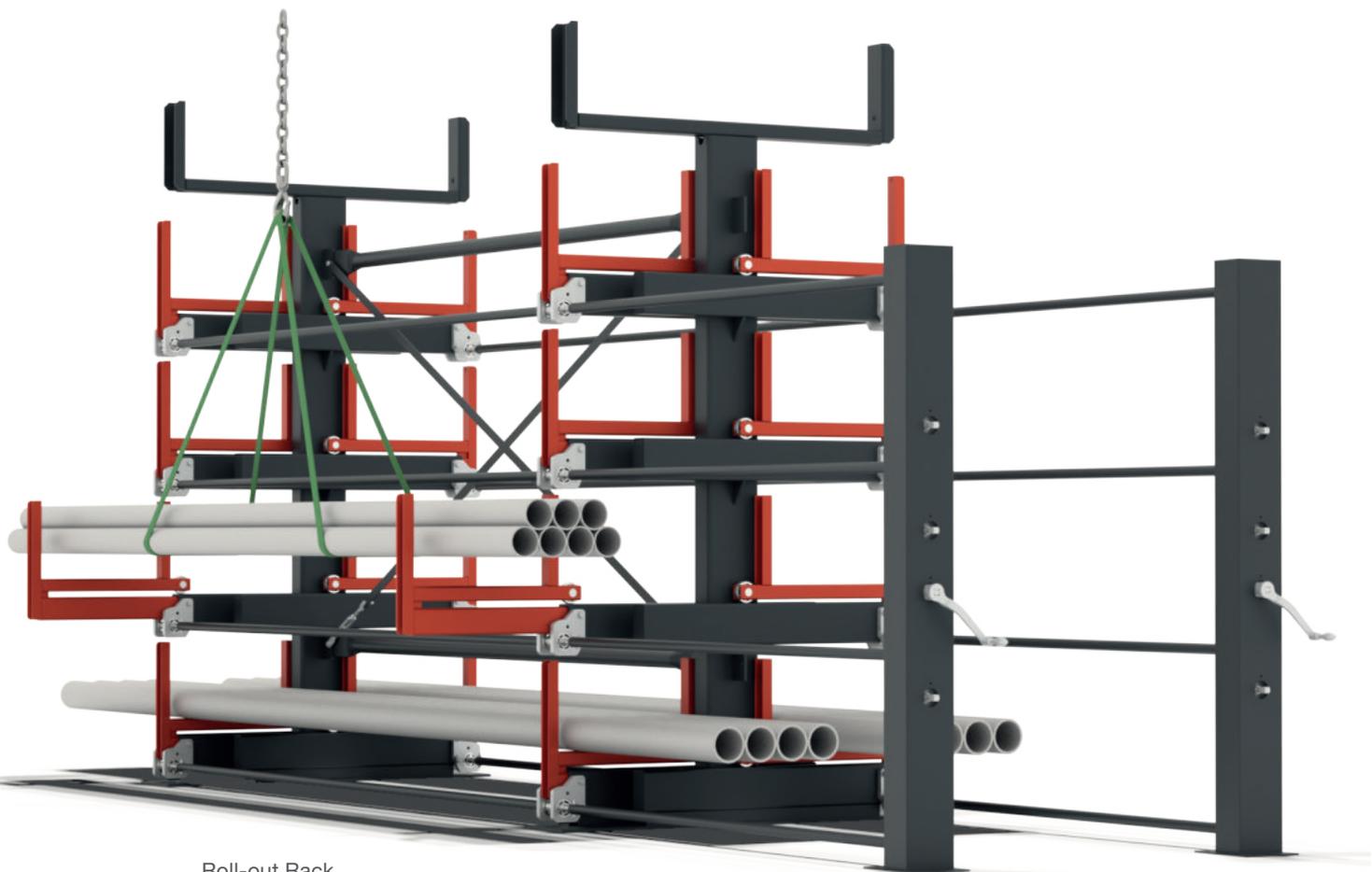


# Rack systems



Roll-out Rack  
page 8

**Long material • Sheets • Heavy loads**

# Karl H. Bartels GmbH



**Karl H. Bartels GmbH**  
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## Our brochures



Rack systems



Tipping container



Stair climber

Hotline: 0800 - 66 47 868 000

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**We plan your new rack system with you**



