

Wardrobe cabinets

85301 - 85312

Wardrobe cabinets S 2000 Classic



Möbel für Menschen

Design

- Easy internal cleaning through smooth compartment floors for easy sweeping
- Plug-in hat shelf and clothes rail with 3 sliding hooks for every compartment
- Twist lock for padlock included as part of practical basic fittings

Doors:

- Hinged on the right
- Mounted using rotary bolts
- With vertical box reinforcement
- Ventilation slots
- Stamped label frame

Note:

Padlocks, see art. no. 86929 ff.

85301

Design

- With plastic feet = increased corrosion protection of cabinet

85303

Design

- With base

85312

Design

- With bench seat incl. adjustable glide runners for easy levelling (10 mm)

85301 201



85303 205



85312 205



Twist lock for padlocks with shackle thickness 4.5–6.5 mm



Good ventilation and drying in compartment

With feet			RAL 7035/5012		RAL 7035/5010		RAL 7035/7035	
Number	Compartment width	External dimensions H x W x D	85301	...	85301	...	85301	...
Compartments	mm	mm						
2	300	1850 x 610 x 500	101	NEW	201	NEW	601	
2	400	1850 x 810 x 500	102	NEW	202	NEW	701	
3	300	1850 x 900 x 500	103	NEW	203	NEW	602	
3	400	1850 x 1200 x 500	104	NEW	204	NEW	702	
4	300	1850 x 1190 x 500	105	NEW	205	NEW	603	
4	400	1850 x 1590 x 500	106	NEW	206	NEW	703	

With feet			RAL 7035/5012		RAL 7035/5010		RAL 7035/7035	
Number	Compartment width	External dimensions H x W x D	85303	...	85303	...	85303	...
Compartments	mm	mm						
2	300	1800 x 610 x 500	101	NEW	201	NEW	601	
2	400	1800 x 810 x 500	102	NEW	202	NEW	701	
3	300	1800 x 900 x 500	103	NEW	203	NEW	602	
3	400	1800 x 1200 x 500	104	NEW	204	NEW	702	
4	300	1800 x 1190 x 500	105	NEW	205	NEW	603	
4	400	1800 x 1590 x 500	106	NEW	206	NEW	703	

With feet			RAL 7035/5012		RAL 7035/5010		RAL 7035/7035	
Number	Compartment width	External dimensions H x W x D	85312	...	85312	...	85312	...
Compartments	mm	mm						
2	300	2090 x 610 x 500	101	NEW	201	NEW	601	
2	400	2090 x 810 x 500	102	NEW	202	NEW	701	
3	300	2090 x 900 x 500	103	NEW	203	NEW	602	
3	400	2090 x 1200 x 500	104	NEW	204	NEW	702	
4	300	2090 x 1190 x 500	105	NEW	205	NEW	603	
4	400	2090 x 1590 x 500	106	NEW	206	NEW	703	

Factory equipment





Möbel für Menschen

Design

- Doors fold together, suspended using rotary bolts
- Vertical box reinforcement
- Ventilation slots
- Stamped label frame
- Hat shelf can be placed inside
- Clothes rail with 3 sliding hooks per compartment
- Twist lock for padlock

Note:

Padlocks, see art. no. 86929 ff.

85313**Design**

- With 150 mm high plastic feet

85314**Design**

- With 100 mm high base

85319**Design**

- With bench seat
- Incl. adjustable glide runners for easy levelling (10 mm)

85313 301-302



85313 103-104



85314 301-302



85314 303-304



85319 301-302



85319 103-104



With feet				RAL 7035/5012	RAL 7035/5010	RAL 7035/7035
Number of sections	Number of doors	Section width mm	External dimensions H x W x D mm	85313	...	85313
2	2	300	1850 x 610 x 500	201 NEW	...	301 NEW
2	2	400	1850 x 810 x 500	202 NEW	...	302 NEW
4	4	300	1850 x 1190 x 500	203 NEW	...	303 NEW
4	4	400	1850 x 1590 x 500	204 NEW	...	304 NEW

With feet				RAL 7035/5012	RAL 7035/5010	RAL 7035/7035
Number of sections	Number of doors	Section width mm	External dimensions H x W x D mm	85314	...	85314
2	2	300	1800 x 610 x 500	201 NEW	...	301 NEW
2	2	400	1800 x 810 x 500	202 NEW	...	302 NEW
4	4	300	1800 x 1190 x 500	203 NEW	...	303 NEW
4	4	400	1800 x 1590 x 500	204 NEW	...	304 NEW

With feet				RAL 7035/5012	RAL 7035/5010	RAL 7035/7035
Number of sections	Number of doors	Section width mm	External dimensions H x W x D mm	85319	...	85319
2	2	300	2090 x 610 x 500	201 NEW	...	301 NEW
2	2	400	2090 x 810 x 500	202 NEW	...	302 NEW
4	4	300	2090 x 1190 x 500	203 NEW	...	303 NEW
4	4	400	2090 x 1590 x 500	204 NEW	...	304 NEW

85310

Double-floor wardrobe cabinets S 2000 Classic



Möbel für Menschen

Design

- Double-floor, 2 compartments on top of each other
- 1 door, 1 clothes rail and 3 sliding hooks per compartment
- Easy internal cleaning through smooth compartment floors for easy sweeping
- Twist lock for padlock as part of practical basic equipment

Doors:

- Hinged on the right
- Mounted using rotary bolts
- Top and bottom each with 1 perforated rosette
- Stamped label frame

Note:

Padlocks, see art. no. 86929 ff.

85310 201



85310 106



85310 803



85310 101-103

85310 201-203

85310 701-703

Design

- With plastic feet = increased corrosion protection of cabinet

85310 104-106 85310 204-206

85310 601-603

Design

- With base

85310 107-109

85310 207-209

85310 801-803

Design

- With bench seat incl. adjustable glide runners for easy levelling (10 mm)

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85310	...	85310	...	85310
2	2	4	300	1850 x 610 x 500	101	NEW	201	NEW	701
2	3	6	300	1850 x 900 x 500	102	NEW	202	NEW	702
2	4	8	300	1850 x 1190 x 500	103	NEW	203	NEW	703

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85310	...	85310	...	85310
2	2	4	300	1800 x 610 x 500	104	NEW	204	NEW	601
2	3	6	300	1800 x 900 x 500	105	NEW	205	NEW	602
2	4	8	300	1800 x 1190 x 500	106	NEW	206	NEW	603

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85310	...	85310	...	85310
2	2	4	300	2090 x 610 x 500	107	NEW	207	NEW	801
2	3	6	300	2090 x 900 x 500	108	NEW	208	NEW	802
2	4	8	300	2090 x 1190 x 500	109	NEW	209	NEW	803

85326

Sloping roof attachments



Möbel für Menschen

Design

- Can be retrofitted
- Prevents objects from being left on top of units
- Colour: RAL 7035

For sections Number	Width mm	Rear height approx. mm	Depth mm	85326	...
2	300	230	500	101	
2	400	230	500	102	
3	300	230	500	103	
3	400	230	500	104	
4	300	230	500	105	
4	400	230	500	106	

85326





Möbel für Menschen

Design

- With plastic feet = increased corrosion protection of cabinet **or with base**
- Single-walled smooth doors
- Each door has cylinder lock and 2 keys
- The bottoms of the trays are generally designed in the body colour

Note:

Plastic label frame for doors available on request.



Cabinet feet made of plastic for better corrosion protection



Each door has cylinder lock and 2 keys

85317 104



85318 201



85316 502



With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85316	...	85316	...	85316
3	2	6	300	1850 x 610 x 500		101 NEW		201 NEW	501
3	3	9	300	1850 x 900 x 500		102 NEW		202 NEW	502
3	4	12	300	1850 x 1190 x 500		103 NEW		203 NEW	503

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85317	...	85317	...	85317
4	2	8	300	1850 x 610 x 500		101 NEW		201 NEW	601
4	3	12	300	1850 x 900 x 500		102 NEW		202 NEW	602
4	4	16	300	1850 x 1190 x 500		103 NEW		203 NEW	603

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85318	...	85318	...	85318
5	2	10	300	1850 x 610 x 500		101 NEW		201 NEW	601
5	3	15	300	1850 x 900 x 500		102 NEW		202 NEW	602
5	4	20	300	1850 x 1190 x 500		103 NEW		203 NEW	603

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85316	...	85316	...	85316
3	2	6	300	1800 x 610 x 500		104 NEW		204 NEW	601
3	3	9	300	1800 x 900 x 500		105 NEW		205 NEW	602
3	4	12	300	1800 x 1190 x 500		106 NEW		206 NEW	603

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85317	...	85317	...	85317
4	2	8	300	1800 x 610 x 500		104 NEW		204 NEW	501
4	3	12	300	1800 x 900 x 500		105 NEW		205 NEW	502
4	4	16	300	1800 x 1190 x 500		106 NEW		206 NEW	503

With feet					RAL 7035/5012		RAL 7035/5010		RAL 7035/7035
Number of compartments on top of each other	Number of sections	Number of compartments	Section width mm	External dimensions H x W x D mm	85318	...	85318	...	85318
5	2	10	300	1800 x 610 x 500		104 NEW		204 NEW	501
5	3	15	300	1800 x 900 x 500		105 NEW		205 NEW	502
5	4	20	300	1800 x 1190 x 500		106 NEW		206 NEW	503



Möbel für Menschen

Design

- Doors fold together
- With joint twist lock for padlock
- Shelves not height adjustable
- Body colour: RAL 7035
- Door colour: RAL 7035

Note:

Padlocks, see art. no. 86929 ff.

85320**Laundry wardrobe cabinets****Design**

- Left: 4 shelves
- Right: 1 hat shelf, 1 clothes rail, 3 sliding hooks

85322**Cabinets for room cleaning equipment****Design**

- Left of shortened divider: 4 shelves
- Right: 1 rail with 6 sliding hooks

85324**Laundry and storage cabinet****Design**

- 4 solid shelves

85320 501**85322 501****85324 501****Design**

With plastic feet = increased corrosion protection of cabinet.

85320 601**85322 601****85324 601****Design**

With base.



85320 601



85322 601



85324 601

Twist lock for padlocks
with shackle thickness
4.5–6.5 mmGood ventilation and
drying in compartment

Cabinet type	Design	Number of Compartments	Section width mm	External dimensions H x W x D mm	85320	...	85322	...	85324	...
Laundry cabinet	with feet	2	300	1850 x 610 x 500	501					
Laundry cabinet	with base	2	300	1800 x 610 x 500	601					
Cabinet for room cleaning equipment	with feet	2	300	1850 x 610 x 500				501		
Cabinet for room cleaning equipment	with base	2	300	1800 x 610 x 500				601		
Laundry and storage cabinet	with feet	1	300	1850 x 610 x 500						501
Laundry and storage cabinet	with base	1	300	1800 x 610 x 500						601

85327**Bench seats****Design**

- Frame made of square tube, H x D 400 x 400 mm
- Coated in RAL 7035, Light Grey
- Seat slats made of hardwood with clear lacquer
- Available with disassembled feet
- Quick and easy assembly



85327 103



85327 102



85327 101

Length mm	85327	...
1000		103
1500		102
2000		101

85852 101**„Clean Tower“ cleaning station****Design**

- Made from high-quality sheet steel
- Powder-coated, colour: RAL 9006 Silver
- Optimal stand due to 40 cm round floor panel with bores for floor mounting or rollers
- With perforated strip on side for optional mounting of accessories
- With 8 mm groove on side for mounting with sliding blocks

Advantage:

Thanks to its clever modular design, the cleaning station can be individually adapted and put together according to your requirements.

Scope of delivery:

- 1 x „Clean Tower“ cleaning station
- 1 x dustpan, zinc-plated steel
- 1 x hand brush with wooden handle
- 1 x workshop broom, 600 mm wide
- Without box and can holder
- (see accessories art. no. 85852 102–111)

Applications

Ideal for all areas where a range of cleaning accessories are required, such as production, assembly, quality control, goods dispatch.

85852 102-104**Box****Design**

- Made from steel

85852 105**Rubbish bag holder****Applications**

Suitable for customary 70 litre rubbish bags.

85852 106-107**Hooks****85852 108-110****Can holder****Design**

- Made from steel
- Hole diameter 70 mm

85852 111**Pump bottle holder****Design**

- Made from steel
- Hole diameter 103 mm

NEW

Box, made of steel
(optional)

85852 101

Can holder,
2 compartment
(optional)

Can holder,
1 compartment
(optional)

Hand brush
with wooden
handle

Dustpan,
zinc-plated steel

Perforated strip
for accessories

8 mm groove for
mounting with
sliding blocks

Workshop broom,
600 mm wide

Bores for floor
mounting or rollers

85852 102**85852 103****85852 104****85852 105****85852 106****85852 107****85852 108****85852 109****85852 110****85852 111**

	Height mm	Width mm	Depth mm	Colour RAL	85852	...
„Clean Tower“ cleaning station	1910	160	160	9006 Silver		101
Box	60	120	90	9006 Silver		102
Box	100	210	240	9006 Silver		103
Box	110	165	115	9006 Silver		104
Rubbish bag holder	60	376	376	9006 Silver		105
Short hook	55	8	28	9006 Silver		106
Long hook	55	8	128	9006 Silver		107
Can holder, 1 compartment	77	100	90	9006 Silver		108
Can holder, 2 compartment	77	185	90	9006 Silver		109
Can holder, 3 compartment	75	270	90	9006 Silver		110
Pump bottle holder	87	130	130	9006 Silver		111

85900
Cleaning station, equipped

Design

- Made of zinc-plated sheet metal without perforation
- With 50 mm perforation grid for Kanban shelves
- Viewing surfaces powdered in RAL 7021
- Fully pre-assembled

Scope of delivery

- 2 Kanban shelves, zinc-plated, inside approx. 440 x 722 mm
- 1 storage bin, 600 x 400 x 220 mm
- 2 storage bins, 300 x 400 x 220 mm
- 1 rubbish bin made of zinc-plated sheet metal, L x W x H approx. 300 x 300 x 505 mm
- 2 brooms

- 1 hand brush
- 1 dustpan
- 1 shadow board for brooms and dustpan included in delivery
- 1 storage compartment for e.g. spray bottles
- 4 steering rollers Ø 125 mm (double stop)
- Incl. installation of accessories such as hooks and brackets for holding brooms and spray bottles

NEW

External diameters W x D x H mm	Overall static load max. kg	85900	...
512 x 772 x 1952	400		101


85900 101
85900
Coolant trolley, equipped

Design

- Powder-coated housing RAL 7021
- Fully assembled

Scope of delivery

- 1 drawer, internal dimensions 451 x 372 mm
- 1 shelf, internal dimensions 438 x 334 mm
- 1 x 1/2 inch hose winder, standard 20 m
- 1 holder for mixing valve
- 1 bracket for cleaning agents
- 1 bracket for cleaning cloths
- 1 broom set with shadow board
- 2 plastic handles
- 2 steering rollers Ø 125 mm (double stop)
- 2 fixed castors, Ø 125 mm
- Alternatively: 4 x steering rollers

Note:

Mixing valve systems and collection trays available on request.

NEW

External diameters W x D x H mm	Overall static load max. kg	85900	...
382 x 482 x 1752	400		102


85900 102
85495
Shelf plug-in racks, zinc-plated

Design

- Zinc-plated
- Plug-in rack with pre-assembled frame
- Quick plug-in assembly without tools
- Shelves with 50 mm perforation grid to accommodate accessories
- With diagonal struts attached to the reverse
- Shelves height-adjustable in increments of 25 mm

Applications

Universal shelving system for all areas of storage.

Note:

Comprehensive accessories including compartment dividers and partition grid deliverable on request.

85495 101
Basic shelving unit
Scope of delivery:

2 frames, 4 shelves, mounting accessories.

85495 102
Add-on shelf
Scope of delivery:

1 frames, 4 shelves, mounting accessories.

85495 103
Additional shelves

Pack = 2 units.

