|-------------------|---------------|---------------|---------------|---------------|
| Storage level | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Storage capacity * | | | | | | | | |
| EP / CP3 / IBC ** | 6 / 4 / - | - / - / 4 | - / - / 6 | 8 / - / - | 12 / 8 / - | - / - / 8 | - / - / 12 | 16 / 12 / - |
| Ext. dimensions *** (WxDxH) | 3220 x 1500 | 3220 x 1500 | 3850 x 1500 | 4150 x 1500 | 6440 x 1550 | 6440 x 1550 | 7800 x 1550 | 8400 x 1550 |
| apx. in mm | 3030 | 3510 | 3550 | 3140 | 3030 | 3510 | 3490 | 3190 |
| Int. dimensions (wxdxh) | 2970 x 1290 | 2970 x 1290 | 3500 x 1290 | 3800 x 1290 | 2920 x 1270 | 2920 x 1270 | 3550 x 1290 | 3850 x 1290 |
| apx. in mm | 1250 | 1400 | 1400 | 1250 | 1250 | 1400 | 1400 | 1250 |
| Retention capacity in l | 484 | 1187 | 1000 | 480 | 640 | 2000 | 1500 | 1600 |
| Type of doors | double wing doors | double wing doors | double wing doors | double wing doors | sliding doors | sliding doors | sliding doors | sliding doors |

* storage capacity can vary, depending on the type heating system chosen

** EP = Euro pallet CP3 = chemical pallet IBC = Intermediate Bulk Container

*** External dimensions and internal shelf widths vary, depending on the type of insulating material used (thickness) and type of heating system chosen

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

RAL 9002

DEPOT CONTAINERS TYPE CR / CRN / CRH



Walk-in container, for indoor or outdoor use; storage space or a workplace for dispensing/decanting; also pallet truck accessible

- sturdy steel frame construction with a sump tray and galvanized grids
- double wing doors or sliding doors
- double wing doors with emergency panic lock
- sump tray: material strength 5 mm
- retention capacity calculated to comply with legal requirements
- with crane lifting eyes to facilitate loading/unloading and securing loads

Types available

CR

- as described above

CRN

- natural ventilation

CRH

- insulated

Accessories

- with natural or technical ventilation
- heating/air conditioning/air circulation fan to improve warm air distribution (explosion proof systems also available)
- shelving systems / pallet racking
- local exhaust ventilation (workplace fume/dust extraction)
- emergency shower / emergency cabinet
- gas detector
- earthing / potential equalisation
- windows
- PE inlays for sump trays
- stainless steel sump trays



Our standard is made to measure



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

FIREPROOF CONTAINERS TYPE CB



Safe storage and handling of flammable or poisonous materials, for indoor and outdoor use

- fire resistant from inside and outside, class REI 90 DIN 13501-2 compliant
- sturdy steel frame construction with a sump tray and galvanized grids
- sump tray: material strength 5 mm
- self-closing vents
- mechanical, self-closing T90 wing doors
- with crane lifting eyes to facilitate loading/unloading and securing loads
- prepared for anchoring to the ground
- potential equalisation
- fan for Ex Zone 2

Accessories (please refer to page 130)



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

RAL 9002

FIREPROOF CONTAINERS TYPE CB



CB 200



CB 500-IBC



CB 1000

Accessories

- doors fitted with magnetic door holder and automatic door closer activated in the event of a fire
- switch cabinet with control keys
- a variety of inlays for sump trays
- fireproof vents
- fire alarms/fire extinguishing systems
- connection for foam fire extinguishing systems
- fan for Ex Zone 1 incl. exhaust air monitoring function
- explosion proof heating/air conditioning
- explosion proof lighting systems, switches and sockets
- shelving systems / pallet racking
- visual and acoustic alarms
- gas detector
- local exhaust ventilation (workplace fume/dust extraction)

Fireproof Containers are also available in other sizes and a variety of RAL colours. Individual project engineering on request. Please contact us - we'll be glad to help.



| | CB 200 | CB 300-IBC | CB 400 | CB 500 | CB 500-IBC | CB 1000 | CB 1000-IBC |
|--|---------------------|---------------------|---------------------|---------------------|---------------------|-------------------------|-------------------------|
| No. of storage levels | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| Storage capacity EP / CP3 / IBC * | 2 / 1 / - | 3 / 2 / 2 | 4 / 2 / - | 6 / 4 - | 6 / 4 / 4 | 12 / 8 / 8 | 12 / 8 / 8 |
| Ext. dimensions (WxDxH) apx. in mm (not including any additional components such as a switch cabinet) | 2530 x 2000 x 2570 | 3280 x 2000 x 2750 | 2530 x 2000 x 3700 | 3600 x 2000x 3700 | 3600 x 2000 x 3950 | 6780 x 2000 x 3700 | 6780 x 2000x 3950 |
| Int. dimensions (wxdxh) apx. in mm | 1900 x 1350 x 1700 | 2650 x 1350 x 1700 | 1825 x 1250 x 1275 | 2900 x 1250 x 1240 | 2900 x 1250 x 1375 | 2900 x 1250 x 1240 | 2900 x 1250 x 1375 |
| Retention capacity in l | 370 | 1100 | 750 | 1100 | 1100 | 2200 | 2200 |
| Type of doors | double hinged doors | double hinged doors | double hinged doors | double hinged doors | double hinged doors | 2 x double hinged doors | 2 x double hinged doors |

* EP = Euro pallet CP3 = chemical pallet IBC = Intermediate Bulk Container

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

RAL 9002

WALK-IN FIREPROOF CONTAINERS TYPE RCB



RCB 5 with Small Can Shelving and lighting

Walk-in, insulated container, for indoor or outdoor use; storage space or a workplace for dispensing/decanting. For flammable, oxidising or poisonous materials

- fire resistant from inside and outside, class REI 90 DIN 13501-2 compliant
- sturdy steel frame construction with a sump tray and galvanized grids
- sump tray: material strength 5 mm
- self-closing vents
- mechanical, self-closing T90 wing doors with panic lock on the long side (can also be fitted on the short side on request)
- crane lifting eyes to facilitate loading/unloading and securing loads
- prepared for anchoring to the ground
- potential equalisation
- fan for Ex Zone 2


Accessories

- access ramp made of non-slip steel sheet
- fan for Ex Zone 1 incl. exhaust air monitoring function
- doors with magnetic door holder and automatic door closer activated in the event of a fire
- siren/lamp
- lighting
- Small Can Shelving, Drum Supports FA, galvanized



RCB 15 with the door on the short side

| | RCB 5 | RCB 10-L | RCB 15-L | RCB 20-L |
|---|--------------------|--------------------|--------------------|--------------------|
| Storage space apx. in m ² | 5 | 10 | 15 | 20 |
| Ext. dimensions (WxDxH) apx. in mm (not including any additional components such as a switch cabinet) | 2480 x 2800 x 2650 | 4500 x 2880 x 2650 | 6820 x 2880 x 2650 | 9000 x 2880 x 2650 |
| Int. dimensions (wxdxh) apx. in mm | 2260 x 2250 x 2140 | 4280 x 2250 x 2140 | 6600 x 2250 x 2140 | 8780 x 2250 x 2140 |
| Retention capacity in l | 530 | 1080 | 1700 | 2250 |
| Door located on | - | long side | long side | long side |