**We can look back on over 80 years of experience. Become part of our success story.**

**We offer the right shelf for every stock item.  
Whether long goods, sheet material or heavy loads**



**We are looking forward to your inquiry!  
Phone: +49 4126 - 3968 0**

**Store safely and in a structured manner  
also sensitive goods**



**info@bartels-germany.de  
www.bartels-germany.de**

# YOUR BENEFITS

**We plan your new rack system with you**

**We offer the right shelf for every stock item.  
Whether long goods, sheet material or heavy loads**

**Store safely and in a structured manner  
also sensitive goods**

**We can look back on over 80 years of experience.  
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[www.bartels-germany.de](http://www.bartels-germany.de)**

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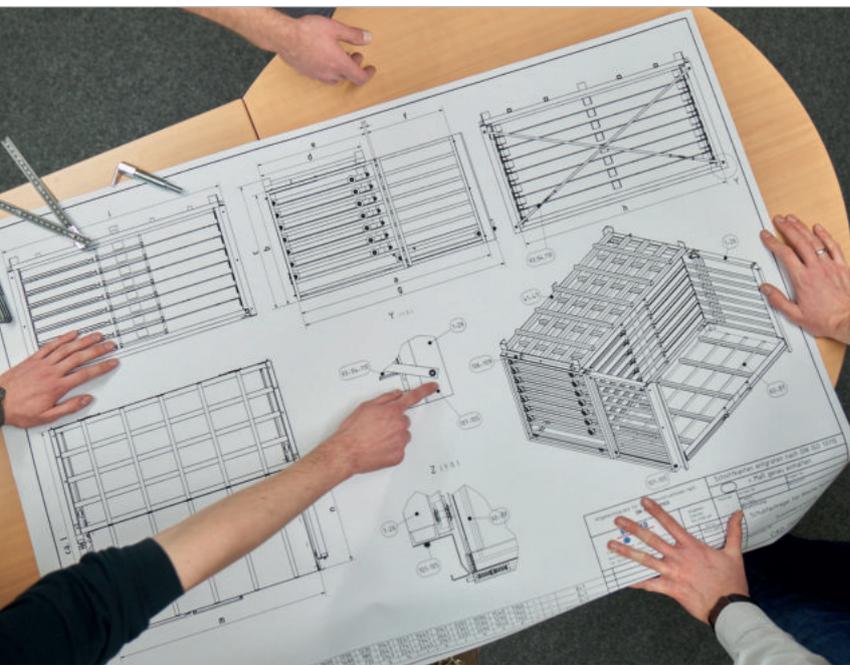
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**HONEYCOMB RACK**  
Further information on page 20

# RACKS FOR LONG GOODS • SHEETS • HEAVY LOADS



- Consulting, planning, production and assembly all from one source
- Realisation of your individual storage requirements
- Our short internal processing time ensures a fast reaction even to short-term changes
- We take over the annual inspection and maintenance of your racking systems according to the UVV

---

## YOUR COLOUR OF CHOICE

Our racks are painted in the standard colours listed below - free of charge.

Please ask for your colour of choice!

2002

5010

5012

7035

7016



## Long material storage

Roll-out shelf rack .....	8
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-----------------------------	----

## Roll-out rack

Drawers with manual pull-out up to 500 kg load capacity per cantilever arm

### ROLL-OUT RACK WITH MANUAL PULL-OUT

#### + YOUR BENEFIT

- Fast access
- Comfortable and safe pull-out
- Extendable up to 100%
- Operation by one person sufficient
- Space-saving, so that wide working cycles for forklifts or industrial trucks are not required

#### DESIGN

Particularly torsion and bending resistant cantilever racking with arms that can be rolled out and retracted by hand.

Moving parts are mounted on ball bearings. The individual frames are completely welded and assembled units.

For the storage of round tubes, tools, long goods and other products. Suitable for installation in closed halls, as well as a galvanized version for outdoor use.

Load capacity and number of support frames depending on the shelf depth.