85495

Planning dimensions and load specifications
Basic shelf:

Nominal length + 56 mm,
nominal depth + 36 mm

Add-on shelf: Nominal length + 6 mm,
nominal depth + 36 mm

Bay load: up to 900 kg

Shelf load: 115 kg

Safety instructions: Secure shelves with a height/depth ratio of ≥ 5:1 against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. Bay load indications apply to shelving lines with 3 or more bays.

Height mm	Length mm	Depth mm	Number of shelves	Shelf load kg	Bay load kg	Basic shelf 85495	...	Add-on shelf 85495	...	Additional shelf 85495	...
2000	1000	400	4	115	900		101		102		
-	1000	400	2	-	-						103

HHW plug-in shelving system, zinc-plated

Characterised by high compatibility and ability to be adapted to a range of purposes. This results in low follow-on costs. The system is precisely tailored to the requirements placed on modern shelving systems.

Depth variation:

The shelf depths can easily be changed by switching the cross beams.

Better load distribution:

Each shelf rests on two cross beams and not just on four corner points.

More stability:

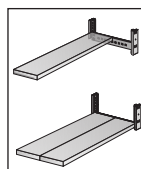
The use of multiple narrow shelves increases the load per shelf e.g. each 500 mm shelf consists of two shelf panels: one 300 mm wide and one 200 mm wide.

Quality characteristic:

Quality assurance by testing of materials, structures and statics. In accordance with standard UVV BGR 234. Permanent factory testing in accordance with DIN ISO 9001.

Note:

A vast range of accessories includes compartment dividers, rear, side and decorative walls, pendulum and hanging file frames, door systems and much more. Painted design available on request.

**85401 - 85404****Basic and add-on shelves – plug-in system, zinc-plated****Note:**

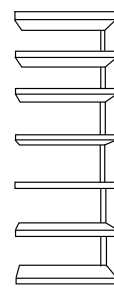
The specified shelf load applies with an evenly distributed load. Rack heights 2640/3000 mm and compartment widths 1200 mm available on request. For additional shelves, see art. no. 85406–85409.

85401 - 85402**Basic shelving unit****Design**

Complete with all the necessary components (including cross struts), not assembled. Bay load each 2500 kg (with shelf distance 400 mm).

85403 - 85404**Add-on shelves****Applications**

For basic shelves art. no. 85401–85402. Complete (including cross struts for each 2nd section), not assembled. Bay load each 2500 kg (with shelf distance 400 mm).

85401 - 85402**85403 - 85404****Basic shelf****Add-on shelf**

Shelf height mm	Compartment width mm	Shelf length mm	Shelf depth mm	Shelf load kg	Number of shelves Unit	Basic shelf 85401	...	Add-on shelf 85403	...
1920	800	780	300	130	5	601		601	
1920	800	780	400	200	5	602		602	
1920	800	780	500	230	5	603		603	
1920	800	780	600	260	5	604		604	
2280	800	780	300	130	6	611		611	
2280	800	780	400	200	6	612		612	
2280	800	780	500	230	6	613		613	
2280	800	780	600	260	6	614		614	

Shelf height mm	Compartment width mm	Shelf length mm	Shelf depth mm	Shelf load kg	Number of shelves Unit	Basic shelf 85402	...	Add-on shelf 85404	...
1920	1000	980	300	100	5	601		601	
1920	1000	980	400	140	5	602		602	
1920	1000	980	500	170	5	603		603	
1920	1000	980	600	200	5	604		604	
2280	1000	980	300	100	6	611		611	
2280	1000	980	400	140	6	612		612	
2280	1000	980	500	170	6	613		613	
2280	1000	980	600	200	6	614		614	

85406 - 85409**Additional shelves (panels)****Design**

Made of sheet steel, folded 3 times at the front. Zinc-plated, including 2 cross beams.

Applications

For art no. 85401–85404.

Note:

Shelf depth 300 mm =

1 panel, 300 mm wide,

Shelf depth 400 mm =

2 panels, each 200 mm wide,

Shelf depth 500 mm =

2 panels, each 200 and 300 mm wide,

Shelf depth 600 mm =

2 panels, each 300 mm wide.

Shelf depth Shelf width mm	300 mm 85406	...	400 mm 85407	...	500 mm 85408	...	600 mm 85409	...
800	201		301		401		301	
1000	202		302		402		302	



META shelves stand for:

- Quality Made in Germany
- Optimal functionality and customer value
- Stability and durability
- Flexibility – they can be converted, retrofitted and combined with other shelving systems as desired
- High shelf and bay loads
- Extensive range of system accessories

The META product range includes:

- Storage shelves as a plug-in or screw-in shelving system
- Wide-span shelves
- Pallet shelves
- Multi-level shelving systems
- Dynamic and portable shelves
- Cantilever shelves



META storage shelves

Consisting of just two system components (frame and shelves), the result is complex shelving lines for all uses within small parts storage (e.g. spare parts depot in industry and trade, sale warehouse in joint production and retail facilities). The extensive range of system accessories allows you to design the shelf according to your own preferences.



META pallet shelves

The optimal solution for rational, orderly and adaptable pallet and bulk storage.



META wide-span shelves

The two systems META SPEED-RACK® and META MINI-RACK are perfectly suited for the storage of large, bulky and heavy parts. They provide an alternative to the pallet shelf and are versatile in use across various sectors.



META cantilever shelves

The optimal solution for all types of storage – from small, compact shelving lines (single- and double-sided) for lightweight to moderately heavy long items to towering cantilever shelves for heavy profiles and panels.

META**Design**

- Plug-in rack with pre-assembled frame = clinched frame
- Quick plug-in assembly without tools
- Shelves with 50 mm perforation grid to accommodate accessories
- Single row, with diagonal struts attached to the reverse
- Shelves height-adjustable in increments of 25 mm

85410 + 85420**Design**

Zinc-coated.

85412 + 85422**Design**

RAL 7035 Light grey.

Note:

Planning dimensions and load information
see cat. page 85.19.



85410 + 85420

Height mm	Length mm	Depth mm	Number of shelves	Bay load kg	Shelf load kg	Zinc-plated		RAL 7035		kg
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
						85410	...	85412	...	150
2000	1000	300	5	150	1650		101	201	101	201
2000	1000	400	5	150	1650		102	202	102	202
2000	1000	500	5	150	1650		103	203	103	203
2000	1000	600	5	150	1650		104	204	104	204
2500	1000	300	6	150	2400		105	205	105	205
2500	1000	400	6	150	2400		106	206	106	206
2500	1000	500	6	150	2400		107	207	107	207
2500	1000	600	6	150	2400		108	208	108	208

	Height mm	Length mm	Depth mm	Number of shelves	Zinc-plated		RAL 7035	
					85414	...	85414	...
Additional shelf	40	1000	300	1		101		201
Additional shelf	40	1000	400	1		102		202
Additional shelf	40	1000	500	1		103		203
Additional shelf	40	1000	600	1		104		204

Height mm	Length mm	Depth mm	Number of shelves	Bay load kg	Shelf load kg	Zinc-plated		RAL 7035		kg
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
						85420	...	85422	...	230
2000	1000	300	5	230	1650		101	201	101	201
2000	1000	400	5	230	1650		102	202	102	202
2000	1000	500	5	230	1650		103	203	103	203
2000	1000	600	5	230	1650		104	204	104	204
2000	1000	800	5	230	1650		105	205	105	205
2500	1000	300	6	230	2400		106	206	106	206
2500	1000	400	6	230	2400		107	207	107	207
2500	1000	500	6	230	2400		108	208	108	208
2500	1000	600	6	230	2400		109	209	109	209
2500	1000	800	6	230	2400		110	210	110	210

	Height mm	Length mm	Depth mm	Number of shelves	Zinc-plated		RAL 7035	
					85425	...	85425	...
Additional shelf	40	1000	300	1		101		201
Additional shelf	40	1000	400	1		102		202
Additional shelf	40	1000	500	1		103		203
Additional shelf	40	1000	600	1		104		204
Additional shelf	40	1000	800	1		105		205

Plug-in racks

85430 - 85435

Single row META CLIP plug-in racks, length 1,300 mm



META

Design

- Plug-in rack with pre-assembled frame = clinched frame
- Quick plug-in assembly without tools
- Shelves with 50 mm perforation grid to accommodate accessories
- Single row, with diagonal struts attached to the reverse
- Shelves height-adjustable in increments of 25 mm

85430

Design

Zinc-coated.

85432

Design

RAL 7035 Light grey.



85430

Planning dimensions and load specifications

Basic shelf: Nominal length + 56 mm,
nominal depth + 36 mm

Add-on shelf: Nominal length + 6 mm,
nominal depth + 36 mm

Bay load: up to 2,400 kg

Shelf load: 150 or 230 kg
(max. load of top shelf = 200 kg)

Safety instructions: Secure shelves with a height/depth ratio of $\geq 5:1$ against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. Bay load indications apply to shelving lines with 3 or more bays.



Extensive range of accessories such as compartment dividers, drawers, etc. available on request

Height mm	Length mm	Depth mm	Number of shelves	Bay load kg	Shelf load kg	Zinc-plated		RAL 7035		kg
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
						85430	...	85432	...	230
2000	1300	300	4	230	1650	101	201	101	201	
2000	1300	400	4	230	1650	102	202	102	202	
2000	1300	500	4	230	1650	103	203	103	203	
2000	1300	600	4	230	1650	104	204	104	204	
2000	1300	800	4	230	1650	105	205	105	205	
2500	1300	300	5	230	2350	106	206	106	206	
2500	1300	400	5	230	2350	107	207	107	207	
2500	1300	500	5	230	2350	108	208	108	208	
2500	1300	600	5	230	2350	109	209	109	209	
2500	1300	800	5	230	2350	110	210	110	210	
3000	1300	300	6	230	1900	111	211	111	211	
3000	1300	400	6	230	1900	112	212	112	212	
3000	1300	500	6	230	1900	113	213	113	213	
3000	1300	600	6	230	1900	114	214	114	214	
3000	1300	800	6	230	1900	115	215	115	215	

	Height mm	Length mm	Depth mm	Number of shelves	Zinc-plated		RAL 7035	
					85435	...	85435	...
Additional shelf	40	1300	300	1	101		201	
Additional shelf	40	1300	400	1	102		202	
Additional shelf	40	1300	500	1	103		203	
Additional shelf	40	1300	600	1	104		204	
Additional shelf	40	1300	800	1	105		205	

META**Design**

- Large-scale XXL shelves with pre-assembled frame and diagonal struts
- Shelf length 1500 mm and 1700 mm for mass storage
- Horizontal storage of long and bulky goods possible
- Single row plug-in rack with pre-assembled frame = clinched frame
- Quick plug-in assembly without tools
- Shelf dividers in the associated depths
- Shelves height-adjustable in increments of 25 mm
- Shelves with 50 mm perforation grid to accommodate accessories
- 60 mm wide M-length channel ensures maximum load even with large shelf widths

Planning dimensions and load specifications

Basic shelf: Nominal length + 56 mm,
Nominal depth + 36 mm

Add-on shelf: Nominal length + 6 mm,
Nominal depth + 36 mm

Bay load: up to 1400 kg

Shelf load: 200 kg

Safety instructions: Shelves with a height/depth ratio of $\geq 5:1$ must be secured against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. Bay load indications apply to shelving lines with 3 or more bays.



85436 - 85439



60 mm wide M-length channel ensures maximum load even with large shelf widths

Height mm	Length mm	Depth mm	Number of shelves	Bay load kg	Shelf load kg	Zinc-plated		RAL 7035		kg 200
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
						85436	...	85437
2000	1500	500	4	200	1200	101	201	101	201	201
2000	1500	600	4	200	1200	102	202	102	202	202
2500	1500	500	5	200	1400	103	203	103	203	203
2500	1500	600	5	200	1400	104	204	104	204	204

Height mm	Length mm	Depth mm	Number of shelves	Zinc-plated		RAL 7035	
				Basic shelf	Add-on shelf	Basic shelf	Add-on shelf
				85440	...	85440	...
Additional shelf	40	1500	500	1	101	201	201
Additional shelf	40	1500	600	1	102	202	202

Height mm	Length mm	Depth mm	Number of shelves	Bay load kg	Shelf load kg	Zinc-plated		RAL 7035		kg 200
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
						85438	...	85439
2000	1700	500	4	200	1200	101	201	101	201	201
2000	1700	600	4	200	1200	102	202	102	202	202
2500	1700	500	5	200	1400	103	203	103	203	203
2500	1700	600	5	200	1400	104	204	104	204	204

Height mm	Length mm	Depth mm	Number of shelves	Zinc-plated		RAL 7035	
				Basic shelf	Add-on shelf	Basic shelf	Add-on shelf
				85441	...	85441	...
Additional shelf	40	1700	500	1	101	201	201
Additional shelf	40	1700	600	1	102	202	202

85480

META CLIP S3 sloping shelves with compartment divider wires/compartment dividers

META**Design**

- The META CLIP S3 shelving system with completely disassembled frame achieves especially high stability and load
- Quick plug-in assembly without tools
- Shelves height-adjustable in increments of 25 mm
- Zinc-plated

Applications

Particularly suitable for boxed goods such as packets of screws or for the storage of small parts in small storage bins

Planning dimensions and load specifications

Single row basic shelf: Nominal length + 56 mm, nominal depth + 36 mm

Single row add-on shelf: Nominal length + 6 mm, nominal depth + 36 mm

Double row basic shelf: Nominal length + 56 mm, 2 x nominal depth + 75 mm

Double row add-on shelf: Nominal length + 6 mm, 2 x nominal depth + 75 mm

Bay load: 1400 kg or 1800 kg

Shelf load: 200 kg

Safety instructions: Secure shelves with a height/depth ratio of $\geq 5:1$ against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. Bay load indications apply to shelving lines with 3 or more bays.

85480 101-104

Design

- Single-sided rack
- With compartment divider wires
- 6 compartment divider wires per sloping shelf included in scope of delivery

85480 201-204

Design

- Double-sided shelf
- With compartment divider wires
- 6 compartment divider wires per sloping shelf included in scope of delivery

85480 301-302

Design

- Single-sided rack
- With compartment dividers

85480 101-104

85480 201-204



						single-sided		double-sided		kg 200
						Basic shelf	Add-on shelf	Basic shelf	Add-on shelf	
Height mm	Length mm	Depth mm	Number shelves	Shelf load kg	Bay load kg	85480	...	85480
2000	1000	500	8	200	1800	101	...	103	...	203
2000	1000	800	8	200	1800	102	...	104	...	204
2000	1000	500	6	200	1400	301	...	302

85490

META CLIP S3 sloping shelves

META**Design**

- Easy and quick plug-in installation with flat-pack S3 plug-in frames
- FIFO principle (First In/First Out): Goods that are stored first are also consumed first. Particularly important for goods with an expiration date
- The uppermost level is fully available for loading since there are no cross struts
- The shelves have an 18° incline so that goods stored on them virtually move themselves forward for removal
- Shelf levels adjustable in increments of 25 mm
- Zinc-plated

Planning dimensions and load specifications

Basic shelf: Nominal length + 56 mm above everything

Add-on shelf: Nominal length + 6 mm above everything

Frame depth: 1228 mm above everything

Bay load: 1,200 kg

Shelf load: 200 kg

Safety instructions: Secure shelves with a height/depth ratio of $\geq 5:1$ against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. Bay load indications apply to shelving lines with 3 or more bays.

85490 203

Guide rail**Applications**

2 guides can be inserted in each shelf to guide the boxes laterally. Price per unit.



						Basic shelf		Add-on shelf	
Height mm	Width mm	Depth mm	Number of shelves	Shelf load kg	Bay load kg	85490	...	85490	...
2000	1000	1228	4	200	1200	101	...	103	...
2000	1300	1228	4	200	1200	102	...	104	...