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Painted finish according to your choice from the RAL colour code chart

FIREPROOF CONTAINERS – **INDIVIDUAL CONSTRUCTIONS**



HEATING CHAMBERS TYPE WK



Field of Application

- heat substances, temperature range from frost free to 150° C
- melt materials
- "temper" material i.e. modify properties
- maintain a constant material temperature

A Variety of Designs

- various heating systems (electric / steam / warm water / thermal fluid etc.)
- control systems: fault sensor, temperature display, time switch, systems that use lost heat
- approved sumps, made of various materials (steel, stainless steel, PE)
- special coating inside/outside
- suitable for: Euro or chemical pallets, IBCs, 60/200 litre drums, canisters and small cans

Salient Features

- DIBt National Approval Z-38.5-103 (German Approval Authority)
- energy-efficient thanks to customized insulation
- highly effective -> low operating costs
- bespoke chamber dimensions (w/h/d)
- optimal, uniform warm air distribution - warm air is blown into the chamber through the air ducts and baffle plates (across the entire width of the container)
- sturdy locking mechanisms, e.g. double wing door with cam lock
- Heating Chambers are easy to transport (non-stationary) and can be positioned to deliver maximum benefit to an existing manufacturing process
- **"Our standard is made to measure"**
- individual constructions according to customer requirements

Heat treat substances in preparation for manufacturing processes; store temperature sensitive components

- maintain a constant storage temperature
- for indoor and outdoor use
- each unit is an individual construction - energy efficiency and optimal operation guaranteed

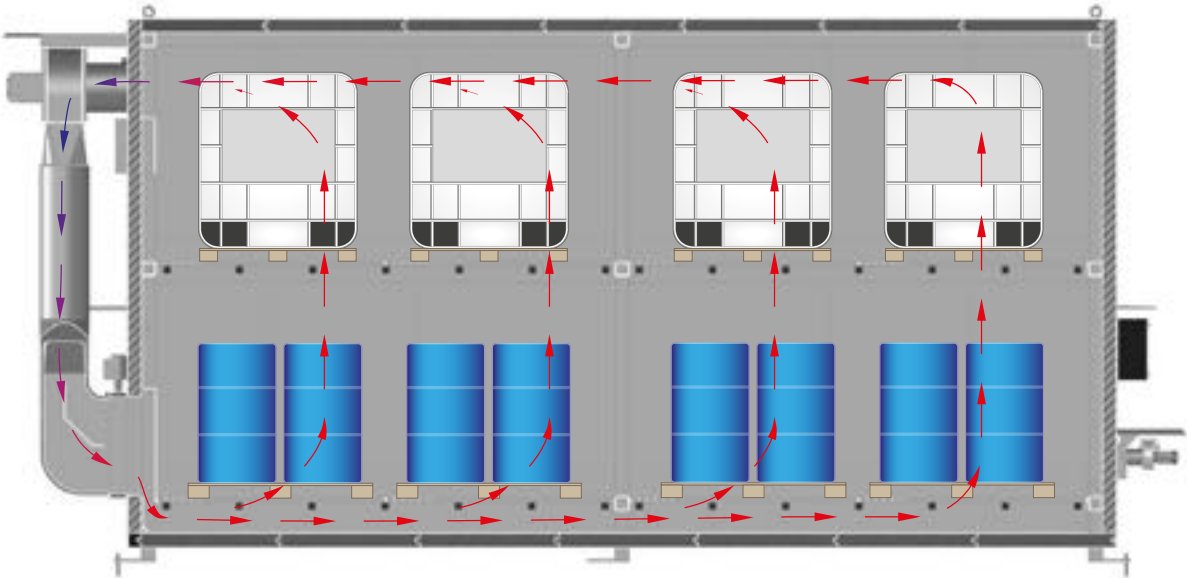
Accessories

- temperature sensors for stored material
- lighting
- ventilation
- inspection window
- for Ex Zones
- control technology according to the customer's requirements



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

HEATING CHAMBERS TYPE WK



Ideal, uniform distribution of warm air - highly effective



COLLECTION POINTS TRGS 520 COMPLIANT (German legislation, Technical Rules for Hazardous Substances)



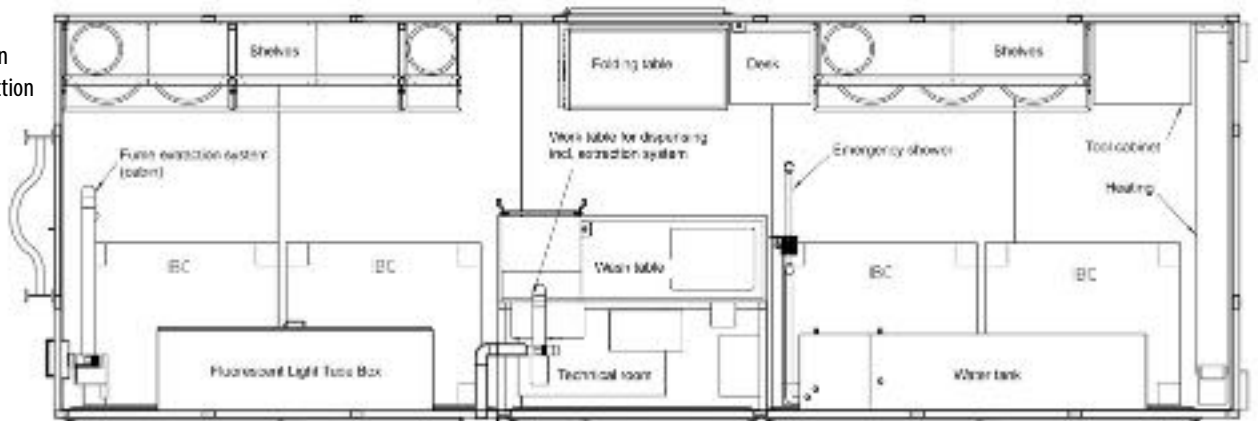
Collection of hazardous materials produced by households, TRGS 520 compliant.

- mobile or stationary unit
- size of reception area and workspace can be varied
- can be infinitely extended
- equipped according to the given requirement
- insulated reception area; workspace not insulated
- exterior fireproof walls (90 minutes) where safety clearance is not given
- retention capacity according to the relevant legal requirement and stipulations for the location in question

Complete solutions from one source

- cost-effective planning
- negotiations with authorities/approvals
- supply and assembly

Example:
basic configuration
for a mobile collection
point



Painted finish according to your choice from the RAL colour code chart

COLLECTION POINTS TRGS 520 COMPLIANT (German legislation, Technical Rules for Hazardous Substances)



Accessories

- office integrated into workspace
- window(s) with shutters
- mobile reception desk
- extraction systems for workspace
- emergency eye wash and shower equipment
- shelving systems
- pallet racking
- explosion proof heating
- explosion proof air conditioning
- explosion proof electrical equipment, including lighting, switches, sockets, etc.
- emergency cabinet
- wash basin
- safety cabinet
- reception area covered by a roof



Explosion proof electric heating



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

HAZARDOUS MATERIALS STORAGE FACILITIES



Safe storage of materials that pose a threat to the environment (e.g. flammable or poisonous materials, oxidising agents, acids, alkalis etc.) – in compliance with the relevant legislation