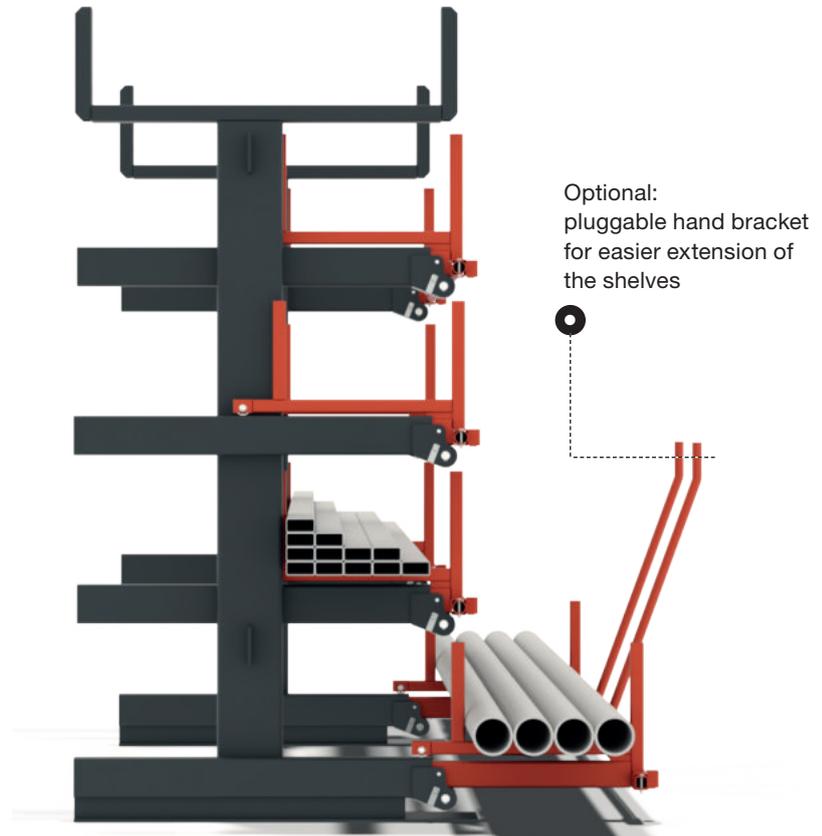
Ground anchoring required!

On request:

Dimensions and paint finishes in many versions possible - please inquire!

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#### ONE-SIDE DESIGN



Optional:  
pluggable hand bracket  
for easier extension of  
the shelves

#### DESIGN EXAMPLE:

##### One-side design

Load Capacity / Drawer	kg	1000
Usable Depth / Drawer	mm	500
Usable Height / Drawer	mm	300
Drawer Levels (Incl. Roof Storage)	pc	1 x 5
Height above Ground, 1st Level	mm	244
Dimensions W x H x D	mm	3328 x 2485 x 1220
Height above Ground, Upper Level	mm	1804
Height above Ground, Roof Storage	mm	2185
	<b>Item No.</b>	<b>126.058</b>

##### Double-side design

Load Capacity / Drawer	kg	1000
Usable Depth / Drawer	mm	500
Usable Height / Drawer	mm	300
Drawer Levels (Incl. Roof Storage)	pc	2 x 5
Height above Ground, 1st Level	mm	244
Dimensions W x H x D	mm	3328 x 2485 x 1380
Height above Ground, Upper Level	mm	1804
Height above Ground, Roof Storage	mm	2185
	<b>Item No.</b>	<b>126.057</b>

**DOUBLE-SIDED DESIGN**



Matching grippers  
 you will find online!



**CHALLENGE US!**

**YOU HAVE THE STOCK - WE HAVE THE SOLUTION!**

**Systems already built:**

Technical details	One-Side Design	Double-Sided Design
Usable Depth / Level	400 – 1000 mm	400 – 1000 mm
Usable Height / Level	min. 100 mm	min. 100 mm
Number of Levels (Incl. Roof Storage)	max. 8	max. 8
Number of Support Frames	min. 3	min. 3
Distance between Support Frames	max. 4500 mm	max. 4500 mm
Material Length	max. 10000 mm	max. 10000 mm



## Roll-out rack

Drawers extendable by crank handle up to 2600 kg load capacity per cantilever arms

### ROLL-OUT RACK

#### + YOUR BENEFIT

- Perfect handling of long goods by indoor crane
- Smooth running and can be operated by only one person
- Suitable for long goods storage up to 70 m
- Small shelf space with large storage volume
- Space-saving installation dimensions reduce expensive storage space

#### DESIGN

Particularly torsion and bending resistant construction. The moving parts are mounted on ball bearings. The individual frames are completely welded and assembled units.