Zinc-plated

						Zinc-plated	
Height mm	Width mm	Depth mm	Number of levels	Shelf load kg		85490	...
Additional shelf level	50	1000	1228	1	200		201
Additional shelf level	50	1300	1228	1	200		202
Guide rail	-	-	-	-	-		203



85490



META**Design**

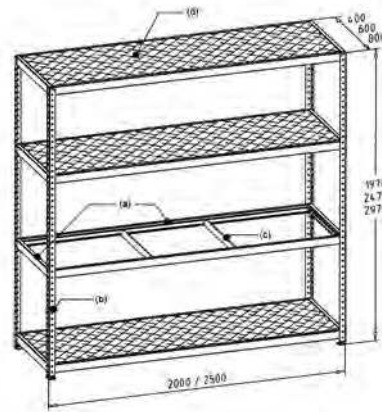
- Complete shelf with chipboards, 19 mm
- Structurally simple wide-span shelf with equal-sided, symmetrical angled sections
- Easy to fit by means of plug-in installation
- Variable placement options due to basic construction
- Continuous edge protection of the wooden inserts thanks to flush assembly inside the step strut
- Shelf heights adjustable in increments of 50 mm
- Step strut in longitudinal and depth direction
- 2 beams under each shelf
- Surface: Zinc-plated profiles and struts

Scope of delivery:

- 8 step struts in longitudinal direction (a)
- 8 step struts in depth direction (a)
- 4 support profiles (b)
- 8 A-beams (c)
- 4 chipboards (D)
- 4 bearing plates
- 4 plug-in feet

Note:

Available with steel panels on request.

**Planning dimensions and load specifications**

Nominal size = actual size

(structure only in basic shelf construction)

Bay load: up to a maximum of 3000 kg

Shelf load: up to a maximum of 500 kg

Safety instructions: Secure shelves with a height/depth ratio of $\geq 5:1$ against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads.



85541



Plug-in foot



Step strut



Height mm	Length mm	Depth mm	Number shelves	Shelf load kg	Bay load kg	Shelf 85541	...	Add-on shelf 85545	...
1970	2000	400	4	500	3000			101	101
1970	2000	600	4	500	3000			102	102
1970	2000	800	4	500	3000			103	103
2470	2000	400	4	500	3000			104	101
2470	2000	600	4	500	3000			105	102
2470	2000	800	4	500	3000			106	103
2970	2000	400	4	500	3000			107	101
2970	2000	600	4	500	3000			108	102
2970	2000	800	4	500	3000			109	103

META**Design**

- Surface: Frame and bracing Sendzimir galvanised
- Shelf: Steel panels (natural chipboard type on request)
- Goods can be stored in a horizontal or vertical position
- Shelves adjustable in increments of 50 mm
- Step struts with perforation in increments of 200 mm to accommodate dividers

Applications

Alternative to a pallet shelf for large and heavy single products.

Note:

Other dimensions and accessories such as dividers, compartment divider rods, etc. available on request.

Planning dimensions and load specifications

Basic shelf: Nominal length + 107 mm

Add-on shelf: Nominal length + 51 mm

Bay load: 2750 or 3200 kg

Shelf load: 600 kg

Safety instructions: Secure shelves with a height/depth ratio of $\geq 5:1$ against tipping (anchor to wall or base). Shelf/bay loads apply with evenly distributed loads. 2 floor anchors per frame.



85548

Height mm	Length mm	Depth mm	Number of shelves	Shelf load kg	Bay load kg	Basic shelf 85548	...	Add-on shelf 85548	...	Additional shelf 85549	...
2200	1800	650	3	600	3200			103		203	101
2200	1800	800	3	600	3200			104		204	102
2200	1800	1050	3	600	3200			105		205	103
2200	2200	650	3	600	2750			106		206	104
2200	2200	800	3	600	2750			107		207	105
2200	2200	1050	3	600	2750			108		208	106

Pallet shelves

85550 - 85552

META MULTIPAL pallet shelves



META

Design

- 4 hook clasps, height adjustable in increments of 50 mm
- Closed box profiles = high stability
- Racks consist of cold-formed profiles, screwed to the bracing on site
- Zinc-plated stand (available in RAL 5010 Gentian blue on request)
- Struts in RAL 2001 Red orange

Scope of delivery for basic unit:

2 stands incl. floor anchor, struts according to table.

Scope of delivery for add-on unit:

1 stands incl. floor anchor, struts according to table.

Applications

Modern, sophisticated pallet shelving system for the storage of light to moderately heavy pallets or piece goods. Longways or crossways storage possible.



85550 - 85552

Height mm	Length mm	Depth mm	Number of levels *	Strut Type	Shelf load kg	Bay load kg	Basic shelf		Add-on shelf	
							85550	...	85550	...
2700	1825	800	3	85/15	2200	7500			101	401
2700	1825	1100	3	85/15	2200	7500			201	601
2700	2700	800	3	85/15	1500	5250			104	404
2700	2700	1100	3	85/15	1500	5250			204	604
3300	1825	800	3	85/15	2200	7500			102	402
3300	1825	1100	3	85/15	2200	7500			202	602
3300	2700	800	3	85/15	1500	5250			105	405
3300	2700	1100	3	85/15	1500	5250			205	605
4400	1825	800	4	85/15	2200	7450			103	403
4400	1825	1100	4	85/15	2200	7450			203	603
4400	2700	800	4	85/15	1500	6950			106	406
4400	2700	1100	4	85/15	1500	6950			206	606

Note:

*Number of levels including floor storage level.
Up to 12 metres high and accessories available on request.

Planning dimensions and load specifications

Overall width:

Basic shelf: Strut length + 170 mm

Add-on shelf: Strut length + 85 mm

Total depth = frame depth

Bay load: up to a maximum 7500 kg for a maximum buckling length of 1000 mm

Shelf load: up to a maximum 2,400 kg for a maximum buckling length of 1000 mm

Load specifications for shelf height 1000 mm

Safety instructions: The shelf loads apply with evenly distributed load. Additional shelf levels are possible up to the maximum bay load. The specified shelf and bay loads are applicable to shelf units of at least 4 shelf bays and at least 2 strut pairs.

Quality characteristics in accordance with Rule 108-007 of the DGUV professional association. Permanent factory testing in accordance with DIN EN ISO 9001.

Continued ►

Height mm	Length mm	Depth mm	Number of levels *	Strut Type	Shelf load kg	Bay load kg	Basic shelf		Add-on shelf	
							85552	...	85552	...
2700	2700	800	3	100/20	2400	7500			201	401
2700	2700	1100	3	100/20	2400	7500			301	501
3300	2700	800	3	100/20	2400	7450			202	402
3300	2700	1100	3	100/20	2400	7500			302	502
4400	2700	800	4	100/20	2400	7500			203	403
4400	2700	1100	4	100/20	2400	7450			303	503

Info

Annual inspection requirement for storage facilities

Short: Storage equipment/shelves are classified as work equipment. They are subject to the German Industrial Safety Regulation (BetrSichV). They must be checked by authorised persons in accordance with Section 10 of the BetrSichV. The new European standard DIN EN 15635 specifies the sequence to follow when checking storage equipment/shelves.

New European standard

The new European standard DIN EN 15635 and the German Industrial Safety Regulation require warehouse operators to have an inspection of their shelving equipment carried out by a competent person on a regular basis. The Verband der Lagertechnik und Betriebseinrichtung (Association of Storage Technology and Factory Equipment) trains and certifies shelving inspectors who check the safety of shelving systems annually.

Load capacity of shelves

In the age of digitisation, complex computer programs calculate how to structure professional storage equipment to use their storage

space most effectively. One of the most efficient means of material savings is reducing the sheet thickness of shelves, i.e. through optimal profiling of thin-walled sheets. Even minor damage can reduce the load capacity of a shelf. Unstable shelving systems can be extremely dangerous for people, machines and stored goods.

German Industrial Safety Regulation (BetrSichV)

According to the German Federal Ministry of Labour and Social Affairs in Bonn, shelves are classified as work equipment and are thus subject to the Industrial Safety Regulation (BetrSichV). The BetrSichV applies to the provision of shelves by the employer as well as the use of shelves by employees. Paragraph 10 of the BetrSichV requires that storage facilities are inspected on a regular basis. In accordance with Section 3, the nature, scope and period of required inspections must be determined for shelves. The scope and process for inspections of storage facilities are regulated in the European

standard DIN EN 15635, which was published by Beuth Verlag in May 2007.

We will be happy to advise you about this new service in person or by telephone.

Please call us on: +49 (0)6204 / 7391116



Continued

85551 - 85555

META**Design**

- Permissible frame load dependent on shelf height, see adjoining table
- **Zinc-plated frame surface**
- **Safety regulation in accordance with ZH 1/428:**
The end frames must be 500 mm higher than the top strut
- Delivery incl. 2 floor anchors M 10

Note:

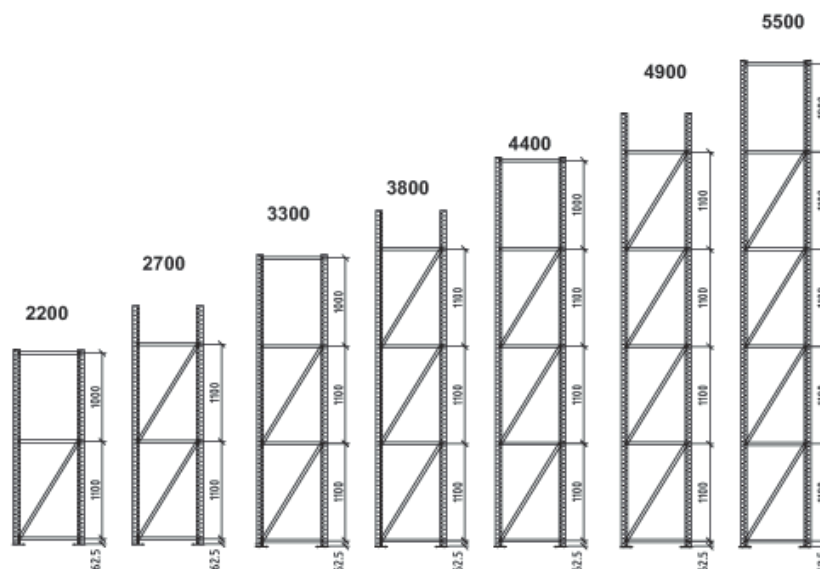
Shelving frames with higher loads available on request. Frames are delivered disassembled for transport reasons. Plastic-coated design in RAL 5010 and frame depth 800 mm available on request.

Bay loads:

The specified standing loads apply to shelves with a height of approx. 8 m (top strut) and are intended for orientation purposes. Different loads are possible depending on the number of levels and shelf height.

For exact bay loads and heights of up to 12 m, please ask with regard to the specific project. The bay load specifications are based on the following conditions:

- An even load distribution on all struts
- At least 4 bays
- At least 3 strut levels
- Shelf widths up to 2700 mm



Loads for shelves with approx. 8 m height and at least 3 levels

Stands Type	Shelf height mm	Type 85/15 * Load kg	Type 100/20 * Load kg
SR 85/20	1000	9600	9700
SR 85/20	1500	8650	8950
SR 85/20	2000	7800	8250

* Strut profiles up to a shelf width of less than or equal to 2700 mm

Frame height mm	Frame depth mm	85555	...
2700	800	101	
3300	800	102	
4400	800	103	
5500	800	104	

Frame height mm	Frame depth mm	85551	...
2200	1100	301	
2700	1100	302	
3300	1100	303	
3800	1100	304	
4400	1100	305	
4900	1100	306	
5500	1100	307	

85556

META MULTIPAL struts

META**Design**

Colour: RAL 2001 Orange.

All prices per unit.

Please order in pairs.

Note:

Max. load (kg) per pair of struts with a shelf height of 1500 mm. The load per pair of struts applies to an evenly distributed load.

85556

Strut type HN	Strut length mm	Shelf load with shelf frame 85/20 kg	85556	...
85/15	1825	2250	098	
85/15	2700	1550	100	
100/20	1825	3350	201	
100/20	2700	2400	203	



Info

Permanent lifting magnets

Permanent lifting magnets can be found in the catalogue group 78, art. no. 78739.



85557

Pallet extensions

Design

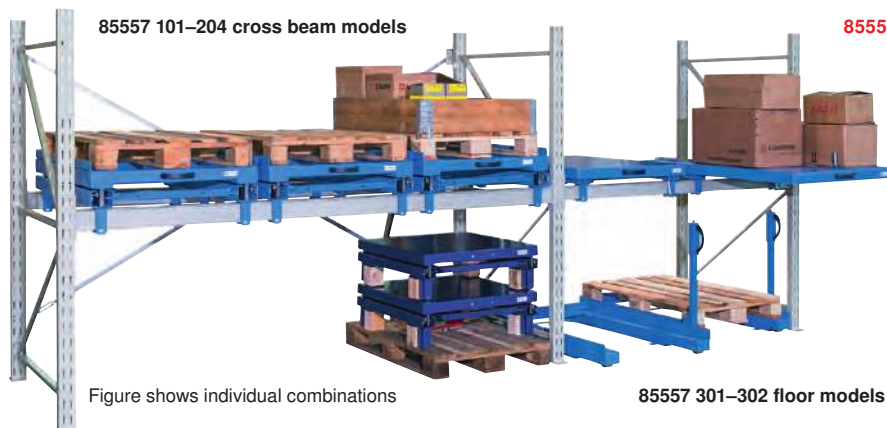
- The pallet extensions are extensively pre-assembled and are directly mounted on the cross beams (pallet struts) or on the floor
- The extensions can be pulled out from one side, or from both sides as an option (this enables loading from the back and removal from the front)
- Load capacity of pallet extensions from 500–1000 kg
- Pull-out shelves with sheet metal cover and anti-roll-off edging, optionally also with wood covering, incl. drawer lock
- The load values apply to an evenly distributed load

Options:

Individual special sizes and special designs, as well as almost all RAL colours are available on request.

Applications

As accessories to pallet shelves, pallet extensions significantly expand the usage options and enable optimised access to stored products from 3 sides. Retrofitting is possible with almost all systems.



Important planning dimensions for the existing pallet shelf:

- Cross beam distance, external/external
- Profile height of cross beams
- Profile depth of cross beams
- Load of cross beams
- Bay load
- Manufacturer, name, etc.

Safety precautions:

Due to the eccentric load when pulling out the pallet extension, the entire load lies on the front cross beam (pallet strut). The load capacity of the individual cross beam must therefore correspond to the max. load of the extensions installed on this level. The rear cross beam in particular must be secured against overburdening. The pallet shelf must be secured against tipping.

Model	Extension ability %	For shelf depth mm	Load kg	Installation height of extensions mm	Dimensions mm	85557	...
Cross beam	70	800	500	80	850 x 1250 x 75	101	
Cross beam	70	800	1000	120	850 x 1250 x 75	102	
Cross beam	70	1100	500	80	1250 x 850 x 75	103	
Cross beam	70	1100	1000	120	1250 x 850 x 75	104	
Cross beam	95	800	500	160	850 x 1250 x 130	201	
Cross beam	95	800	1000	160	850 x 1250 x 130	202	
Cross beam	95	1100	500	160	1250 x 850 x 130	203	
Cross beam	95	1100	1000	160	1250 x 850 x 130	204	
Floor	95	800	1000	80	850 x 1280 x 85	301	
Floor	95	1000	1000	80	1250 x 850 x 85	302	

85553

Crash protection corner

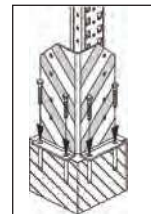


Design

Complete with 4 screw anchors.

Applications

For protecting shelf posts at entrances and passageways in accordance with the requirements of the FEM.