- mobile, can be extended
- covered area for loading and unloading
- insulated to protect from frost
- with fire compartments
- integrated decanting/transfer workspace
- trapezoidal roofing sheets, translucent roof panels etc.
- wide range of fire fighting water containment systems
- storage areas for skips
- various types of sump tray available:
 - ▶ steel / stainless steel
 - ▶ PE inlays
 - ▶ coatings
- steel or concrete construction depending on the conditions on site and monies available

Accessories

- gangways with sealed floor
- integrated doors close the gangways
- heating / air conditioning
- lighting for gangways (explosion proof systems available)
- fire extinguishing systems according to the given specification / fire warning systems
- emergency shower / emergency cabinet
- fire-fighting water containment barriers
- gas detector
- other safety equipment according to the given specification
- earthing / potential equalisation

Our standard is made to measure



- every unit tested for leakage
- flammable liquids, GHS categories 1 - 3
- hazardous to aquatic environment, GHS categories 1 - 4

Painted finish according to your choice from the RAL colour code chart

HAZARDOUS MATERIALS STORAGE FACILITIES



MINI-CONTAINER-SYSTEM TYPE MCS



For separate collection of recyclables and waste materials

- conical construction with all round reinforced edging
- integrated pick-up points for use with a grab
- recessed crane eyes
- saves space
- can be stacked inside one another
- light weight
- controlled emptying using the hydraulic grab MCG

Accessories

- fork pockets for pick-up by forklift truck
- aluminium snap-on cover, lockable (NOT stackable)
- grab MCG, hydraulic, tilt angle 150°
- trolley with 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with with brake – construction height 225 mm



MC with aluminium snap-on cover



Trolley for MC



Recessed crane eyes



MC 500 with fork pockets



MC 1000 with grab MCG



MC 1000 with fork pockets

| | Volume in m ³ | Dimensions in mm (l x w x h) | Load capacity in kg | Weight painted/galv. in kg |
|---------|-----------------------------|---------------------------------|------------------------|-------------------------------|
| MC 500 | 0,5 | 1000 x 1200 x 500 | 2000 | 106 / 122 |
| MC 1000 | 1,0 | 1000 x 1200 x 1045 | 2000 | 138 / 150 |
| MCG | | 300 x 1536 x 1300 | 2000 | 240 / ---- |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

HAZARDOUS MATERIALS CONTAINERS 8.2



Special Waste Containers for solids and paste-like substances 142-143,147



Large Salvage Packaging 144



Special Waste Containers for aerosol cans 145



Special Waste Containers for solids, paste-like substances and hazardous liquids 146



Special Waste Containers for hazardous liquids 147-152



Supply and Disposal Containers for hazardous liquids 153-156



Mobile Filling Stations 156-158



Used Battery Containers 159-160



Fluorescent Tube Boxes 162

CARRIAGE OF DANGEROUS GOODS



Among others, the following laws, regulations and guidelines must be observed when transporting materials that pose a threat to the environment.

- "ADR" European Agreement concerning the International Carriage of Dangerous Goods by Road
- "RID" Regulations concerning the International Transport of Dangerous Goods by Rail
- "IMDG-Code" International Maritime Dangerous Goods Code
- "GGVSEB" German Regulations concerning the International Carriage of Dangerous Goods by Road, Rail and Inland Waterways



| Packaging Group Level Equivalent | Packing Group | Degree of Danger |
|----------------------------------|---------------|------------------|
| X | I | high |
| Y | II | medium |
| Z | III | low |

- IBC Intermediate Bulk Container
- DIBt German Centre of Competence for Construction

Did you know that ...?

Large Packaging i.e. IBCs are subject to periodic inspection and testing at intervals of not more than two and a half years and five years. Stipulations are laid out in ADR 6.5.4.4 and BAM GGR 002.

We are an officially recognised inspection body, designated by BAM (Senior Scientific and Technical Federal Institute).



SPECIAL WASTE CONTAINER TYPE SAP-1



For the international transport of solids and paste-like substances according to ADR/RID and the IMDG code, packing groups I, II and III

- IBC according to DIN standard 30741, part 1
- construction made of 2 mm steel sheet, lid and base frame 2.5 mm steel sheet
- reinforced edging
- full-length fork sleeves
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- spring-loaded lid with a seal
- 2 lid fasteners, lockable
- automatic lid lock in 270° position
- lid support in 70° position
- max. density 1.5 kg/l
- finish hot-dip galvanized or with additional painted finish (outside only)

Accessories

- PE foil bags (50 bags/roll)
- PE inlay
- embossed company name
- dual code
NB Please remember to check whether this option is regulation compliant for you! (A dual code is permitted in Germany)



SAP 800-1 with dual code (Please see Accessories)



SAP 800-3 with 2 lid fasteners (1 lockable)

UN-APPROVALS

- Ⓢ 11A/X/D/BAM 6007-BAUER/4960/
- Ⓢ 4A/X/S/D/BAM 6917-BAUER

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|-----------|-------------|------------------------------|----------------|------------------------------|--------------|
| SAP 450-1 | 450 | 1200 x 1000 x 835 | 3 high | 825 | 155 |
| SAP 600-1 | 640 | 1200 x 1000 x 1053 | 3 high | 1124 | 164 |
| SAP 800-1 | 800 | 1200 x 1000 x 1235 | 3 high | 1375 | 175 |
| SAP 800-3 | 800 | 1200 x 1000 x 1235 | 3 high | 1375 | 175 |

Finish:

hot-dip galvanized

SPECIAL WASTE CONTAINER TYPE SAP



SAP 800

For the international transport of solids and paste-like substances according to ADR/RID and the IMDG code, packing groups I, II and III

- IBC according to DIN standard 30741, part 1
- construction made of 3 mm steel sheet, lid and base frame 2.5 mm steel sheet
- reinforced edging
- full-length fork sleeves
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- 4 lid fasteners, lockable
- spring-loaded lid with a seal
- automatic lid lock in 270° position
- lid support in 70° position
- max. density 1.5 kg/l
- finish hot-dip galvanized or with additional painted finish (outside only)

Accessories

- PE foil bags (50 bags/roll)
 - PE inlay
 - embossed company name
 - dual code
- NB Please remember to check whether this option is regulation compliant for you! (A dual code is permitted in Germany)

Individual construction on request e.g.

- stainless steel



SAP 800 with PE inlay (please see Accessories)



PE foil bags on a roll (please see Accessories)

UN-APPROVALS

UN 11A/X/D/BAM 0410-BAUER/5148/
UN 4A/X/S/D/BAM 10012-BAUER

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|---------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SAP 450 | 450 | 1200 x 1000 x 835 | 3 high | 868 | 185 |
| SAP 600 | 640 | 1200 x 1000 x 1053 | 3 high | 1175 | 200 |
| SAP 800 | 800 | 1200 x 1000 x 1235 | 3 high | 1430 | 215 |

Finish: **hot-dip galvanized**

LARGE SALVAGE PACKAGING TYPE SAG



SAG 2100

For handling damaged, broken or leaking packages of hazardous materials. For the international transport of liquids, solids or paste-like substances according to ADR/RID and the IMDG code, packing groups II and III.