The knurled roller creates a non-slip surface which allows a controlled rolling in and out of the tiers.

Load capacity depending on the shelf depth.

The arms can be rolled out 100% by means of a hand crank and are therefore ideal for crane loading suitable.

Ground anchoring required!

#### On request:

Dimensions and paintwork in many designs possible - please inquire!

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#### ONE-SIDE DESIGN



#### DESIGN EXAMPLE:

##### One-side design

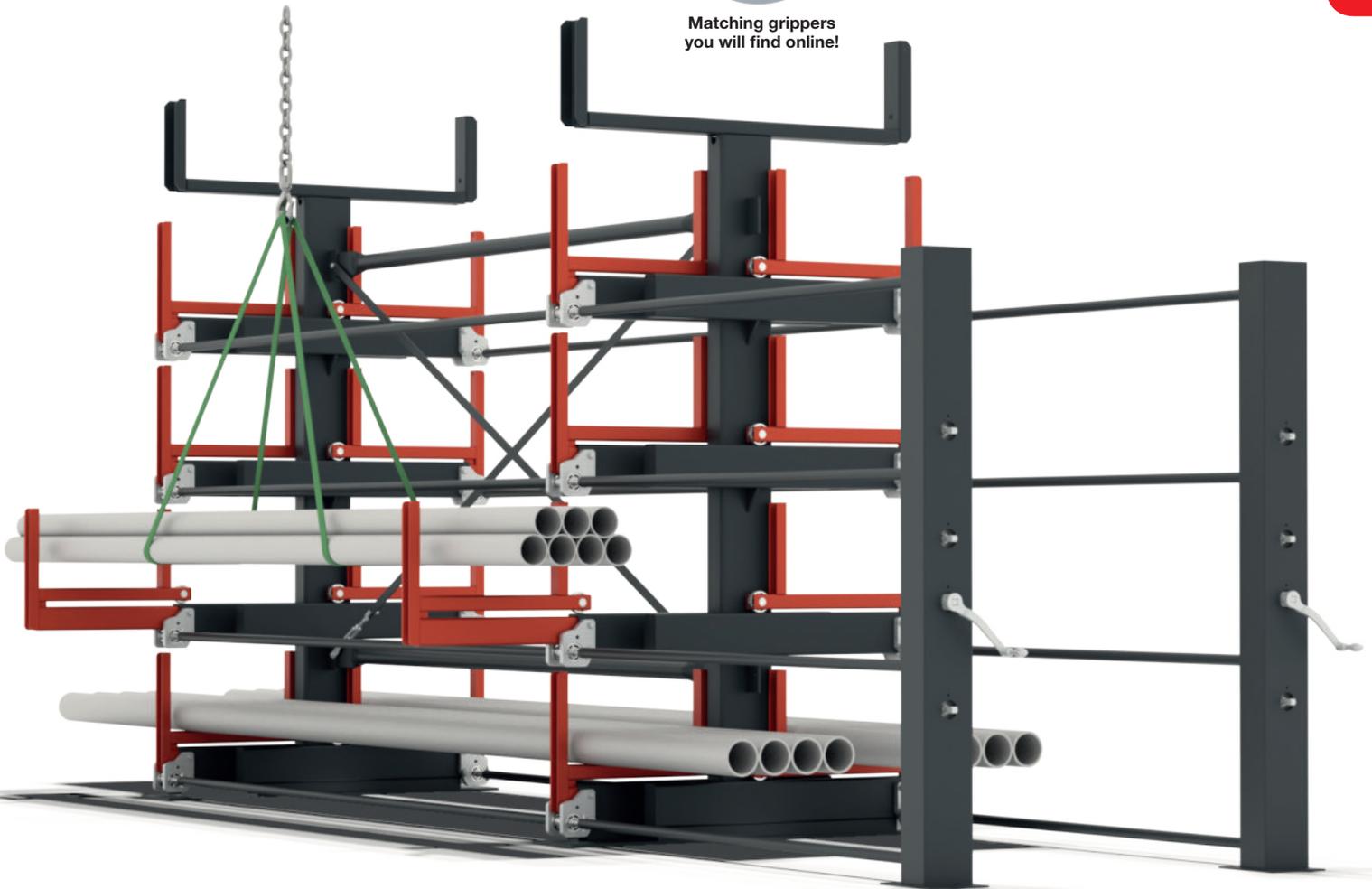
	Type	RAR 1600	RAR 2600
Load Capacity / Arm	kg	1600	2600
Load Capacity / Level (with 2 Support Frames)	kg	3200	5200
Usable Depth / Drawer	mm	500	500
Usable Height / Drawer	mm	300	300
Drawer Levels (Incl. Roof Storage)	St.	1 x 5	1 x 5
Measurements W x H x D	mm	5297 x 2661 x 1058	5375 x 2813 x 1262
Height above Ground, 1st Level	mm	257	277
Height above Ground, Upper Level	mm	1901	2053
Height above Ground, Roof Storage	mm	2361	2513
	Item No.	126.055	126.053