85553

Height mm	Signal colour	85553	...
400	black/yellow	101	

85554

Shelf impact protection Rack Armour®

Design

- Optimum safety and protection, suitable for almost all brands of shelf racks
- Costs a fraction of the cost of repairing or replacing shelves
- Even minor damage can reduce the load capacity of a shelf
- Unstable shelving systems can be extremely dangerous for people, machines and stored goods
- DEKRA-tested and certified

Advantages:

- Optimum safety and protection, made from high-quality (HDPE) polyethylene
- Highly visible in fluorescent yellow
- Very high shock absorption, absorbs an impact force of up to 2.4 tonnes
- Tested according to European and international standards, FEM 10/02/02, AS 4084
- No pulling away during pallet removal

- Quick and easy to assemble without additional mounting
- Due to the round, fixed construction, lifting forks are diverted away from shelf stands and no collision occurs in the first place
- This prevents accidents with severe consequences and minimises repair costs in most cases
- No damage to shelf in the event of collision, as no mounting to the ground is required
- Elastic, resilient, dimensionally stable. Springs back to its old shape in the event of collision
- Sleek European construction
- Highly durable. Withstands even steel and other hard materials
- Suitable for deep-freeze storage, withstands continual extreme temperatures down to -40 °C
- Non-toxic and fully recyclable



85554

Size	For support width mm	Height mm	85554	...
S	70 - 87	600	101	
M	88 - 100	600	102	
L	101 - 110	600	103	
XXL	111 - 120	600	104	





META

Design

- Hot-rolled profiles IPE 120 (light) or IPE 140 (medium) perforated on both sides for later conversion from one-sided to double-sided. Only the foot part is replaced in this case
- Cantilevers adjustable in increments of 100 mm
- Sturdy, top-class branded quality
- Perfect safety down to the last detail
- Built-in extension options and precisely dimensioned, customised solutions
- Quick access to goods
- Anti-lift device reliably secures the cantilevers against unintentional removal when goods are stored or removed
- Axis diameter 1030 mm
- RAL 5010 Gentian blue

Applications

For L = light or M = medium load requirements.
For vertical and horizontal storage of long goods, storage of sheet and plate material.

Planning dimensions and load specifications

Length of basic shelf:

Light: Axis diameter + 64 mm

Medium: Axis diameter + 73 mm

One-sided shelf depth:

Light: Nominal depth + 210 mm

Medium: Nominal depth + 230 mm

Double-sided shelf depth:

Light: 2 x nominal depth + 220 mm

Medium: 2 x nominal depth + 240 mm

Foot load: 5 x arm load

Safety instructions: Base anchors must be used if the height/depth ratio is $\geq 5:1$ or the operational conditions require.

85561 101-118

One-sided shelf,
L (light).

85561 201-218

Double-sided shelf,
L (light).

85561 301-303

Additional cantilever L,
height 40 mm.

85562 101-125

One-sided shelf,
(M) medium.

85562 201-224

Double-sided shelf,
(M) medium.

85562 301-304

Additional cantilever M,
height 70 mm.



Inserted cantilever arm with locking screw, height-adjustable at any time, subsequent modification possible



85561

85562

L (Light)						single-sided			double-sided			Cantilever L			
						Basic shelf	Add-on shelf		Basic shelf	Add-on shelf					
Height mm	Length mm	Depth mm	Number of arms	Arm load kg	Stand load one-sided kg	85561	...	85561	...	85561	...	85561	...	85561	...
2000	1000	400	4	220	1750			101		110		201		210	301
2000	1000	500	4	175	1450			102		111		202		211	302
2000	1000	600	4	140	1300			103		112		203		212	303
2500	1000	400	4	220	1610			104		113		204		213	301
2500	1000	500	4	175	1300			105		114		205		214	302
2500	1000	600	4	140	1120			106		115		206		215	303
3000	1000	400	5	220	1500			107		116		207		216	301
3000	1000	500	5	175	1200			108		117		208		217	302
3000	1000	600	5	140	1000			109		118		209		218	303

M (Medium)						single-sided			double-sided			Cantilever M			
						Basic shelf	Add-on shelf		Basic shelf	Add-on shelf					
Height mm	Length mm	Depth mm	Number of arms	Arm load kg	Stand load one-sided kg	85562	...	85562	...	85562	...	85562	...	85562	...
2000	1000	400	4	535	2880		101		112		201		213		301
2000	1000	500	4	430	2340		102		113		202		214		302
2000	1000	600	4	355	2000		103		114		203		215		303
2000	1000	800	4	250	1650		104		115		204		216		304
2500	1000	400	4	535	2500		105		116		205		217		301
2500	1000	500	4	430	2200		106		117		206		218		302
2500	1000	600	4	355	1900		107		118		207		219		303
2500	1000	800	4	250	1500		108		119		208		220		304
3000	1000	400	5	535	2300		109		120		209		221		301
3000	1000	500	5	430	2000		124		121		210		222		302
3000	1000	600	5	355	1750		110		122		211		223		303
3000	1000	800	5	250	1250		111		123		212		224		304

Accessories	Useful height mm	Dimensions mm	85563	...
Anti-roll-off mandrel, zinc-plated	100	20 x 10 x 170	101	
Anti-roll-off mandrel, zinc-plated	200	20 x 10 x 270	102	
Anti-roll-off mandrel mount for foot part, completely zinc-plated	-	-	103	
Foot clip + screw anchor, completely zinc-plated, 2 clips necessary per foot	-	-	104	



Heavy-load pull-out shelves

85540 - 85543

Heavy-load pull-out shelves

Design

- **3 pull-out shelves, 1 upper fixed shelf**
- Support frame made of profiled U 80, completely assembled
- Bay load up to max. 10,000 kg
- Load capacity of pull-out shelves from 500–1200 kg
- The pull-out shelves are extensively pre-assembled
- Extensions with individual extension lock
- Extensions and shelves height adjustable in increments of 50 mm
- Pull-out shelf with sheet metal cover and anti-roll-off edging, optionally also with smooth sheet or wood covering, incl. extension lock
- Installation height of the pull-out shelves 130 mm + 20 mm anti-roll-off edging
- Fixed shelves load 500 kg
- The load values apply to an evenly distributed load

Options:

Further equipment variants e.g. with drawers, with hinged doors, with electric shutters or individual special sizes and special designs, as well as almost all RAL colours are available on request.

Applications

Pull-out shelves for storing extremely heavy loads such as injection moulds, punching tools, engines and other heavy products.

Note:

On request, up to 3 shelf bays with bay width 1300 mm and up to 4 whole shelves with bay width 900 mm can be delivered completely pre-assembled. Unloading options must be clarified.

Planning dimensions:

Adding together the clear bay widths + number of frames x 80 mm + 2 x 20 mm base plates gives the effective external width.

The usable depth corresponds to the effective shelf depth.

Safety instructions:

Floor characteristics: Level concrete flooring with minimum strength of B25. Max. screed thickness 35 mm with underlying concrete of at least 200 mm thickness. When assembling several add-on bays, a diagonal cross is required with every 2nd add-on bay for safety reasons.

Collision protection is a legal requirement.

85540 - 85543



Figure shows individual combinations

Type of extension 70 %

	Width mm	Height mm	Clear bay width mm	Load kg	Pull-out shelves Number	Upper shelves Number	Depth 850 mm 85540	...	Depth 1250 mm 85540	...
Basic bay	1060	2500	900	800	3	1				
Add-on bay	980	2500	900	800	3	1				
Pull-out shelf	800	65	900	800	1	-				
Basic bay	1460	2500	1300	800	3	1				
Add-on bay	1380	2500	1300	800	3	1				
Pull-out shelf	1200	65	1300	800	1	-				

Type of extension 100 %

	Width mm	Height mm	Clear bay width mm	Load kg	Pull-out shelves Number	Upper shelves Number	Depth 850 mm 85542	...	Depth 1250 mm 85542	...
Basic bay	1060	2500	900	1200	3	1				
Add-on bay	980	2500	900	1200	3	1				
Pull-out shelf	900	130	900	1200	1	-				
Basic bay	1460	2500	1300	1200	3	1				
Add-on bay	1380	2500	1300	1200	3	1				
Pull-out shelf	1300	130	1300	1200	1	-				

Accessories

	Frame depth mm	Height mm	Clear bay width mm	85543	...
Individual rack stands, completely pre-assembled	850	2500	-		101
Individual rack stands, completely pre-assembled	1250	2500	-		102
Shelf, load 500 kg	850	-	900		103
Shelf, load 500 kg	850	-	1300		104
Shelf, load 500 kg	1250	-	900		105
Shelf, load 500 kg	1250	-	1300		106
Diagonal cross for each basic bay and for each 2nd add-on bay	-	-	900		107
Diagonal cross for each basic bay and for each 2nd add-on bay	-	-	1300		108

With us, you receive everything from a single source

Whether planning a single cupboard or an entire workshop. We plan your factory equipment to scale directly in your architect's plan, if this is available. As a complete provider of factory equipment, we supply you with everything from a single source.

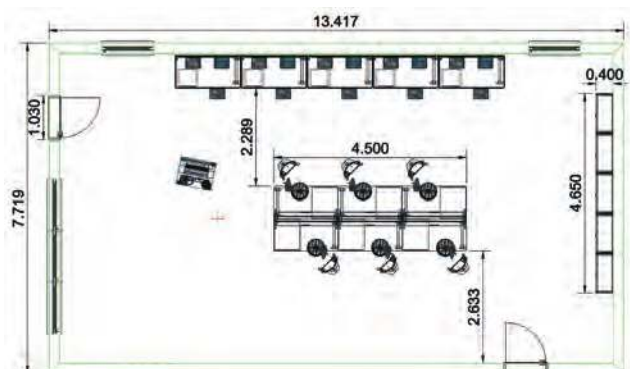
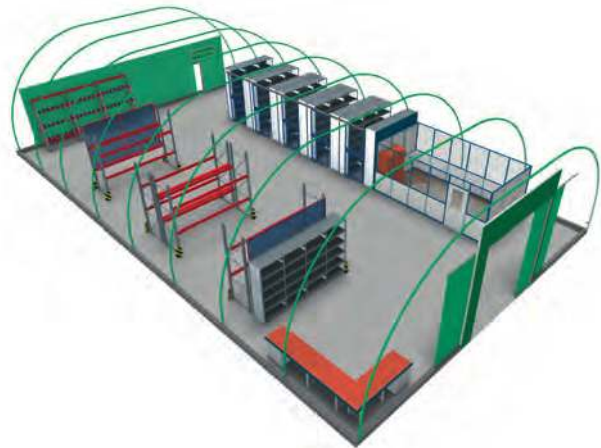
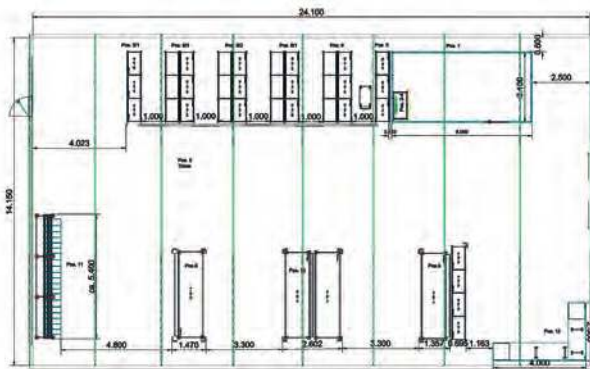
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Do you have any questions? We will be happy to provide advice.

Your benefits:

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- Fast and straightforward presentation of your planning in 3D
- Workflows can be optimised through CAD-supported planning

Factory equipment from HHW – a complete package



Partitioning systems

85572

Partitioning system 9200

1 85572 101-104 Wall elements

- Profile frame with welded wire grid

85572 105

Vario corner element

- Enables variable angle adjustment at divider corners
- Eliminates the use of corner posts

85572 106

Vario element

- Extendable from 550–950 mm as adjustment element

2 85572 107 Single door

- Can be used left and right

3 85572 108-109 Double doors

- Can be used left and right
- Double leaf
- Can optionally be opened inwards or outwards using the variable stop

4 85572 110-111 Sliding doors

- With guide rail
- Floor guides and stop buffers
- Space saving
- Opens on both sides
- Door leaves run internally

5 85572 112 Output element

- With one-piece flap
- Upwards opening using gas-pressure spring
- Locking and perforation for lock

6 85572 113 Table

- Width x depth 880 x 500 mm

7 85572 114-122 Mountable elements

- For raising wall, door and output elements to 2250 mm
- Assembly with mountable posts

85572 123

Wall connection profile

- From U-beam
- Perforated for plug screws
- Alternative to end posts

85572 124

End posts

- Made of rectangular tube
- 70 x 40 x 3 mm with narrow base plate
- Screw-on lugs on one side for the elements
- Complete with screws and anchors

85572 125

Centre posts

- Made of rectangular tube
- 70 x 40 x 3 mm with wide base plate
- Complete with screws and anchors

8 85572 126

Corner posts

- Made of square tube
- 40 x 40 x 3 mm
- Screw-on lugs for 90° connections
- Complete with screws and anchors

85572 127

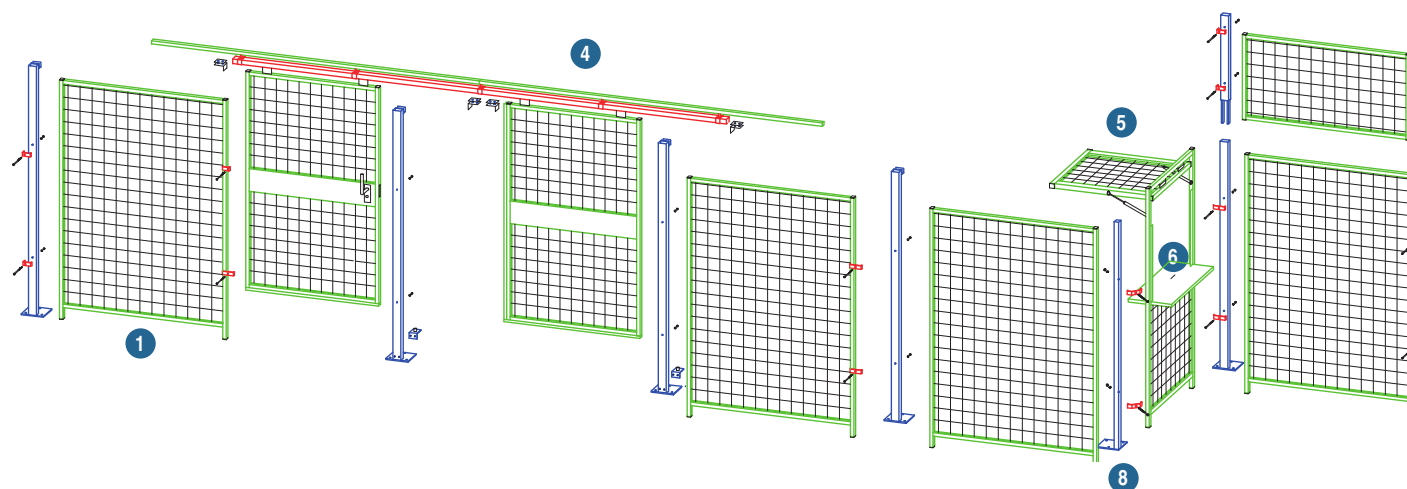
T-posts

- Made of rectangular tube
- 70 x 40 x 3 mm with wide base plate
- For wall outlets (for the construction of boxes, etc.)
- Complete with screws and anchors

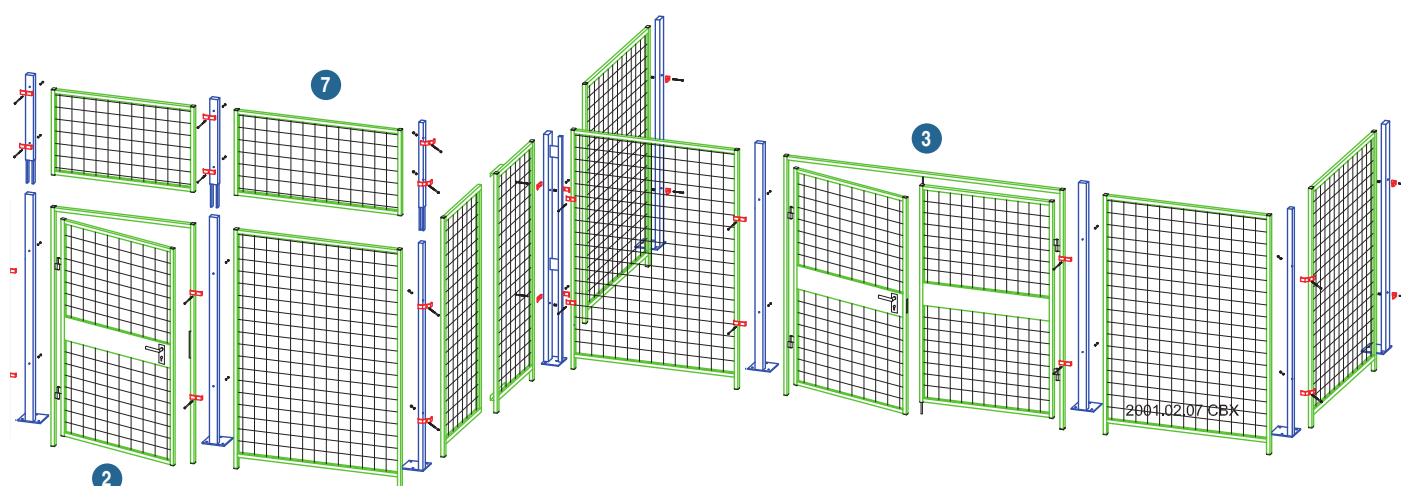
85572 133

Double door conversion kit

- Enables free passage or access e.g. for forklifts
- Eliminates need for upper frame struts