- construction made of 3 mm steel sheet
- reinforced edging
- full-length fork sleeves
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- 12 lid fasteners, lockable
- lid with special seal
- marking "SALVAGE" on two sides

Types available

SAG 800

- according to DIN standard 30741, part 1
- base frame and lid made of 2.5 mm steel sheet, with strengthening plates
- spring-loaded lid and lid support
- automatic lid lock in 270° position

SAG 1500

- base frame and lid made of 3 mm steel sheet, with strengthening plates
- spring-loaded lid and lid support
- lid with integrated crane lifting eyes

SAG 2100

- base frame and lid made of 3 mm steel sheet, with strengthening plates
- spring-loaded lid and lid support
- lid with integrated crane lifting eyes
- folding step on two sides

SAG 2700

- base frame and lid made of 3 mm steel sheet, with strengthening plates
- lid with integrated crane lifting eyes
- folding step on two sides
- lid with fork pockets to facilitate handling

Accessories

- PE foil bags (25 bags/roll)



SAG 2100 - Salvaging using a crane

SAG 800 - Salvaging using a forklift fitted with a Loading Hook type LH-I and a Drum Traverse type FT/MK

SAG 2700 lid with integrated fork pockets



| | Volume in l | Ext. dimensions in mm (l x w x h) | Int. dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|-----------------|----------------|--------------------------------------|--------------------------------------|-------------------|---------------------------------|-----------------|
| SAG 800 | 800 | 1200 x 1000 x 1235 | 1040 x 840 x 925 | 3 high | 1008 | 225 |
| SAG 1500 | 1563 | 1565 x 1365 x 1235 | 1400 x 1200 x 925 | 2 high | 1887 | 345 |
| SAG 2100 | 2135 | 1565 x 1365 x 1560 | 1400 x 1200 x 1250 | 2 high | 2486 | 390 |
| SAG 2700 | 2870 | 1565 x 1365 x 1950 | 1400 x 1200 x 1640 | 2 high | 3335 | 522 |

UN-APPROVALS

- UN 50AT/Y/D/BAM 14727-BAUER/4960/
- UN 50AT/Y/D/BAM 14809-BAUER/6010/
- UN 50AT/Y/D/BAM 14808-BAUER/6010/
- UN 50AT/Y/D/BAM 14807-BAUER/6010/

SPECIAL WASTE CONTAINER TYPE SAS



SAS

For the international transport of waste aerosols according to ADR/RID and the IMDG code, packing groups II and III

- steel construction according to DIN standard 30741, part 1
- all-round louvre vents (splash water protected)
- water-tight up to 100 mm, measured from the floor of the container
- reinforced edging
- full-length fork sleeves
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- lid fastener, lockable
- spring-loaded lid with a seal
- automatic lid lock in 270° position
- lid support in 70° position

| | Volume in m ³ | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|----------------|-----------------------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SAS 800 | 0,8 | 1200 x 1000 x 1235 | 3 high | 678 | 178 |

UN-APPROVALS
50A/Y/D/BAM 12806-BAUER/4000/

TRANSPORT BOX FOR AEROSOL CANS TYPE STB 1000



STB 1000



Can be stacked (3 high)

For the international transport of aerosols according to ADR/RID and the IMDG code, packing groups II and III

- sturdy steel construction based on DIN standard 30741, part 1 with integrated sump tray, liquid-tight welding, inset, wire mesh panels (20 x 20 mm)
- galvanized lid, can be opened from both sides, with 2 lid fasteners
- lid lock in 270° position
- full-length fork sleeves
- suitable for pick-up by pallet trucks or forklifts
- fold-out plate for haz mats placards on two opposite sides
- absorbent felt is clamped to the floor using a special fixture and can easily be changed using the lever



Fold-out plate for haz mats placards



Lid lock



PE foil bag



Absorbent felt

Accessories

- PE foil bag (needed), air permeable
- absorbent felt

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|-----------------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| STB 1000 | 1000 | 1200 x 1000 x 1235 | 3 high | 732 | 180 |

UN-APPROVALS
50A/Y/D/BAM 12019-BAUER/3000/

Finish: hot-dip galvanized

HAZARDOUS MATERIALS CONTAINERS TYPE SC



For the international transport of hazardous liquids, solids or paste-like substances according to ADR/RID and the IMDG code, packing groups I, II and III

- cylindrical construction with square frame for stacking, low filling height, easy to clean
- fill opening Ø 610 mm
- lockable dome cover with 8 butterfly bolts, can be held in 90° position
- suitable for pick-up by a pallet truck, forklift or crane
- transport dimensions (800x800 mm)

Accessories

- funnel with stainless steel sieve

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|--------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SC 240 | 240 | 800 x 800 x 1095 | 3 high | 534 | 134 |
| SC 285 | 285 | 800 x 800 x 1250 | 3 high | 542 | 142 |

UN-APPROVALS

UN 1A2/X/D/10089 +90+91+92-BAUER

SPECIAL WASTE CONTAINER TYPE ASF/P 100-2



ASF/P 100-2



Funnel with filling pipe



Sieve



Lid seal

For the international transport of hazardous liquids, solids or paste-like substances according to ADR/RID and the IMDG code, packing groups I, II and III. Collection and storage of flammable liquids with a flashpoint >55°C

- steel construction according to DIN standard 30742
- cylindrical construction
- fork pockets
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- safety dome cover (DN 396) with 6 butterfly bolts and a seal
- automatic lid lock in 180° position
- the entire width is used for filling and emptying
- max. density 2.0 kg/l

Accessories

funnel with filling pipe and sieve (can be used as a collecting container for flammable liquids of GHS-categories 1-3). This ruling applies to Germany, please check legislation for your area.

| | Volume in l | Dimensions in mm (l x w x h) | Total permitted weight in kg | Weight in kg |
|-------------|----------------|---------------------------------|---------------------------------|-----------------|
| ASF/P 100-2 | 88 | 540 x 440 x 925 | 231 | 52 |

UN-APPROVALS

UN 1A2/X1.7/250/D/BAM 8724-BAUER

UN 1A2/X/S/D/BAM 8723-BAUER

SPECIAL WASTE CONTAINER TYPE SP



For the international transport of hazardous solids and paste-like substances according to ADR/RID and the IMDG code, packing groups II and III

- construction made of 2 mm steel sheet
- base frame, suitable for pick-up by pallet trucks or forklifts
- top frame with stacking corners and crane lifting eyes
- removable lid with seal and fastenings, can be locked

§ UN-APPROVALS

UN 1A2/Y/D/BAM 8821+22-BAUER

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|--------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SP 100 | 100 | 550 x 550 x 745 | 4 high | 185 | 33 |
| SP 240 | 240 | 730 x 730 x 975 | 3 high | 370 | 79 |

HAZARDOUS MATERIALS CONTAINER TYPE SF



For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- base frame, suitable for pick-up by pallet trucks or forklifts
- top frame with stacking corners and crane lifting eyes
- dome cover

§ UN-APPROVALS

UN 1A2/Y/100/D/BAM 8832-BAUER

| | Volume in l | Dimensions in mm (l x w x h) | Fill opening Ø in mm | Can be stacked | Weight in kg |
|--------|----------------|---------------------------------|-------------------------|-------------------|-----------------|
| SF 240 | 240 | 730 x 730 x 975 | 400 | 3 high | 80 |

Finish:

hot-dip galvanized

SPECIAL WASTE CONTAINER TYPE ASK 540-4



For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- IBC according to DIN standard 30741, part 1
- outer container made of steel sheet, inside surface painted with acid-resistant paint
- changeable PE-inner with screw-on lid
- reinforced edging
- full-length fork sleeves
- sturdy stacking corners with crane lifting eyes
- suitable for pick-up by a pallet truck, forklift or crane
- spring-loaded lid with a seal
- 2 lid fasteners, lockable
- automatic lid lock in 270° position
- lid support in 70° position
- dipstick to register any leakage
- max. density 1.9 kg/l



Steel outer container and PE-inner with screw-on lid



Full-length fork sleeves



Stacking corners with crane lifting eyes



Dipstick to register any leakage



Automatic lid lock



Spring-loaded lid with a seal

| | Volume in l | Dimensions in mm (l x w x h) | Total permitted weight in kg | Weight in kg |
|-----------|----------------|---------------------------------|---------------------------------|-----------------|
| ASK 540-4 | 540 | 1200 x 1000 x 1235 | 1269 | 256 |

UN-APPROVALS

31HA1/Y/L/SNCH/16A001/BAUER/3000/

Finish:

hot-dip galvanized

SPECIAL WASTE CONTAINER TYPE SAF



SAF 1000

For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- according to DIN standard 30741, part 2
- sturdy construction made of 3 mm steel sheet
- fill opening Ø 457 mm with lockable dome cover
- dome cover, either centered or off-centre
- pressure relief valve 3/4", 0.5 bar
- 2" coupling with plug
- suitable for pick-up by a pallet truck, forklift or crane
- max. density 1.5 kg/l

Accessories

- funnel with stainless steel sieve
- embossed company name
- wing nut wrench

Individual constructions on request e.g.

- stainless steel



Centered dome



SAF 450



Off-centre dome cover



Funnel with stainless steel sieve (accessory)



Wing nut wrench (accessory)



SAF SAF with Sump Tray type AW 1000 (please refer to page 94)

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|-----------------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SAF 450 | 450 | 1200 x 1000 x 820 | 3 high | 848 | 173 |
| SAF 600 | 600 | 1200 x 1000 x 975 | 3 high | 1092 | 192 |
| SAF 1000 | 1000 | 1200 x 1000 x 1400 | 3 high | 1759 | 223 |

Finish: hot-dip galvanized

UN-APPROVALS

UN 31A/Y/D/BAM 0151-BAUER/3585/

UN 31A/Y/D/BAM 7338-BAUER/3585/

DUO-CONTAINER TYPE DC



DC 1000

For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- according to DIN standard 30741, part 2
- comprised of an inner and an outer container
- no sump tray required
- fill hole Ø 457 mm with lockable dome cover
- pressure relief valve 3/4", 0.5 bar
- 2 x 2" coupling with plug
- dipstick to register any leakage
- folding step
- suitable for pick-up by a pallet truck, forklift or crane
- max. density 1.8 kg/l
- collection and storage both indoors and outdoors

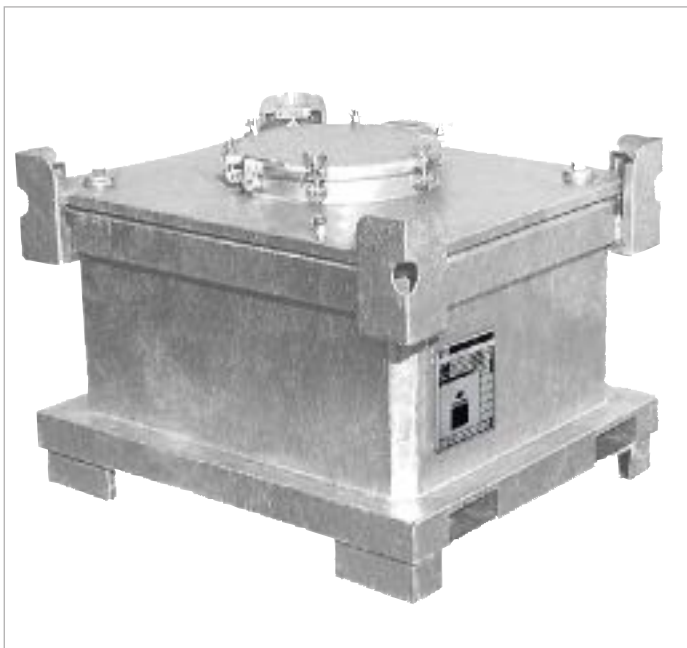
Types available

DC 450 approved for

- liquids that are hazardous to the aquatic environment, GHS categories 1 - 4
- when fitted with a funnel and sieve (please see Accessories), the Duo-Container can also be used as a collecting container for flammable liquids of GHS categories 1 - 3

DC 1000 approved for

- flammable liquids with a flashpoint > 55° C



DC 450



Funnel with stainless steel sieve



Wing nut wrench

Accessories

- funnel with stainless steel sieve
- embossed company name
- wing nut wrench

Individual constructions on request e.g.

- stainless steel

UN-APPROVALS

- Ⓡ 31A/Y/D/BAM 12672-BAUER/10200/
- Ⓡ 31A/Y/D/BAM 12673-BAUER/10200/

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|---------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| DC 450 | 450 | 1200 x 1000 x 860 | 3 high | 1100 | 290 |
| DC 1000 | 1000 | 1200 x 1000 x 1545 | 3 high | 2230 | 430 |

Finish:

hot-dip galvanized

COLLECTING CONTAINER **TYPE ASB**



ASB 450-I

For the international transport of hazardous liquids according to ADR/RID and the IMDG code, collection and storage of flammable liquids of GHS-categories 1 - 3

- outer container serves as a containment sump with lid
- lockable lid with gas compression springs
- inner tank (screwed to outer)
- fill hole Ø 400 mm
- funnel and stainless steel sieve
- dipstick to register any leakage
- pressure relief valve 3/4"
- suitable for pick-up by a pallet truck, forklift or crane
- can be used indoors or outdoors
- max. density 1.8 kg/l

Accessories

| Finish | | |
|--------|--------------------|--------------------|
| | Inner tank | Outer tank |
| | 4 mm | 2 mm |
| 1. | hot-dip galvanized | hot-dip galvanized |
| 2. | stainless steel | hot-dip galvanized |
| 3. | stainless steel | stainless steel |

- fill or suction pipe with 2" coupling, threaded coupling and cap
- inner tank with sump under suction pipe
- 1" threaded coupling with plug
- embossed company name



ASB 450-II



ASB 250

UN-APPROVALS
31A/Y/D/BAM 0137-0142-BAUER/4000

| | Volume in l | No. of inner tanks x litre | Dimensions in mm (l x w x h) | Can be stacked | Weight in kg |
|-------------------|----------------|-------------------------------|---------------------------------|-------------------|-----------------|
| ASB 250 | 250 | 1 x 250 | 790 x 815 x 830 | 3 high | 193 |
| ASB 450-I | 450 | 1 x 450 | 1200 x 885 x 830 | 3 high | 263 |
| ASB 450-II | 450 | 2 x 225 | 1200 x 885 x 830 | 3 high | 310 |

| | | |
|----------------|---------------------------|------------------------|
| Finish: | hot-dip galvanized | stainless steel |
|----------------|---------------------------|------------------------|