	System dimensions mm	Height mm	Width mm	Weight kg	85572	...
1 Wall element	300	2200	280	9		101
1 Wall element	500	2200	480	11		102
1 Wall element	1000	2200	980	17		103
1 Wall element	1500	2200	1480	23		104
Vario corner element	500 / 500	2200	480 / 480	24		105
Vario element	500 - 950	2200	530 - 930	24		106
2 Single door	1200	2200	1000	35		107
3 Double door	2200	2200	2000	69		108
3 Double door	2200	2550	2000	73		109
4 Sliding door	2000	2200	1800	93		110
4 Sliding door	2000	2550	1800	100		111
5 Output element	1000	2200	980	25		112
6 Table	-	500	880	9		113
7 Mountable element	300	750	280	4		114
7 Mountable element	500	750	480	5		115
7 Mountable element	1000	750	980	8		116
7 Mountable element	1500	750	1480	11		117



	System dimensions mm	Height mm	Width mm	Weight kg	85572	...
7 Mountable element	500 / 500	750	480 / 480	12		118
7 Mountable element	550 - 950	750	530 - 930	12		119
7 Mountable element	1200	750	1180	9		120
7 Mountable element	2200	750	2180	15		121
7 Mountable element	2000	750	1980	15		122
Wall connection profile	-	2000	-	6.5		123
End post	-	2200	-	10		124
Centre post	-	2200	-	10		125
8 Corner post	-	2200	-	10		126
T-post	-	2200	-	12		127
Mountable end post	-	750	-	5		128
Mountable centre post	-	750	-	5		129
Mountable corner post	-	750	-	5		130
Mountable T-post	-	750	-	5		131
Mountable wall connection profile	-	650	-	2		132
Double door conversion kit	-	-	-	5		133
Spacers	-	-	-	0.3		134

85578 - 85579

Panel stand/slot-in frame



85578 + 85579

fetra
....

Transportgeräte

85578

Panel stand

Design

- Welded profile steel and steel tube
- Powder-coated, blue RAL 5007
- Wooden platform
- 7 adjustment options for slot-in frame
- Clear support distance 90 mm
- 4 rubber feet
- Ground anchoring possible
- One six-part roller ramp on face side

Scope of delivery

- 1 x panel stand
- Without slot-in frame

85579

Slot-in frame

Design

- With round ends

Applications

For panel stand length 1600 mm
(art. no. 85578 102).



Panel stand			
Loading area L x W mm	Load kg	85578	...
1600 x 800	1200		102

Slot-in frame			
Height mm	Length mm	85579	...
300	1600		301
600	1600		302
900	1600		303

85600

Cabinet for long parts storage B5

Design

Equipped with:

6 x supports for long parts storage up to max. diameter of 65 mm.

- Supports distributed on 4 levels
- A plate is inserted at the bottom of the cabinet to protect the long material

85600



H x W x D mm	85600	...
1028 x 1022 x 550		101

85617

Drum trolley

Design

- 4 steering rollers Ø 100 mm made of polyamide
- 1 steering roller with locking device

Scope of delivery

- Without drums

Applications

Easy and safe transport of drums up to Ø 600 mm.

Quality

Sheet steel construction.

NEW

85617 102



85617 104



85617 103



Design	L x W x H mm	Internal Ø mm	Load capacity kg	Weight kg	85617	...
painted RAL 5012	655 x 610 x 165	600	300	10		101
painted RAL 5012	650 x 620 x 210	610	300	12		102
painted RAL 5012	700 x 620 x 1005	610	300	19		103
hot-dip galvanised	655 x 610 x 165	600	300	10		104
hot-dip galvanised	650 x 620 x 210	610	300	13		105
hot-dip galvanised	700 x 620 x 1005	610	300	20		106

85612

Canister filling aids

Design

- Zinc-plated
- Prepared for wall mounting

Scope of delivery

- Without canisters
- Without collection tray

Applications

Easy and effortless filling of canisters with contents of between 5 litres and 60 litres.

Quality

Sheet steel construction.

NEW

85612 102



85612 101



85612 103
with collection tray 85611 102



L x W x H mm	Canister sizes Litres	Weight kg	85612	...
360 x 270 x 520	5	5		101
520 x 375 x 785	20 / 25	6		102
520 x 470 x 825	50 / 60	9		103

85611

Steel collection trays

Design

- 100 mm ground clearance
- With zinc-plated grating (load capacity 1000 kg/m²)

Scope of delivery

- Without drums
- Without canisters

Applications

For storing 60 litre drums, can also be combined with small casks.

Quality

3 mm sheet steel construction.

NEW

85611 104



85611 102



Design	For drums Unit/litre	L x W x H mm	Collection volume Litres	Weight kg	85611	...
painted RAL 5012	2 / 60	800 x 500 x 290	61	34		101
painted RAL 5012	4 / 60	900 x 800 x 220	61	46		102
painted RAL 5012	6 / 60	1300 x 800 x 205	74	58		103
hot-dip galvanised	2 / 60	800 x 500 x 290	61	37		104
hot-dip galvanised	4 / 60	900 x 800 x 220	61	49		105
hot-dip galvanised	6 / 60	1300 x 800 x 205	74	62		106

85569

Compact trays

Design

- 3 mm sheet steel construction
- Removable, hot-dip galvanised grating
- Ground clearance of 100 mm for forklift transport

Scope of delivery

- Without drums

Applications

For the storage of water-polluting and flammable liquids.

85569 101-103

Design

- Corrosion protection through primer and paint RAL 5015

85569 201-202

Design

- Corrosion protection by hot-dip galvanising



85569 101



85569 202

For drums Unit/litre	External dimensions W x D x H mm	Load kg	Collection volume Litres	Weight kg	painted		zinc-plated	
					85569	...	85569	...
2 / 200	1250 x 820 x 340	500	210	73		101		201
4 / 200	1325 x 1320 x 250	1000	210	110		102		202
4 / 200	2420 x 820 x 240	1000	210	117		103		

85574

Drum stands

Design

With fixed drum supports for 60 to 200 litre drums, completely hot-dip galvanised. Barrel support tilted forwards for easier emptying. Delivered without drums.

Applications

Can be combined with:

- Compact trays (art. no. 85569)
- Water protection pallets
- Hazardous materials stations
- Safety floor elements
- Drum trolleys

85574 201



85574 202



85574 203



For drums Unit/litre	External dimensions L x W x H mm	85574	...
1 / 200	600 x 650 x 415		201
2 / 200	1230 x 650 x 415		202
3 / 60	1230 x 650 x 415		203

85605

KTC trays

Design

- 3 mm sheet steel construction
- Placement level made of hot-dip galvanised, removable grating
- 100 mm ground clearance for forklift transport
- High corrosion protection through primer and paint RAL 5015 or hot-dip galvanising

Scope of delivery

- Without KTC

Applications

For storing and dispensing hazardous materials in bulk containers.

Note:

PE tray inserts are available for all types for storing acids and alkalis.

Chemical resistance of PE inserts in accordance with resistance list.

85605 101-104

Design

- Without filling stand

85605 201-204

Design

- With filling stand



85605 203

85605 102



Design	For KTC Unit	Dimensions W x D x H mm	Dimensions filling stand W x D x H mm	Load kg/m²	Collection volume Litres	painted		zinc-plated	
						85605	...	85605	...
Without filling stand	1	1300 x 1360 x 790	-	1500	1000		101		102
Without filling stand	2	2680 x 1300 x 480	-	1500	1000		103		104
With filling stand	1	1300 x 1360 x 1070	1300 x 1100 x 320	1500	1000	201	NEW	202	NEW
With filling stand	2	2620 x 1400 x 745	2x 1300 x 1100 x 320	1500	1000	203	NEW	204	NEW

85606

PE trays for 60 litre drums

Design

Rotation-formed tray body made of PE HD black. Wraparound stabilisation ribbing. Ground clearance for internal transport. Delivered without drums.

Applications

For the storage of aggressive media.

85606 101

Design

No placement level.

85606 201

Design

With placement level made of zinc-plated grating.

85606 301

Design

With placement level made of PE grating.



Design	For drums Unit/litre	External dimensions W x D x H mm	Collection volume Litres	85606	...
without grating	2 / 60	805 x 640 x 335	60		101
zinc-plated grating	2 / 60	805 x 640 x 335	60		201
PE grating	2 / 60	805 x 640 x 335	60		301

85607

PE trays for 200 litre drums

Design

- Rotation-formed tray body made of PE
- Wraparound stabilisation ribbing
- Ground clearance for internal transport
- Delivered without drums

Applications

For storing water-polluting and aggressive media.

85607 103+105

Design

With placement level made of zinc-plated grating. Trays made of PE black.

85607 204+206

Blue Line series

Design

With placement level using PE pallets. Trays made of PE blue.



Design	For drums Unit/litre	External dimensions W x D x H mm	Collection volume Litres	Load max. kg	85607	...
zinc-plated grating	2 / 200	1265 x 705 x 540	220	500		103
zinc-plated grating	4 / 200	1235 x 1235 x 475	450	1000		105
PE pallet	2 / 200	1250 x 850 x 380	220	500		204
PE pallet	4 / 200	1250 x 1250 x 580	450	1000		206

85609 - 85610

PE trays for KTC/IBC

85609

Design

- Rotation-formed tray body made of PE
- No welding seams
- Wraparound stabilisation ribbing ensures high load values
- Ground clearance for internal transport
- Delivery without KTC/IBC.

Applications

For the storage of aggressive media.

85609 101+105

Design

With placement level made of zinc-plated grating.

85609 202+206

Design

With placement level made of PE grating.

85610 101

PE filling stand

Applications

For optimal, raised storage during filling processes. Suitable for design with zinc-plated grating, art. no. 85609 101 and 105.

85610 102

PE filling container

Applications

For collecting drip losses. Suitable for design with PE grating, art. no. 85609 202 and 206.

85609 202 + 85610 102



85609 105 + 85610 101



Design	For KTC/IBC Unit	External dimensions W x D x H mm	Collection volume Litres	85609	...	85610	...
Zinc-plated grating	1	1290 x 1290 x 900	1000		101		
Zinc-plated grating	2	2490 x 1290 x 480	1000		105		
PE grating	1	1250 x 1250 x 1130	1000		202		
PE grating	2	2500 x 1300 x 580	1000		206		
PE filling stand	1	1210 x 1200 x 400	-				101
PE filling container	-	-	-				102

Hazardous materials shelves

85614

Hazardous materials shelves for small containers



Design

- All shelf parts, tray shelves and grating are zinc-plated
- Collection trays in accordance with WHG (German Water Resources Act), **test mark in accordance with StawaR (German Steel Tank Guideline)**
- Storage levels height adjustable in increments of 25 mm
- Load capacity of each storage level 200 kg with evenly distributed load
- Bay load max. 1200 kg
- Stable construction thanks to reinforcement cross beams
- Delivered disassembled for easy self-assembly

Advantage

2 shelf widths (1000 and 1300 mm) can be combined, enabling optimal use of the available storage space.

Applications

For the storage of flammable liquids.

Can be expanded as desired thanks to the basic and add-on bay design.

85614 401-502

Design

- 1 x zinc-plated collection tray in the lowest storage level
- 3 x zinc-plated grating levels

85614 101-202

Design

- 1 x zinc-plated collection tray in the lowest storage level
- 4 x zinc-plated grating levels

85614 301

Grating storage level

Applications

Additional grating level for basic and add-on bay width 1000 mm.

85614 302

Grating storage level

Applications

Additional grating level for basic and add-on bay width 1300 mm.



85614

Basic bay: external dimensions W x D x H mm	Add-on bay: external dimensions W x D x H mm	Storage levels Number	Bay load max. kg	Collection volume Litres	Basic bay		Add-on bay	
					85614	...	85614	...
1060 x 635 x 2000	1010 x 635 x 2000	4	1200	1 x 30		401 NEW		402 NEW
1060 x 635 x 2000	1010 x 635 x 2000	5	1200	1 x 30		101		201
1360 x 635 x 2000	1310 x 635 x 2000	4	1200	1 x 35		501 NEW		502 NEW
1360 x 635 x 2000	1310 x 635 x 2000	5	1200	1 x 35		102 NEW		202 NEW

For shelf width mm		85614	...
Additional grating storage level		1000	301
Additional grating storage level		1300	302 NEW

Info

Safety warehouses



The safety warehouse is a proven, cost-effective, mobile outdoor warehouse for hazardous materials.

It is suitable for storing all common hazardous materials in the industry. It complies with the relevant requirements and standards. All containers have a DIBt certificate to enable simplified approval procedures.

Thanks to the modular structure, 12 sizes are available from 2 qm to 30 qm. This means the system can be optimally adapted to the specific requirements of the operator. When equipped with shelf parts, the safety warehouse is excellently suited as a walk-in small container/manual storage.

- Collection tray made from 3 mm sheet steel, hot-dip galvanised
- Load 1000 kg/qm – higher loads on request
- Clearance height 60 mm
- Constructed using specially profiled, zinc-plated sheet steel
- Double leaf, zinc-plated steel door with ventilation slots (depending on design, 1750/1950 mm wide), can be closed using cylinder lock
- Crane eyelets fitted as standard
- Wraparound spill guards
- Earthing connection
- Suitable for indoor and outdoor set-up



Suitable for

- Storage of water-polluting substances
- Passive storage of flammable liquids – with natural ventilation
- Active storage of flammable liquids – with technical ventilation (exhaust fan)
- Temperature-controlled storage – frost-free – using heating and frost monitor



SLH 1 x 2, painted RAL 5015, incl. shelf with 3 storage levels



SLH with natural ventilation and loading ramp for drum truck

**Design****Pallet shelves:**

- Quality mark RAL-RG 614/2 pallet shelves
- Racks consist of cold-formed profiles, screwed to the bracing on site
- Height-adjustable storage levels in increments of 50 mm
- Zinc-plated support frame
- Longitudinal plastic-coated RAL 2001 Red orange
- Shelf load: 3510 kg
- Max. bay load 7520 kg

Shelf floor tray:

- Collection tray made of 3 mm sheet steel
- Collection tray according to WHG (German Water Resources Act), **test mark according to StawaR (German Steel Tank Guideline)**
- Corrosion protection by hot-dip galvanising
- Ground clearance of 100 mm

Applications

For the storage of hazardous materials in barrels on Euro pallets or chemicals pallets.
The combination of pallet shelves with quality seals and shelf trays in accordance with the Water Resources Act gives you a flexible, cost-effective storage system that can be expanded at any time.