HAZARDOUS MATERIALS CONTAINER TYPE SCD



For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III as well as collection and storage

- outer container (with frame) serves as a containment sump
- with inner tank (screwed in), stacking frame and dome cover
- fill hole Ø 610 mm
- lockable dome cover with 8 butterfly bolts, can be held in 90° position
- funnel with fill pipe
- with dipstick to register any leakage
- max. density 1.8 kg/l
- suitable for pick-up by a pallet truck, forklift or crane

Accessories

- embossed company name

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Filling height in mm | Total permitted weight in kg | Weight in kg |
|---------|----------------|---------------------------------|-------------------|-------------------------|---------------------------------|-----------------|
| SCD 240 | 240 | 800 x 800 x 1095 | 3 high | 938 | 627 | 195 |
| SCD 285 | 285 | 800 x 800 x 1250 | 3 high | 1093 | 725 | 212 |

UN-APPROVALS

- UN 31A/Y/D/BAM 12669-BAUER/4470/
- UN 31A/Y/D/BAM 12670-BAUER/4470/

TANK CONTAINER TYPE TCB



For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- according to DIN standard 30741, part 2
- construction made of 3 mm steel sheet, floor: 5 mm
- discharge via 2" drain-cock in floor
- dome cover with 6 ring nuts, lockable
- fill hole Ø 457 mm
- 3/4" pressure relief valve 0.5 bar
- suitable for pick-up by a pallet truck, forklift or crane
- folding step
- max. density 1.5 kg/l

Accessories

- embossed company name

Individual constructions on request e.g.

- stainless steel
- 2 x 2" coupling with plug

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|----------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| TCB 1000 | 1000 | 1200 x 1000 x 1600 | 3 high | 1780 | 280 |

UN-APPROVALS

- UN 31A/Y/D/BAM 12675+76-BAUER/9700/

Finish: hot-dip galvanized

COLLECTING CONTAINER FOR WASTE OIL TYPE ASO-D 800



Collection, storage and disposal of waste oil and flammable liquids with a flashpoint > 55° C

- double wall design - container/sump combination. Sturdy, safe steel outer provides 100% spill containment; dipstick to register any leakage
- synthetic lid can be locked in position; container can be locked using a latch (available as an accessory, it is not part of the standard scope of supply)
- inner container with a 40 litre fill tray across the entire surface area; helps reduce the risk of dirtying and facilitates filling
- level indicator
- dipstick to control the fill level
- 1 1/2" aeration valve
- 2" tank truck coupling including immersion pipe for suction discharge
- for use indoors or outdoors
- National Technical Approval Z-38.11-70 DIBt compliant

Accessories

- air pipe
- latch

ASO-D 800



Fill tray and 2" tank truck coupling



Level indicator / overfill safety feature

ASO-D 800 with air pipe



Aeration valve



Dipstick to control the fill level



Synthetic lid that locks in position and can be locked using a latch

| | Volume in l | Dimensions in mm (l x w x h) | Total permitted weight in kg | Weight in kg |
|-----------|----------------|---------------------------------|---------------------------------|-----------------|
| ASO-D 800 | 800 | 1200 x 1220 x 1070 | 1000 | 194 |

Finish:

hot-dip galvanized

MOBICONT TYPE M 800



Supply and disposal of flammable liquids with a flash point > 55° C.

International transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- sturdy, conical outer container made of 3 mm steel sheet that protects inner container and provides 100% spill containment
- dipstick to test for leakage
- 100 mm ground leeway
- sturdy, changeable inner tank made of PE
- suitable for pick-up by a pallet truck, forklift or crane
- easy to clean

Accessories

- 2-part galvanized lid, with stacking corners, can be locked
- square lock or cylinder lock
- filling/extraction lid with 2 x 2", 1 x 1/2" and 1 x 3/4" thread
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- manual or electric pumps
- level indicator
- funnel for filling
- further accessories available on request



M 800 with manual pump



Filling/extraction lid



Square lock



M 800 with electric pump



Funnel for filling



Mobile oil supply for machines



M 800 with lid

UN-APPROVALS
 31HA1/Y/D/BAM 14263-BAUER/3344/

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Weight painted / galv. in kg |
|-------|-------------|------------------------------|----------------|------------------------------|
| M 800 | 800 | 1200 x 1000 x 1145 | 3 high | 220 / 240 |

| | | | | | | |
|---------|----------|----------|----------|----------|----------|--------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|----------|----------|----------|----------|----------|--------------------|

MOBICONT TYPE MO 800



Mobile oil supply for manufacturing, approval for storage and transport

- sturdy, conical outer container made of 3 mm steel sheet that protects inner container and provides 100% spill containment, including dipstick to test for leakage
- sturdy, changeable inner made of PE, with screw-on lid Ø 215 mm
- drip tray
- suitable for pick-up by a pallet truck, forklift or straddle stacker

Accessories

- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm

UN-APPROVALS
 UN 31HA1/Y/D/BAM 14263-BAUER/3344/



- (1) encased hose retractor reel with 8 m hose DN 13
- (2) electric pump 230 V, cable with plug, including suction hose
- (3) level indicator for storage
- (4) 2" filling coupling
- (5) manual flow counter
- (6) 1" aeration/vent valve
- (7) 1" stopcock

| | Volume in l | Dimensions in mm (l x w x h) | Weight painted / galv. in kg |
|--------|-------------|------------------------------|------------------------------|
| MO 800 | 800 | 1200 x 1000 x 1635 | 251 / 276 |

MOBICONT TYPE MW 800



Heating fuel supply for hot air heaters, both indoors and outdoors

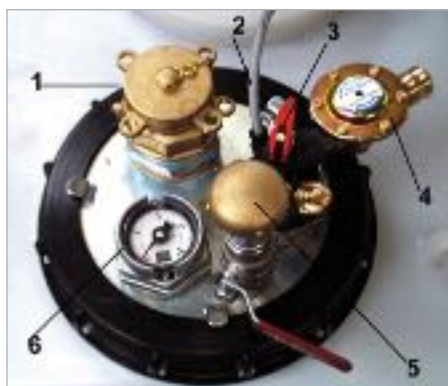
- sturdy, conical outer container made of 3 mm steel sheet that protects inner container and provides 100% spill containment, including dipstick to test for leakage
- sturdy, changeable inner tank made of PE
- filling/extraction lid with 2 x 2", 1 x 1/2" and 1 x 3/4" thread
- suitable for pick-up by a pallet truck, forklift or crane
- galvanized lid, lockable, with stacking corners and lid support - covers the containment sump
- square lock or cylinder lock

Accessories

- tank heating (with expertise issued by the German "TÜV")
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 225 mm
- filling/extraction lid with fittings such as
 - (1) filling coupling
 - (2) tank heating
 - (3) Euroflex 3 - tank fitting
 - (4) anti-siphon valve
 - (5) aeration/vent valve
 - (6) level indicator



MW as "twin tank system" for additional capacity (individual construction)