NEW

85616 102



	Shelf W x D x H mm	Clear bay width mm	Storage levels	Drums Unit/Litre on Euro pallet	Drums Unit/Litre on chemicals pallet	Collection tray W x D x H mm	Collection volume in litres	85616	...
Basic bay	2870 x 1100 x 2700	2700	2	12 / 200	16 / 200	2680 x 1300 x 285	360		102
Add-on bay	2870 x 1100 x 2700	2700	2	12 / 200	16 / 200	2680 x 1300 x 285	360		202
Basic bay	2870 x 1100 x 3800	2700	3	18/200	24/200	2680 x 1300 x 357	660		302
Add-on bay	2870 x 1100 x 3800	2700	3	18/200	24/200	2680 x 1300 x 357	660		402

**Design****Pallet shelves:**

- Quality mark RAL-RG 614/2 pallet shelves
- Racks consist of cold-formed profiles, screwed to the bracing on site
- Height-adjustable storage levels in increments of 50 mm
- Zinc-plated support frame
- Longitudinal plastic-coated RAL 2001 Red orange

Shelf floor tray:

- Collection tray made of 3 mm sheet steel
- Collection tray according to WHG (German Water Resources Act), **test mark according to StawaR (German Steel Tank Guideline)**
- Corrosion protection by hot-dip galvanising
- Ground clearance of 100 mm

Applications

For storing KTC/IBC or large containers.

85616 501-502**Design**

- 2 storage levels

85616 601-602**Design**

- 3 storage levels
- Collection tray with grating storage space for use as a first storage level

NEW

85616 601



Factory equipment

	Shelf W x D x H mm	Light bay Width mm	Storage Levels	Capacity KTC / IBC	Shelf load kg	Bay load max. kg	Collection tray W x D x H mm	Collection Volume in litres	85616	...
Basic bay	2870 x 1100 x 3300	2700	2	4	3510	7520	2680 x 1300 x 480	1000		501
Add-on bay	2870 x 1100 x 3300	2700	2	4	3510	7520	2680 x 1300 x 480	1000		502
Basic bay	2870 x 1100 x 4900	2700	3	6	3490	7020	2680 x 1300 x 485	1000		601
Add-on bay	2870 x 1100 x 4900	2700	3	6	3490	7020	2680 x 1300 x 485	1000		602

85575 - 85576

Safety/hazardous materials cabinets in accordance with EN 14470-1 (Type 90)

Design

Overall construction tested and approved by a recognised material testing institute in accordance with EN 14470-1 (Type 90) with a fire resistance of longer than 90 minutes. GS-approved safety. Insulation in line with DIN 4102. Outer body sheet steel, powder-coated in RAL 7035, Light grey. Inner body made of HPL-coated plates RAL 7035, Light grey. Floor connection rail made of stainless steel, Niro Raute Shelves height-adjustable in increments of 64 mm. In the event of a fire, self-closure via thermal mechanics:

- Doors upon temperature increase higher than or equal to 50°C and
- Supply and exhaust air ducts upon temperature increase to 70°C (+/- 10°C).

Ventilation connection through pipe supports DN 80. Operation in accordance with TRGS 510 (Technical Rule for Hazardous Substances, also approved without exhaust air). Earthing connection meets TRBS 2153 (Technical Regulations for Safety in the Workplace on avoiding ignition sources). Marking in accordance with EN 14470-1/TRGS 510/ISO 3864/ASR 1.3.

Including interior decoration:

Sheet steel, powder-coated, RAL 7035 Light grey, 1 x shelf tray (collection volume 33 litres), 1 x perforated sheet cover as first shelf level, 3 x shelves.

Applications

Approved for the storage of flammable liquids at the workspace in accordance with EN 14470-1 (Type 90) and TRbF 20-L (Technical Rules Concerning Flammable Liquids).

Note:

Exhaust fan see art. no. 85577 101.

85576 101



85575 101



External dimensions W x D x H mm	Paint Doors	85575	...	85576	...
595 x 598 x 1935	RAL 1007 Daffodil yellow		101		
595 x 598 x 1935	RAL 7035 Light grey		102		
1190 x 598 x 1935	RAL 1007 Daffodil yellow			101	
1190 x 598 x 1935	RAL 7035 Light grey			102	

85618

Safety/hazardous materials cabinet in accordance with EN 14470-1 (Type 90)

85618 101

Safety/hazardous materials cabinet

Design

- Overall construction tested and approved by a recognised material testing institute in accordance with DIN EN 14470-1 (Type 90) with a fire resistance of > 90 minutes
- Insulation in line with DIN 4102
- External body made of sheet steel, powder-coated, RAL 7035, Light grey
- 2 hinged doors RAL 1007 Daffodil yellow
- Internal body made of HPL-coated plates, RAL 7035, Light grey
- Floor connection rail made of stainless steel, Niro Raute
- All shelf installations are zinc-plated
- Load capacity of grating levels 200 kg with evenly distributed load
- Shelves height adjustable at intervals of 25 mm
- In the event of a fire, automatic self-closure via thermal mechanics: doors upon temperature increase to ≤ 50°C and feed and exhaust ducts upon temperature increase to 70°C (+/- 10°C)
- Ventilation connection through pipe supports DN 80
- Operation in accordance with TRGS 510 (Technical Rule for Hazardous Substances, also approved without exhaust air)
- Earthing connection in accordance with TRBS 2153 (Technical Regulations for Safety in the Workplace on avoidance of ignition sources)
- Earthing terminal included as standard
- Marking in accordance with DIN EN 14470-1/TRGS 510/ISO 3864/ASR 1.3
- Doors close via cylinder lock

- Clear door opening dimensions, width 1310 mm
- Emergency release inside
- Door hold-open device

Including interior decoration:

- Lowest storage level 1 x shelf collection tray made of 3 mm sheet steel, zinc-plated, in accordance with WHG (German Water Resources Act), test mark in accordance with StawaR (Steel Tank Guideline)
- Storage levels 4 x grating floor

Applications

For the storage of flammable liquids in small containers in the building.

Note:

Mountable adapter for hazardous materials filter attachment (art. no. 85577 201) included. Exhaust fan see art. no. 85577 101.

85618 102

Grating storage level

Applications

Additional grating level for safety/hazardous materials cabinet art. no. 85618 101.

85618 103

Under-run base

Design

- Tested in fire chamber

Applications

For safety/hazardous materials cabinet art. no. 85618 101.

NEW

85618 101



Emergency unlocking

	External dimensions W x D x H mm	Internal dimensions W x D x H mm	Floor tray Collection volume in litres	Weight kg	85618	...
Safety/hazardous materials cabinet	1550 x 1025 x 2200	1450 x 870 x 1955	80	1000		101
Grating shelf level	-	-	-	-		102
Under-run base	1550 x 1025 x 113	-	-	-		103

Design

- Plug-in-ready ventilation attachment 230 V (Schuko plug) without EX protection approval
- Complete including assembly plate for easy assembly on the top of the cabinet

Applications

For the safe extraction of vapours at risk of explosion and that present a danger to health.

85577 101

storeLAB



	85577	...
Exhaust fan		101

85577 201

Hazardous materials filter attachment**Design**

- Permanent filtration of exhaust air
- Warning in case of heavy contamination (dust, etc.) or filter saturation through hydrocarbons
- Through tandem filter technology, further operation of approx. 14 days is possible even after main filter is saturated
- Subsequent replacement of filter necessary to guarantee continued orderly operation
- Sheet steel housing, powder-coated, RAL 7035, Light grey
- Connection with Schuko plug

Advantage

- No need for complex and expensive exhaust air guide to outdoors

Applications

Suitable for the operation of safety/hazardous materials cabinets in accordance with DIN EN 14470-1 in air recirculation mode:

- Art. no. 85575 101-102
- Art. no. 85576 101-102
- Art. no. 85618 101

85577 202

Attachment adapter**Applications**

Required in connection with the safety/hazardous materials cabinets:

- Art. no. 85575 101-102
- Art. no. 85576 101-102

NEW

85577 201

**Technical data:**

External dimensions W x D x H	mm	310 x 510 x 210
Motor power	kW	0.03
Rated voltage	V	230
Frequency	Hz	50
Power consumption	A	0.2
Noise level	dB (A)	< 42
Empty weight (without filter)	kg	10
Weight of active carbon filter	kg	3
Volume flow (on the cabinet)	m³/h	25

	85577	...
Hazardous materials filter attachment		201
Mountable adapter		202



Möbel für Menschen

Design

- Durable steel construction
- Excellent operational safety, wear resistance and attractive appearance through Ergo Lock handle lock (three-pin lock) in black with 2 keys
- Collection trays tested in accordance with Section 19 WHG (Water Resources Act)
- Zinc-plated trays, load 80 kg
- Central door reinforcement for high door stability
- Doors top and bottom each with 1 perforated rosette for ventilation

Applications

Safe storage of small casks with water-polluting materials (no acids or alkalis). Protection against high follow-up costs for little money. Stipulated by law in many areas (e.g. for agricultural companies).



Ergo Lock recessed handle lock, wear resistant and user friendly



Zinc-plated trays: Load: 80 kg

85601 201

85601 202



Factory equipment

Height: 1950 mm					
External dimensions H x W x D mm	Internal dimensions H x W x D mm	Colour RAL	Number of trays	Collection volume/ tray in litres	85601 ...
1950 x 500 x 500	1840 x 498 x 453	7035	4	10	101
1950 x 500 x 500	1840 x 498 x 453	7035/5012	4	10	201
1950 x 930 x 500	1840 x 928 x 453	7035	4	20	102
1950 x 930 x 500	1840 x 928 x 453	7035/5012	4	20	202

Height: 1000 mm					
External dimensions H x W x D mm	Internal dimensions H x W x D mm	Colour RAL	Number of trays	Collection volume/ tray in litres	85602 ...
1000 x 500 x 500	855 x 498 x 453	7035	2	10	101
1000 x 500 x 500	855 x 498 x 453	7035/5012	2	10	201
1000 x 930 x 500	855 x 928 x 453	7035	2	20	102
1000 x 930 x 500	855 x 928 x 453	7035/5012	2	20	202

85602 201

85602 202



Chip containers

85581

Chip containers

fetra

Transportgeräte

Design

- Tilting recess made of 2 mm thick sheet steel
- Upper edge overturned twice
- Chute edge folded double
- Welded oil-tight
- Drain valve with filter for separating liquids and solids
- Base made of 3 mm strong edge profiles with integrated forklift pockets
- Treadplate and anti-tilt function
- Tubular push handle
- Powder coating
- **TOTALSTOP – Central braking system as standard** on the steering rollers, in accordance with European standard EN 1757-3 (safety of platform trolleys)

Applications

Mobile and for forklift operation.

Note:

Tilting is triggered manually.

We recommend a tilting container or self-tipper when unloading with the forklift or for heavy loading.

85581 101-103 + 105-107

Wheels:

- 2 steering rollers and 2 fixed castors
- TPE wheels 200 x 40 mm
- Hubs with deep groove ball bearings

85581 104 + 108

Wheels:

- 2 steering rollers and 2 fixed castors
- Elasticated solid rubber wheels 200 x 50 mm
- Blue grey, non-marking
- Hub with ball bearing



85581 101



85581 102-104



85581 105



85581 106-108



Drain valve and TOTALSTOP central braking system as standard



Example application:
Dumper as chip container

Content Litres	Load kg	Box dimensions L x W x H mm	External dimensions L x W x H mm	Chute edge height (with rollers) mm	Wheels mm	Tare weight kg	RAL 5007		RAL 7016	
							85581	...	85581	...
250	750	1200 x 652 x 413	1359 x 713 x 780	780	TPE 200 x 40	71			101	105
450	750	1214 x 669 x 708	1374 x 730 x 1072	733	TPE 200 x 40	84			102	106
600	750	1321 x 794 x 735	1458 x 855 x 1099	843	TPE 200 x 40	96			103	107
800	800	1321 x 1044 x 735	1458 x 1105 x 1099	843	Elastic 200 x 50	120			104	108

85594

Chip containers

Design

- **For chip collection, with ground-level emptying option**
- Screen plate and drain valve, 1 inch for separating liquids from solids
- Oil- and watertight
- Anti-tilt securing device
- Sliding handle
- With fork pockets and safety devices
- 2 wheels and 1 steering roller made of solid rubber Ø 250 mm
- Steering roller with locking device

Standard colour:

Surface painted in RAL 5012 Light blue or RAL 7021 Black grey.

Other paint colours available without surcharge in RAL 2000 Yellow orange, RAL 3000 Flame red, RAL 6011 Reseda green and RAL 7005 Mouse grey (not held in stock).

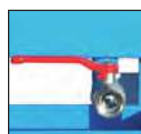


85594 101-102

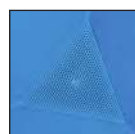
NEW



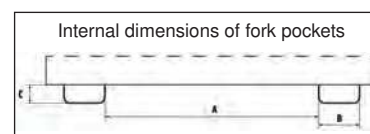
85594 103-104



1 inch drain valve



Screen plate



Internal dimensions of fork pockets

Content approx. l	Load capacity kg	L x W x H mm	Chute edge height mm	A mm	B mm	C mm	Weight kg	RAL 5012		RAL 7021	
								85594	...	85594	...
250	300	1115 x 820 x 990	680	465	170	55	77			101	103
400	300	1320 x 900 x 1090	740	465	170	55	93			102	104

85581

Chip container (box-shaped)

Design

- Especially suitable with low chip ejection due to low installation height
- Screen plate and drain valve, 1 inch for separating liquids from solids
- Tiltable mounted trough with handle
- Base frame with fork pockets
- Oil resistant and watertight
- Protection against accidental slipping and tipping

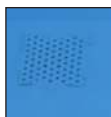
Standard colour:

Surface painted in RAL 5012 Light blue. Other paint colours available without surcharge in RAL 2000 Yellow orange, RAL 3000 Flame red, RAL 6011 Reseda green and RAL 7005 Mouse grey (not held in stock).

85581 306

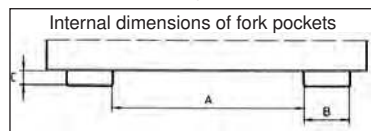
Accessories

- 2 steering rollers and fixed castors made of solid rubber Ø 200 x 50 mm
- Including 1 steering roller with locking device (installation height 235 mm)



Drain valve

Screen plate



85581 301-305



Figure with rollers (accessories)

Content approx. l	Load capacity kg	L x W x H mm	Chute edge height mm	A mm	B mm	C mm	Weight kg	Dumper body		Rollers	
								85581	...	85581	...
250	300	1115 x 590 x 740	430	205	170	55	61			301	306
400	300	1320 x 670 x 840	485	285	170	55	75			302	306
600	300	1390 x 840 x 905	520	455	170	55	116			303	306
800	300	1420 x 910 x 975	560	525	170	55	127			304	306
1000	300	1420 x 1110 x 975	560	725	170	55	140			305	306

85582

Chip container (low)

Design

- Especially suitable with low chip ejection due to low installation height
- Screen plate and drain valve, 1 inch for separating liquids from solids
- Tiltable mounted trough with handle
- Base frame with fork pockets
- Oil resistant and watertight
- Protection against accidental slipping and tipping

Standard colour:

Surface painted in RAL 5012 Light blue. Other paint colours available without surcharge in RAL 2000 Yellow orange, RAL 3000 Flame red, RAL 6011 Reseda green and RAL 7005 Mouse grey (not held in stock).

85581 306

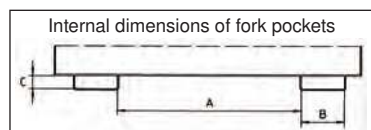
Accessories

- 2 steering rollers and fixed castors made of solid rubber Ø 200 x 50 mm
- Including 1 steering roller with locking device (installation height 235 mm)



Drain valve

Screen plate



85582



Content approx. l	Load capacity kg	L x W x H mm	Chute edge height mm	A mm	B mm	C mm	Weight kg	Dumper body		Rollers	
								85582	...	85581	...
250	300	1375 x 670 x 530	530	285	170	55	64			101	306
400	300	1430 x 840 x 605	605	455	170	55	77			102	306

85591

Chip container (tipping from the seat of a forklift)

Design

- Especially for collecting and separating liquids from solids

- Can be tilted at any height using a wire rope hoist from the forklift seat
- 1 inch drain valve for draining off liquids
- Sheet metal tray with surrounding edge profile
- Sturdy base frame with fork pockets
- Oil- and watertight
- Protection against accidental slipping and tipping

Standard colour:

Surface painted in RAL 5012 Light blue.
Other paint colours available without surcharge in RAL 2000 Yellow orange, RAL 3000 Flame red, RAL 6011 Reseda green and RAL 7005 Mouse grey (not held in stock).