Individual constructions on request

UN-APPROVALS
 UN 31HA1/Y/D/BAM 14263-BAUER/3344/

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Weight painted / galv. in kg |
|--------|-------------|------------------------------|----------------|------------------------------|
| MW 800 | 800 | 1285 x 1015 x 1310 | 3 high | 271 / 286 |

| | | | | | | |
|---------|----------|----------|----------|----------|----------|--------------------|
| Finish: | RAL 2000 | RAL 3000 | RAL 5012 | RAL 6011 | RAL 7005 | hot-dip galvanized |
|---------|----------|----------|----------|----------|----------|--------------------|

MOBICONT TYPE MD 800



MD 800 with electric pump

Mobile diesel supply for building site vehicles, machinery, equipment etc. International transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- sturdy, conical outer container made of 3 mm steel sheet that protects the inner container and provides 100% spill containment
- including dipstick to test for leakage
- 100 mm ground leeway
- sturdy, changeable inner made of PE
- filling/extraction lid with 2" filling coupling, vent valve, suction hose, stopcock for the pump connection, screw-in dipstick
- lockable hood with gas compression springs
- suitable for pick-up by a pallet truck, forklift or crane



MD 800 with manual pump

Accessories

- manual or electric pumps
- 2 swivel + 2 fixed polyamide castors Ø 180 mm, one swivel castor with brake – construction height 220 mm
- level indicator
- limit indicator
- loading traverse
- further accessories on request



MD 800 with manual pump



MD 800 with loading traverse

UN-APPROVALS

31HA1/Y/D/BAM 14263-BAUER/3344/

| | Volume in l | Dimensions in mm (l x w x h) | Weight painted /galv. in kg |
|--------|-------------|------------------------------|-----------------------------|
| MD 800 | 800 | 1225 x 1025 x 1625 | 253 / 278 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

MINI-TANK TYPE MT 235



MT 235 with manual pump


| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|--------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| MT 235 | 235 | 800 x 800 x 1250 | 3 high | 725 | 220 |

Suitable for filling building site vehicles and machinery, equipment etc. For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III. For the storage of flammable liquids of GHS-categories 1 - 3

- outer container has a frame and provides 100% spill containment
- inner tank (screwed to outer container) with stacking frame, dome cover and fittings
- dipstick to register any leakage
- 2" coupling for pump
- filling coupling with threaded connection
- aeration valve
- can be locked
- suitable for pick-up by a pallet truck, forklift or crane
- for indoor and outdoor use

Accessories

- manual and electric pumps
- level indicator

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 **31A/Y/D/BAM 12671-BAUER/4470/**

FUEL CONTAINERS TYPE MT-E 300-430



Mobile, single-walled tank for diesel and fuel oil supply for building site vehicles and machinery. ADR 1.1.3.1. c) compliant (exemptions related to the nature of the transport operation).

- sturdy welded construction
- lockable spring-loaded lid
- 100 mm ground leeway
- swivel crane eyes for crane handling and securing loads
- 2" threaded coupling with cap
- pressure relief valve and air aeration valve
- 1" pump coupling with stopcock
- 12V - 24V pump, with automatic nozzle and a 4.0 m long hose

Accessories

- manual or electric flow counter
- level indicator

| | Volume in l | Dimensions in mm (l x w x h) | Floor area in mm (l x w) | Total permitted weight in kg | Weight (empty) without pump in kg |
|----------|----------------|---------------------------------|-----------------------------|---------------------------------|--------------------------------------|
| MT-E 300 | 300 | 1060 x 877 x 888 | 1000 x 800 | 535 | 171 |
| MT-E 430 | 430 | 1060 x 877 x 888 | 1000 x 800 | 685 | 171 |

Finish: **hot-dip galvanized**

FUEL CONTAINERS TYPE MT 450-1000



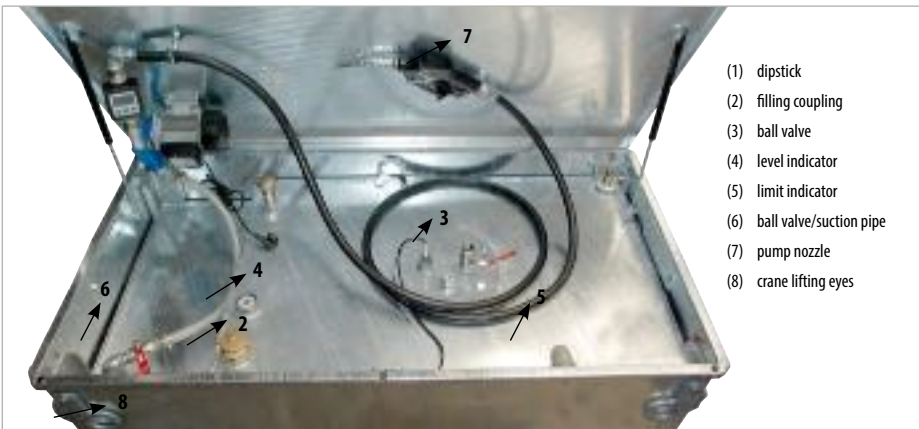
MT 450 with electric pump



MT 1000 with electric pump

Mobile diesel and fuel oil supply for building site vehicles, machinery, equipment. For the international transport of hazardous liquids according to ADR/RID and the IMDG code, packing groups II and III

- outer container provides 100% spill containment including dipstick to register leakage
- inner tank (screwed to outer container) i.e. can be renewed, with opening for cleaning
- lockable spring-loaded lid
- 100 mm ground leeway
- swivel crane eyes for crane handling and securing loads
- 2" threaded coupling with cap, 1" pump coupling with stopcock
- pressure relief valve and aeration valve
- no haz mats licence required for Germany - check YOUR stipulations!



- (1) dipstick
- (2) filling coupling
- (3) ball valve
- (4) level indicator
- (5) limit indicator
- (6) ball valve/suction pipe
- (7) pump nozzle
- (8) crane lifting eyes

Accessories

- manual pump
- electric pumps 12 V / 24 V / 230 V
- manual or electric flow counter
- level indicator
- limit indicator
- loading traverse

| | Volume in l | Dimensions in mm (l x w x h) | Floor area in mm (l x w) | Total permitted weight in kg | Weight (empty) without pump in kg |
|----------------|----------------|---------------------------------|-----------------------------|---------------------------------|--------------------------------------|
| MT 450 | 450 | 1060 x 880 x 890 | 1000 x 800 | 775 | 239 |
| MT 600 | 600 | 1360 x 880 x 890 | 1300 x 800 | 990 | 280 |
| MT 1000 | 1000 | 1660 x 880 x 1100 | 1600 x 800 | 1557 | 356 |

UN-APPROVALS

31A/Y/D/BAM 7336-BAUER/O/

USED BATTERY CONTAINERS



SAP 600 K


SAP 600 K

For the international transport of used batteries

- sturdy construction made of 3 mm steel sheet according to DIN standard 30741, part 1
- lockable spring-loaded lid and support in 70° position
- lid locks automatically in 270° position
- changeable PE-inner that fits over container rim, resistant to sulphuric acid; robust and hard-wearing
- lid: inside surface coated
- suitable for pick-up by a pallet truck, forklift or crane
- battery case as stipulated in packing instructions P 801 and P 801a