85591 099-100

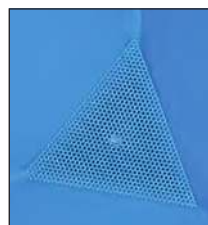
Design

- Screen plate in tray corner area

85591 101-105

Design

- Continuous perforated metal plate 100 mm above the tray shelf, hole Ø 3 mm, division 6 mm



85591 099-100
Screen plate



85591 101-105
Perforated metal plate

85591 200

Roller set

Design

- 2 steering and fixed castors made of polyamide Ø 100 mm
- 1 steering roller with locking device
- Installation height 125 mm
- Max. load capacity 1050 kg

Applications

For chip container art. no. 85591 099–100.

85591 201

Roller set

Design

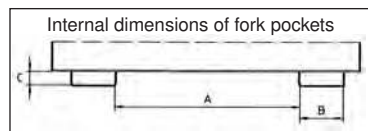
- 2 steering and fixed castors made of polyamide Ø 180 mm
- 1 steering roller with locking device
- Installation height 225 mm
- Max. load capacity 1350 kg

Applications

For chip container art. no. 85591 101–105.



Drain valve



85591 099-100



85591 101-105

Figure with rollers
(accessories)

Chip container		Roller set	
85591	...	85591	...
	099 NEW	200 NEW	
	100 NEW	200 NEW	
	101	201	
	102	201	
	103	201	
	104	201	
	105	201	

Content approx. m³	Load capacity kg	L x W x H mm	A mm	B mm	C mm	Weight kg
0.23	750	1385 x 680 x 450	10	200	60	85
0.27	1000	1385 x 780 x 450	150	200	60	97
0.30	750	1440 x 680 x 580	10	200	60	112
0.50	1000	1440 x 780 x 680	150	200	60	130
0.75	1000	1440 x 1280 x 680	495	200	60	169
1.00	1500	1640 x 1280 x 780	495	200	60	220
1.50	1500	1640 x 1280 x 1090	495	200	60	250

85589

Collection container, self-extinguishing

Design

- Material: Quality thin sheet, zinc-plated
- Surface: structured powder coating, impact- and scratch-resistant
- Slot: self-closing, gas-pressure-damped self-closing lid, silent closing
- Indoor use: zinc-plated sheet steel
- Emptying: through folding out the inside container
- Door locking: square, key included in delivery
- Level control: front area with 2 adjustable feet
- Body colour: RAL 7035 Light grey

Safety:

- TÜV-inspected production
- Self-extinguishing in accordance with test programme M0307
- Container non-combustible in accordance with DIN 4102 or DIN EN 13501-1
- 5-year manufacturer's guarantee
- Made in Germany

Applications

Container system for wall mounting. The containers can be placed on the floor or hung on the wall. They must be secured to the wall in all cases. Thanks to the low container depth and the tested self-extinguishing properties, the systems may even be used in potential escape routes.



Each container comes with a set of self-adhesive ProPads® in the following colours:

- Pigeon blue RAL 5014
- Sand yellow RAL 1002
- Anthracite grey RAL 7016

Decide for yourself which marking colour the collector should have.



85589 201



85589 202

Design	Filling volume approx. litres	Dimensions H x W x D mm	85589	...
Single container	45	1000 x 400 x 300		201
3-way station	3 x 45	1125 x 1210 x 310		202

85584

Collection bins

Design

- Zinc-plated inside container, liquid-tight in floor area

- Self-closing lid, fire-retardant and prevents odours
- Upper part is detachable
- Powder coating

85584

Container dimensions H x W x D mm	Filling volume Litres	Container colour	85584	...
960 x 400 x 380	65	RAL 3000 Flame red		101
960 x 400 x 380	65	RAL 7035 Light grey		102
960 x 400 x 380	65	RAL 6024 Traffic green		103
960 x 400 x 380	65	RAL 5010 Gentian blue		104
960 x 400 x 380	65	RAL 1003 Signal yellow		105



Without sticker. Sticker see art. no. 85586.

85583

Running gear for four collection containers

Design

- Base made of solid, hot-dip galvanised, grey-coated frame
- With 2 fixed and 2 steering rollers
- The steering rollers can be locked
- Delivery without collection container

Note:

Collection container see art. no. 85584 101-105.

85583

	85583	...
Running gear		201



85585

Recyclable materials collector

Design

- Quality sheet steel
- Removable head part
- Self-closing lid

- The extra long head part holds the refuse bag and simultaneously covers up unsightly bag edges
- Safety: TÜV/GS-tested, fire-retardant and eliminates odours
- 5-year warranty

85585

Container dimensions H x W x D mm	Filling volume Litres	Container colour	85585	...
640 x 320 x 310	45	RAL 3000 Flame red		101
640 x 320 x 310	45	RAL 7035 Light grey		102
640 x 320 x 310	45	RAL 6024 Traffic green		103
640 x 320 x 310	45	RAL 5010 Gentian blue		104
640 x 320 x 310	45	RAL 1003 Signal yellow		105



85586

Sticker for collection container and recyclable materials collector

Design

- Self-adhesive plastic, waterproof
- Print black/white

85586 201-206

Pictogram stickers

- Dimensions: 160 x 160 mm

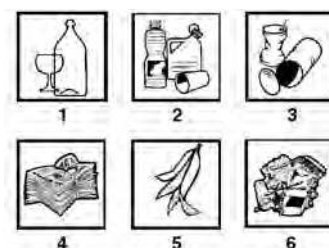
85586 301-306

Stickers with lettering

- Dimensions: 300 x 70 mm

Stickers	Pictograms		Lettering	
	85586	...	85586	...
1 Glass		201		301
2 Plastic		202		302
3 Metal		203		303
4 Paper		204		304
5 Organic waste		205		305
6 Residual waste		206		306

85586 201-206



85580

Sorting systems

Design

- Material: Quality thin sheet, zinc-plated
- Surface: structured powder coating, impact- and scratch-resistant
- Insert: self-closing, coloured pendulum flap
- Indoor uses: zinc-plated sheet steel
- Emptying: through hinged doors (inside container with 2 drop handles for easy emptying if no refuse bag is used)
- Handle: semi-circular, made of stainless steel
- Door locking: square, key included in delivery
- All collection stations come with a pictogram set (5 units, transparent, white print, Ø 70 mm) with the symbols for paper, yellow-bag waste, residual waste, glass and organic waste
- Body colour: RAL 7035 Light grey
- Colour of self-closing lids: RAL 1003 Signal yellow, RAL 3000 Flame red, RAL 5010 Gentian blue or RAL 7016 Anthracite grey

Safety:

- Fire-retardant
- TÜV-inspected production
- Container non-combustible in accordance with DIN 4102 or DIN EN 13501-1
- 5-year manufacturer's guarantee
- Made in Germany



85580 101



85580 102



85580 103

Volume Litres	Self-closing lid Colour	Dimensions H x W x D mm	85580	...
2 x 45	grey/blue	975 x 620 x 320		101
3 x 45	grey/yellow/blue	975 x 860 x 320		102
4 x 45	grey/red/yellow/blue	975 x 1100 x 320		103

85587

Waste containers

Design

- Zinc-plated sheet steel
- Fold-up carry handles on 2 sides
- Self-closing lids on 2 opposite sides
- Powder coating: Coarse white aluminium structure

Applications

For use in industrial areas as a waste container and cotton waste box.

85587 201

Design

- Upper part is detachable
- Additional insert made of zinc-plated sheet steel

85587 202

Design

- With pull-out insert on front
- Insert with additional handle



85587 201



85587 202

Volume approx. litres	H x W x D mm	85587	...
95	660/870 x 450 x 450		201
79	660/870 x 450 x 450		202

85850 - 85851

Waste collectors and refuse bags

85850



Transportgeräte

Waste collector

Design

- Tubular steel construction
- Powder-coated, light grey RAL 7035
- 4 standing feet
- PVC cover
- Clamping ring

Scope of delivery

- 1 x waste collector
- Without refuse bag

Applications

For 120-litre bags.

85851

Plastic refuse bags

Design

- Made of polyethylene



85850



85851 101-102

H x W x D mm	Opening Ø mm	Tare weight kg	Colour	Contents Litres	Pack = Unit	Collector 85850	...	Bags 85851	...
960 x 500 x 500	340	5	RAL 7035	-	-		101		
1100 x 700 x 0.038	-	-	Blue	120	250				101
1100 x 700 x 0.038	-	-	Red	120	250				102
1100 x 700 x 0.100	-	-	Blue	120	200				103

ATORN®**Design**

- Double-sided access
- Folding
- Extra-large standing platform for safe and comfortable working
- Central platform with small gap for carrying without crushing fingers
- Ribbed steps and standing platform
- Wide and deep aluminium steps
- Steps and struts are made from aluminium extruded sections and have a torsion-resistant connection
- Non-slip plastic feet for secure standing

Applications

Can be accessed up to the platform.

Note:

Can be used as a working platform together with telescopic plank art. no. 85853 104–105.

No other measures required as standing height is less than 1 m.

NEW

85879 101



Art. no.		85879 100	85879 101	85879 102	85879 103
Steps incl. platform	Number	2 x 2	2 x 3	2 x 4	2 x 5
Platform dimensions	cm	61 x 39	61 x 39	61 x 39	61 x 39
Working height	m	1.87	2.06	2.24	2.43
Reach height	m	2.37	2.56	2.74	2.93
Length	m	0.52	0.71	0.91	1.11
Width at bottom	m	0.65	0.67	0.69	0.71
Width at top	m	0.61	0.61	0.61	0.61
Step length	m	0.71	0.88	1.04	1.20
Transport dimensions	m	0.52 x 0.65 x 0.35	0.71 x 0.67 x 0.36	0.91 x 0.69 x 0.37	1.11 x 0.71 x 0.38
Load	kg	150	150	150	150
Weight	kg	7.2	9.2	11.3	13.3

Steps incl. platform	Standing height	85879	...
Number	m		
2 x 2	0.37	100	
2 x 3	0.56	101	

Steps incl. platform	Standing height	85879	...
Number	m		
2 x 4	0.74	102	
2 x 5	0.93	103	

85864

Working platform Seventec BP - DIN EN 14183



ZARGES

Design

- Double-sided access
- 85 mm deep steps with anti-slip ribbing
- Extra-wide steps

- Maximum stability thanks to platform with integrated hinge connection
- Optimum stability thanks to rigid connections on both sides
- Maximum total load 150 kg
- 10-year ZARGES warranty



85864



Ladder length	Platform height	Number of	External width at bottom	Weight	85864	...
m	m	steps	m	approx. kg		
0.86	0.74	2 x 3	0.75	7.9	102	

85868

Aluminium safety stairs



EN14183

85868 102

Design

- Extra-wide steps (36x23 cm) without sharp corners or sharp edges
- Non-slip with black plastic coverings
- Stability and protection of floor covering through ribbed plastic feet with large surface

Note:

Available with aluminium quintet steps on request.

85868 101

Design

2 rungs with plastic covering (compact design)

85868 102

Design

- 2 rungs with plastic covering and safety bracket
- **Folding safety bracket provides stable holding device**, with plenty of storage space and lateral bucket hooks



85868 101



Standing height	Working height	Transport dimensions	Load up to	Weight	85868	...
m	approx. m	cm	kg	kg		
0.46	2.45	54.5 x 48.5 x 8	150	4.7	101	
0.46	2.45	81.0 x 53.5 x 12	150	6.2	102	

85866

Safety stairs Plazastep P - DIN EN 14183, folding



ZARGES

Design

- Especially compact dimensions when folded up, making it easy to store and transport
- Stable steps 205 x 360 mm made of light metal for secure and comfortable use with ribbed aluminium surface
- Stable footing thanks to spreader safety device and non-slip ladder caps
- Maximum total load 150 kg
- 10-year ZARGES warranty

85866 201-202

Design

- Without bracket

85866 301-302

Design

- With safety bar
- Collection plate for small parts and tools
- Rollers on support part.

85866



Design	Working height max. approx. m	Platform height m	lower, external width/ascent mm	Number of steps incl. platform	Weight kg	85866	...
without bracket	2.45	0.44	0.55	2	4.7		201
without bracket	2.65	0.66	0.57	3	7.0		202
with bracket	2.65	0.66	0.57	3	8.5		301
with bracket	2.90	0.88	0.59	4	10.5		302

85853

Professional aluminium telescopic ladders, 4 parts

ATORN®

Design

- Length-adjustable leaning ladder
- Height-adjustable step ladder
- Step ladder adjustable on one side for stair area

- Double-sided access
- Folding
- Automatically engaging wire hinges provide maximum protection against spreading (4 x 6 ladder with plate joint)
- Handy plastic grid grips with continuous steel core and aluminium inserts
- Plastic end caps with integrated soft rubber base for maximum slip resistance

Advantage

- Safe footing even with wet or dirty shoes
- Special plastic feet with rubber base to ensure extremely secure ladder footing on a range of surfaces
- Retractable to provide a space-saving and compact solution for transportation and storage

Note:

Available as accessories:

- Telescopic plank 3 m art. no. 85853 104
- Telescopic plank 4 m art. no. 85853 105
- Telescopic ladder stabiliser set art. no. 85853 106
- Base extension art. no. 85853 107

NEW

The width at the base of this ladder does not correspond to the current version of standard DIN EN 131-1.

A final definition of the required width at the base of the ladder is expected at the end of 2019 (draft DIN EN 131-4).



85853 100



Automatically locking wire bracket joints



Guide handles with steel core



Ladder end caps with soft rubber soles

Rungs Number	Leaning ladder Working height m	Step ladder Working height m	Leaning ladder Length m	Load kg	Weight kg	85853	...
4 x 3	3.43	2.33	3.1	150	10		100
4 x 4	4.53	2.86	4.2	150	14		101
4 x 5	5.63	3.39	5.3	150	17		102
4 x 6	6.73	3.92	6.4	150	19		103

Continued

85853

Telescopic planks and stabiliser set for telescopic ladders

ATORN®

85853 104-105

Telescopic plank

Design

- Extremely sturdy telescopic plank
- Continuous extension, allows space-saving transport
- Non-slip tread profile (both sides)
- Tested anti-slip protection thanks to round-nosed profiles at both ends of the plank

Applications

For creating a lightweight, length-adjustable auxiliary scaffold or a flexible working platform together with telescopic ladders (art no. 85853 100–103).

Note:

The creation of a working scaffold is permitted only in conjunction with the stabiliser set (art. no. 85853 106).
Maximum standing height as assembly aid: 1 metre.

85853 106

Stabiliser set

Applications

For creating a working platform together with telescopic ladders (art. no. 85853 100–103).
When using the ladder as a working platform, the two sliding sections of the telescopic ladder must be connected to form a safe, rigid stepladder unit.
Safety tested — DGUV test.

NEW

85853 104-105



Use of stabiliser set



85853 106



	Length min. - max. cm	85853	...
Telescopic plank 300 cm	178-300		104
Telescopic plank 400 cm	226-400		105
Stabiliser set	-		106

85853

Base extension for telescopic ladders

ATORN®

Design

- Continuous adjustment range via reliable clamping connection unit

Applications

For telescopic ladders (art. no. 85853 100–103).
Can be used on both the left and right-hand side.

Application
Base extension

**NEW**

85853 107

	85853	...
Base extension		107



85854

Aluminium step ladder DIN EN 131, accessible from both sides

ATORN®

Design

- Wide steps
- High-strength extruded aluminium strut profiles in C—profile shape = lightweight with maximum torsional resistance
- Particularly deep aluminium treads allow safe and fatigue-free standing
- The joints between the struts and the rungs use highly shear-resistant steel rivets to guarantee the highest possible level of safety and high durability for the aluminium ladder

- 12 sturdy aluminium cross struts ensure optimum stability of the stepladder
- Special soft plastic end caps guarantee superb resistance to displacement in the standing area
- GS-testing and certification by the Institute for Occupational Safety and Health (IFA) of the German Social Accident Insurance (DGUV)

Advantage

- Steps with 85 mm deep standing areas

NEW

85854 101



	Steps Number	Working height m	Length m	Platform height m	Vertical height m	Standing base width m	Load kg	Weight kg	85854	...
	2 x 3	1.71	0.73	0.64	0.73	0.43	150	4.7		100
	2 x 4	1.92	0.96	0.85	0.96	0.45	150	6.0		101
	2 x 5	2.13	1.19	1.07	1.19	0.47	150	7.3		102
	2 x 7	2.55	1.65	1.49	1.65	0.52	150	10.1		103
	2 x 9	2.97	2.11	1.91	2.11	0.57	150	14.2		104

Ladders

85860

Step ladder Saferstep B - DIN EN 131, accessible from both sides



ZARGES

Design

- Step-strut connections made of high-strength ZARGES quality flanging
- 80 mm deep steps
- Struts made from aluminium extruded section profiles
- Hinges made of die-cast aluminium

- Replaceable 2-component plastic end caps fit securely into the strut and ensure the ladder does not slip
- High-strength Perlon straps prevent splay
- Struts and steps made from anodised aluminium
- Maximum total load 150 kg
- **Safer Step technology**
- 10-year ZARGES warranty

85860

NEW

Ladder length m	Working height approx. m	lower, external Width m	Strut height mm	Number of steps	Weight kg	85860	...
0.88	2.30	0.44	68	2 x 3	4.6		201
1.15	2.55	0.47	68	2 x 4	6.1		202
1.42	2.80	0.50	68	2 x 5	7.6		203
1.70	3.05	0.53	68	2 x 6	9.3		204
1.98	3.30	0.56	68	2 x 7	10.9		205
2.27	3.60	0.59	68	2 x 8	12.7		206
2.83	4.15	0.65	68	2 x 10	16.4		207
3.39	4.65	0.71	68	2 x 12	20.3		208



85878

Aluminium step ladders DIN EN 131, accessible from one side

ATORN®

Design

- Wide steps
- Comfortable and secure footing on non-slip safety platform
- 85 mm deep steps
- High and non-bending safety bar
- Non-slip ribbing of steps
- High level of stability with low weight
- GS-tested

Advantage

- Practical aluminium tray for storing tools and other materials



Non-slip
safety platform



Practical
storage tray



Non-slip,
deep steps

NEW

85878 101

Steps incl. platform	Working height m	Length m	Platform height m	Standing base width m	Load kg	Weight kg	85878	...
1 x 3	2.75	1.52	0.75	0.51	150	8.0		100
1 x 4	3.00	1.79	1.00	0.54	150	9.0		101
1 x 5	3.25	2.06	1.25	0.57	150	10.1		102
1 x 7	3.75	2.60	1.75	0.63	150	12.6		103
1 x 9	4.25	3.14	2.25	0.66	150	15.0		104



85857

Step ladders Saferstep S - DIN EN 131, accessible from one side



ZARGES

Design

- Step-strut connections made of high-strength ZARGES quality flanging
- 80 mm deep steps
- Struts made from aluminium extruded section profiles
- Handy aluminium tray for storing small parts and tools

- Large standing platform (300 x 250 mm) for secure and comfortable use
- Replaceable 2-component plastic end caps fit securely in the strut and ensure the ladder does not slip
- High-strength Perlon straps prevent splay
- Struts and steps made from anodised aluminium
- Maximum total load 150 kg
- **Safer Step technology**
- 10-year ZARGES warranty

85857

NEW

Ladder length m	Working height approx. m	Platform t height m	Strut height mm Ascent/support part	Number of steps incl. platform	Weight kg	85857	...
1.59	2.80	0.80	68 / 48	3	6.5		401
1.87	3.10	1.06	68 / 48	4	7.6		402
2.15	3.35	1.33	68 / 48	5	9.0		403
2.43	3.60	1.59	68 / 48	6	9.9		404
2.71	3.85	1.85	68 / 48	7	11.1		405
2.99	4.15	2.12	68 / 48	8	12.3		406
3.55	4.65	2.64	68 / 48	10	15.6		407



85862

Aluminium leaning ladders without cross beams DIN EN 131



Design

- Strong strut profiles

- Permanent rung/strut connection through 4-way flanging
- Ribbed square rungs 30 x 30 mm
- Non-slip nivello® end caps
- For intended use (without cross beams)

85862

Ladder length approx. m	Working height up to approx. m	Ladder width mm	Number of rungs	85862	...
2.20	3.30	350	7	301	
2.50	3.50	350	8	302	
3.00	4.10	350	10	303	
3.60	4.60	350	12	304	
4.20	5.30	350	14	305	
4.70	5.80	350	16	306	



85863

Multi-purpose ladder Multitec M - DIN EN 131



ZARGES

Design

- Multi-functional ladder with 6 sturdy automatic steel hinges
- Strong rectangular struts with crimped, continually ribbed square rungs 30 x 30 mm
- Stable with safe footing thanks to 2 cross pipes with non-slip end caps
- Maximum total load 150 kg
- 10-year ZARGES warranty

Applications

Can be used as a step ladder, leaning ladder with and without wall support and as a practical working platform. Safe transport and easy storage due to low packing dimensions.



Ladder length as leaning/step ladder m	Working height m	Number of rungs	Height as working platform m	Weight approx. kg	85863	...
3.62/1.85	4.45	4 x 3	0.99	12.5	101	

Note:
Similar to image.



85863

85855

Multi-purpose ladders Skymaster X - DIN EN 131, 3 pieces



ZARGES

Design

- Top section with hooks and locking mechanism
- High-strength Perlon straps with sewn-in mounting clip prevent splay
- Stable, screwed fittings made of extruded sections
- Rung-strut connections made of high-strength ZARGES quality flanging

- Replaceable plastic end caps fit securely in the strut and ensure that the ladder does not slip
- Solid connection
- Maximum total load 150 kg
- 10-year ZARGES warranty

Note:

Designs with 3 x 8 or 3 x 10 rungs can be used as steps, and upper ladder can also be used separately as a leaning ladder.

Extended length m (as 3 piece leaning ladder)	Length m (as 2 pcs. leaning ladder and as step ladder with plug-in part)	Length of ladder parts m (also step ladder without plug-in part)	Number of rungs	Strut height mm	Longitudinal cross beam m	Weight kg	85855	...
5.80	4.10	2.45	3 x 8	73	1.0	18.5	201	
6.90	4.95	3.00	3 x 10	73	1.1	24.3	202	
8.60	6.10	3.55	3 x 12	98	1.2	30.1	203	

85855



85856

Aluminium step ladders



Design

- Strong rectangular tubular struts
- Ribbed square rungs 30 x 30 mm
- Permanently 4-fold flanged with the struts
- Conical strut guide for secure footing

- Lower struts end with non-slip nivello® end caps
- Upper struts end with end caps
- High-strength Perlon straps to prevent spreading
- Transport locking lugs
- Solid, zinc-plated steel hinges with screw fitting

85856



Ladder length approx. m	Working height approx. m	Number of rungs	Lower external width m	Weight kg	85856	...
1.50	2.60	2 x 5	0.50	7.1	202	
1.83	3.10	2 x 6	0.53	8.0	203	
2.10	3.20	2 x 7	0.56	8.7	204	
2.40	3.70	2 x 8	0.59	11.1	205	
2.70	3.80	2 x 9	0.63	11.6	206	
2.95	4.20	2 x 10	0.65	13.3	207	
3.51	4.80	2 x 12	0.70	15.7	209	
4.07	5.30	2 x 14	0.76	19.7	210	
4.63	5.90	2 x 16	0.82	22.5	211	



85872

Mobile platform stairs ZAP Safemaster S - DIN EN 131-7, folding



ZARGES

Design

- Step-strut connections made of high-strength ZARGES quality flanging
- Large picking storage
- Non-slip aluminium working platform, approx. 600 x 630 mm, with three-sided safety rails
- Climbing part with crossbar
- Support part with driving beams
- Runners with locking device (Ø 160 mm)
- Hinges in both diagonal struts allow this ladder to be conveniently folded away and stored to save space
- Replaceable plastic end caps
- Maximum total load 150 kg
- **Safer Step technology**
- 10-year ZARGES warranty

85872 106-107

Note:

Ballast is required when working outdoors.

85872



Platform height m	Height incl. rails approx. m	Number of steps incl. platform	Overhang m	Driving beams Width m	Crossbars Width m	Weight kg	85872	...
1.00	2.00	4	1.25	1.09	-	42.0		101
1.30	2.30	5	1.40	1.09	-	43.0		102
1.60	2.60	6	1.50	1.29	1.00	47.0		103
1.80	2.80	7	1.65	1.29	1.00	50.6		104
2.10	3.10	8	1.80	1.69	1.00	55.0		105
2.60	3.60	10	2.10	1.88	1.40	61.0		106
3.10	4.10	12	2.40	1.88	1.80	65.8		107

85876

Aluminium working platforms DIN EN 14183, rigid

ATORN®

Design

- Sturdy, welded tubular construction made of sturdy aluminium
- 240 mm deep steps made from aluminium checker plate ensure safe ascent and descent
- Upper base area 520 x 305 mm to provide a secure platform
- Non-slip foot caps

Applications

The proven and lightweight aluminium machine step for demanding industrial applications, with non-slip steps.



85876 100

85876 102

NEW

85876 104



Steps incl. platform number	Platform height m	Basic area m	Working height m	Weight kg	85876	...
1 x 1	0.2	0.36 x 0.59	2.2	2.4		100
1 x 2	0.4	0.68 x 0.63	2.4	5.0		101
1 x 3	0.6	0.73 x 0.88	2.6	7.0		102
1 x 4	0.8	0.77 x 1.14	2.8	9.8		103
1 x 5	1.0	0.81 x 1.40	3.0	12.0		104

85869

Aluminium working platforms, rigid



Design

- Robust, welded tubular construction
- Steps made of chequered aluminium plate
- Strut ends with non-slip plastic caps

Working height approx. m	Platform height approx. m	Number of steps	Upper standing surface mm	Basic surface W x D m	Weight kg	85869	...
2.20	0.20	1	550 x 300	0.59 x 0.37	2.5		101
2.40	0.40	2	550 x 300	0.70 x 0.62	5.5		102
2.60	0.60	3	550 x 300	0.74 x 0.88	8.5		103
2.80	0.80	4	550 x 300	0.79 x 1.13	11.5		104
3.00	1.00	5	550 x 300	0.83 x 1.39	14.5		105

85869



85873**Mobile platform stairway DIN EN 131-7, accessible from one side****ZARGES****Design**

- Easy and quick installation due to new connection elements made of aluminium extruded section profiles
- Light metal steps
- Convenient ascent with 200 mm deep steps
- 60° incline
- Step distance 240 mm
- Plastic end caps on the strut ends
- Large standing platform 600 mm x 800 mm
- Maximum security thanks to platform rails with 1.00 m height, complete with foot and knee rails
- Maximum total load 150 kg
- Four suspension steering rollers (2 with locking device) at Ø 125 mm for maximum mobility and quick deployment

- 10-year ZARGES warranty
- Optional two-sided hand rail on steps in accordance with DIN EN 131-7 (see art. no. 85875)

85873

Platform height without rails m	Basic surface m	Number of steps incl. platform	Weight kg	85873	...
0.72	0.77 x 1.27	3	28.5		101
0.96	0.82 x 1.45	4	31.8		102
1.20	0.87 x 1.63	5	35.0		103
1.44	0.93 x 1.81	6	38.4		104
1.68	0.98 x 1.99	7	41.8		105
1.92	1.03 x 2.17	8	45.6		106

85874**Mobile platform stairway DIN EN 131-7, accessible from both sides****ZARGES****Design**

- Easy and quick installation due to new connection elements made of aluminium extruded section profiles
- Light metal steps
- Convenient ascent with 200 mm deep steps
- 60° incline
- Step distance 240 mm
- Plastic end caps on the strut ends
- Large standing platform 600 mm x 800 mm
- Maximum security thanks to platform rails with 1.00 m height, complete with foot and knee rails
- Maximum total load 150 kg
- Four suspension steering rollers (2 with locking device) at Ø 125 mm for maximum mobility and quick deployment

- 10-year ZARGES warranty
- Optional two-sided hand rail on steps in accordance with DIN EN 131-7 (see art. no. 85875)

85874

Platform height without rails m	Basic surface m	Number of steps incl. platform	Weight kg	85874	...
0.72	0.77 x 1.51	3	31.2		101
0.96	0.82 x 1.79	4	36.0		102
1.20	0.87 x 2.06	5	41.0		103
1.44	0.93 x 2.34	6	46.2		104
1.68	0.98 x 2.62	7	51.7		105
1.92	1.03 x 2.90	8	57.5		106

85875**Handrail on ascent for platform stairs****ZARGES**

- 10-year ZARGES warranty

85875 201**Applications**

For platform stairs with 4–6 steps,
art. no. 85873 102–104 and 85874 102–104.

85875 202**Applications**

For platform stairs with 7–8 steps,
art. no. 85873 105–106 and 85874 105–106.

For platform stairs with number of steps	85875	...
4–6		201
7–8		202

**85875 201****85875 202**

85870

Folding scaffold CompartMaster - DIN EN 1004



85870



ZARGES

Design

- Practical small scaffold
- Easy to handle
- Folds up for quick set-up and disassembly
- Minimum space requirements for transport and storage (folded dimensions only 0.25 x 0.85 x 1.50 m)
- Can be moved through doors even when set up
- Scaffold group 3 (can bear load of up to 200 kg/m²) in accordance with DIN EN 1004
- 10-year ZARGES warranty

Applications

For working indoors and outdoors at low heights.

Note:

The folding scaffold can be extended to a working height of 13.65 m.



Scaffold height m	Load capacity kg	Working height approx. m	Scaffold height m	Platform height m	Weight approx. kg	85870	...
0.75 x 1.80	202	2.95	1.65	0.95	35.8		201
1.35 x 1.80	404	2.95	1.65	0.95	52.8		202

85877

Aluminium standard roller scaffolds for working heights of up to 7.20 m



85877 104



Design

- GS-tested in accordance with DIN EN 1004
- Stable and dependable use
- Functional and comfortable handling
- Platform with large access hatch
- Sturdy construction in modular system
- Aluminium material
- 4 steering rollers Ø 125 mm with locking devices

Note:

The required number of ballast weights depends on the structure type, the structure location and the scaffold height.

The instructions for set-up and use provide detailed information about this.

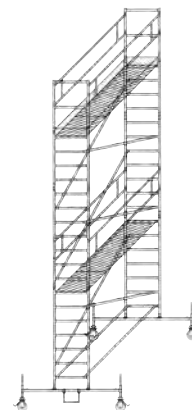
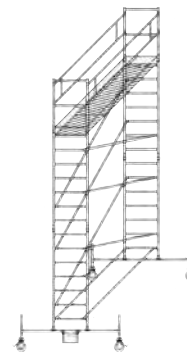
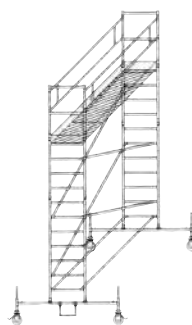
Scaffolding size 0.75 x 1.80 m.

Load class/scaffold group 3, 2.0 kN/m².

85877 101

85877 102

85877 103



85877 101

Design

- No chassis beams as these are not required
- Rollers are inserted directly into the lower scaffolding frame



Scaffold height approx. m	Scaffold size approx. m	Scaffold group III	Working height approx. m	Platform height approx. m	Weight approx. kg	85877	...
3.20	1.80 x 0.75	2.00 kN/m ²	4.20	2.20	56.0		101
4.20	1.80 x 0.75	2.00 kN/m ²	5.20	3.20	90.0		102
5.20	1.80 x 0.75	2.00 kN/m ²	6.20	4.20	100.0		103
6.20	1.80 x 0.75	2.00 kN/m ²	7.20	5.20	126.0		104