Individual construction for lithium-ion batteries on request



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 **11 A/Y/D/BAUER/BAM 0348/4445/**



SAP 601 K

SAP 601 K

The correct way to collect and store batteries

- sturdy construction made of 3 mm steel sheet
- changeable PE inlay that fits over container rim, resistant to sulphuric acid; robust and hard-wearing
- lid support in 70° position
- suitable for pick-up by pallet trucks or forklifts
- battery case as stipulated in packing instructions P 801 and P 801a

| | Volume in l | Dimensions in mm (l x w x h) | Can be stacked | Total permitted weight in kg | Weight in kg |
|-----------|----------------|---------------------------------|-------------------|---------------------------------|-----------------|
| SAP 600 K | 620 | 1200 x 1000 x 1055 | 3 high | 1224 | 214 |
| SAP 601 K | 620 | 1120 x 960 x 920 | 3 high | 1124 | 156 |

Finish:

hot-dip galvanized

LITHIUM-ION STORAGE CONTAINER TYPE LIL



Safe storage of damaged or defective Li-Ion batteries

- sturdy construction made of steel sheet
- lockable, spring-loaded lid with handle
- lid support in 70° position (LIL 220, LIL 280)
- changeable inner container
- ideal fire protection provided by PyroBubbles® (patented material) used to fill the cavity between the inner and outer container and also under the lid.
- 100 mm ground leeway for pick-up by a pallet truck or forklift
- stacking corners, can be stacked 3 high
- 1 or 2 lid fasteners (depending on the size)



LIL 90 view from the inside

Accessories

- 2 swivel + 2 fixed polyamide castors
Ø 100 mm, one swivel castor with brake
– construction height 125 mm (all sizes EXCEPT LIL 30)



LIL 280



LIL 90 with castors

| | Volume in l | Inside dimensions (l x w x h) in mm | External dimensions (l x w x h) in mm | Can be stacked | Load capacity in kg | Weight in kg |
|---------|----------------|--|--|-------------------|------------------------|-----------------|
| LIL 30 | 30 | 215 x 365 x 390 | 400 x 600 x 750 | 3 high | 100 | 78 |
| LIL 90 | 90 | 415 x 565 x 390 | 600 x 800 x 750 | 3 high | 200 | 131 |
| LIL 220 | 220 | 1015 x 565 x 390 | 1200 x 800 x 750 | 3 high | 400 | 217 |
| LIL 280 | 280 | 1015 x 745 x 370 | 1200 x 1000 x 750 | 3 high | 400 | 261 |

TRANSPORT PALLET TYPE TP



TP



TP stacked with type SAP 800

For the efficient and safe transport of plastic drums etc.

- base frame of the SAP 800 (please refer to page 144)
- cage comprising 3-sided frame and double doors with a latch
- can be stacked with hazardous materials containers measuring 1200 x 1000 mm according to DIN standard 30741

| | Dimensions in mm (l x w x h) | Weight in kg |
|----|------------------------------|--------------|
| TP | 1200 x 1000 x 1200 | 127 |

LOADING AID TYPE LAB



LAB

Especially designed for transporting drums - max. 8 x 120 l - or 8 units Special Waste Container type ASF/P 100-2

- sturdy frame with full-length fork sleeves
- suitable for pick-up by a pallet truck or forklift
- cage comprising 3 wire mesh sides and double doors with a latch and locking mechanism at the front
- door stop engages in 180° position
- metal bands fitted to rear and side walls so loads can be secured
- can be stacked with hazardous materials containers measuring 1200 x 1000 mm according to DIN standard 30741



Full-length fork sleeves



Latch (at the top)



Locking mechanism at the bottom

| | Inside dimensions (l x w x h) in mm | External dimensions (l x w x h) in mm | Extra load in kg | Total permitted weight in kg | Weight in kg |
|-----|-------------------------------------|---------------------------------------|------------------|------------------------------|--------------|
| LAB | 930 x 1036 x 1360 | 1200 x 1000 x 1600 | 4000 | 2150 | 150 |

Finish:

hot-dip galvanized

FLUORESCENT TUBE BOX TYPE AL



Collection and transport of used fluorescent strips

- tested and ADR/RID 1.1.3.10 c) compliant
- SNCH test certificate
- sturdy construction made of aluminium
- light weight unit
- 100 mm ground leeway for pick-up by a pallet truck or forklift
- stacking corners
- folding handle at each end
- removable lid
- 2 lockable lid fasteners



| | Max. no. of fluorescent strips | Dimensions in mm (l x w x h) | Can be stacked | Weight in kg |
|----------|---|------------------------------|----------------|--------------|
| AL-D 150 | approx. 320 pieces Ø 25 mm / approx. 150 pieces Ø 37 mm | 1700 x 465 x 585 | 3 high | 27 |
| AL-D 200 | approx. 320 pieces Ø 25 mm / approx. 150 pieces Ø 37 mm | 2100 x 465 x 585 | 3 high | 31 |

FLUORESCENT TUBE BOX TYPE SL



Collection and transport of used fluorescent strips

- tested and ADR/RID 1.1.3.10 c) compliant
- SNCH test certificate
- sturdy construction made of steel sheet
- 100 mm ground leeway for pick-up by a pallet truck or forklift
- stacking corners with lifting crane lifting eyes
- lockable

Types available

SL

- with galvanized door

SL-D

- with galvanized door and lid, manual lid stay

SL-N

- with galvanized lid and gas compression springs
- separate compartment for energy saving light bulbs
- removable dividing wall
- also suitable for long tanning tubes

Accessories

- retrofit kit for non-ADR compliant boxes type SL and SL-D
- removable tray for separate collection of batteries, energy saving bulbs, accumulators etc. for SL-D

| | Max. no. of fluorescent light tubes | Dimensions in mm (l x w x h) | Can be stacked | Weight painted /galv. in kg |
|----------|--|------------------------------|----------------|-----------------------------|
| SL 150 | approx. 1100 pieces Ø 25 mm / approx. 500 pieces Ø 37 mm | 1700 x 770 x 1125 | 3 high | 161 / 174 |
| SL-D 150 | approx. 1100 pieces Ø 25 mm / approx. 500 pieces Ø 37 mm | 1700 x 770 x 975 | 3 high | 148 / 160 |
| SL 200 | approx. 1100 pieces Ø 25 mm / approx. 500 pieces Ø 37 mm | 2100 x 770 x 1125 | 3 high | 189 / 203 |
| SL-D 200 | approx. 1100 pieces Ø 25 mm / approx. 500 pieces Ø 37 mm | 2100 x 770 x 975 | 3 high | 174 / 188 |
| SL-N 220 | approx. 450 pieces Ø 25 mm / approx. 200 pieces Ø 37 mm | 2300 x 800 x 530 | 3 high | 138 / 150 |

Finish:

RAL 2000

RAL 3000

RAL 5012

RAL 6011

RAL 7005

hot-dip galvanized

EXAMPLES OF CUSTOMIZED PRODUCTS



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Алтомо ЕООД | Altomo EOOD

Божурище 2227, ул. Гурмазовско шосе №39
39 Gurmazovsko Shose Str, 2227 Bozhurishte, Bulgaria

+359 879 25 35 15 / +359 879 25 35 36

sales@altomo.bg
www.altomo.bg