##### Double-side design

	Type	RAR 1600	RAR 2600
Load Capacity / Arm	kg	1600	2600
Load Capacity / Level (with 2 Support Frames)	kg	3200	5200
Usable Depth / Drawer	mm	500	500
Usable Height / Drawer	mm	300	300
Drawer Levels (Incl. Roof Storage)	St.	2 x 5	2 x 5
Measurements W x H x D	mm	5297 x 2661 x 1409	5375 x 2813 x 1469
Height above Ground, 1st Level	mm	257	274
Height above Ground, Upper Level	mm	1901	2053
Height above Ground, Roof Storage	mm	2361	2513
	Item No.	126.052	126.051

**DOUBLE-SIDED DESIGN**


Matching grippers you will find online!


**CHALLENGE US!**
**YOU HAVE THE STOCK - WE HAVE THE SOLUTION!**
**Systems already built:**

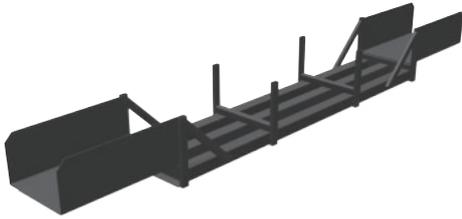
Technical details	One-Side Design	Double-Sided Design
Usable Depth / Level	400 – 1400 mm	400 – 1500 mm
Usable Height / Level	min. 100 mm	min. 100 mm
Number of Levels (Incl. Roof Storage)	max. 8	max. 8
Number of Support Frames	2 - 14	2 - 14
Distance between Support Frames	max. 4500 mm	max. 4500 mm
Material Length	max. 70 m	max. 70 m*



Optional: Handwheel for easier extension of the drawers

## Roll-Out rack Accessories Support pallet

TYPE UP 1



### SUPPORT PALLET TYPE 1

- Can be loaded with crane (belt) **and** forklift truck as there is air under the support beams (50 mm)
- Simple handling of long goods
- For max. three erectors
- Continuous sheet metal loading and installations possible (forklift loading is not necessary)

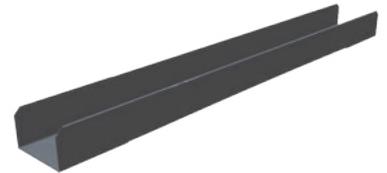
TYPE UP 2



### SUPPORT PALLET TYPE 2

- Loadable with crane (belt)
- Support for the complete long goods (e.g. for flexible materials)
- Can be used with any number of erectors and any erector centre distance
- Special lengths possible (over 6000 mm)
- Up- & plants Number/spacing in Pre-selectable
- Continuous sheet supports and systems as well as polyamide applications and systems possible

TYPE UP 3



### SUPPORT PALLET TYPE 3

- For storage and support of materials that tend to bend
- Can be used with any number of erectors and any erector centre distance
- Support of the complete long goods over the entire length possible

## SUPPORT PALETTES

suitable for Roll-out racks

### + YOUR BENEFIT

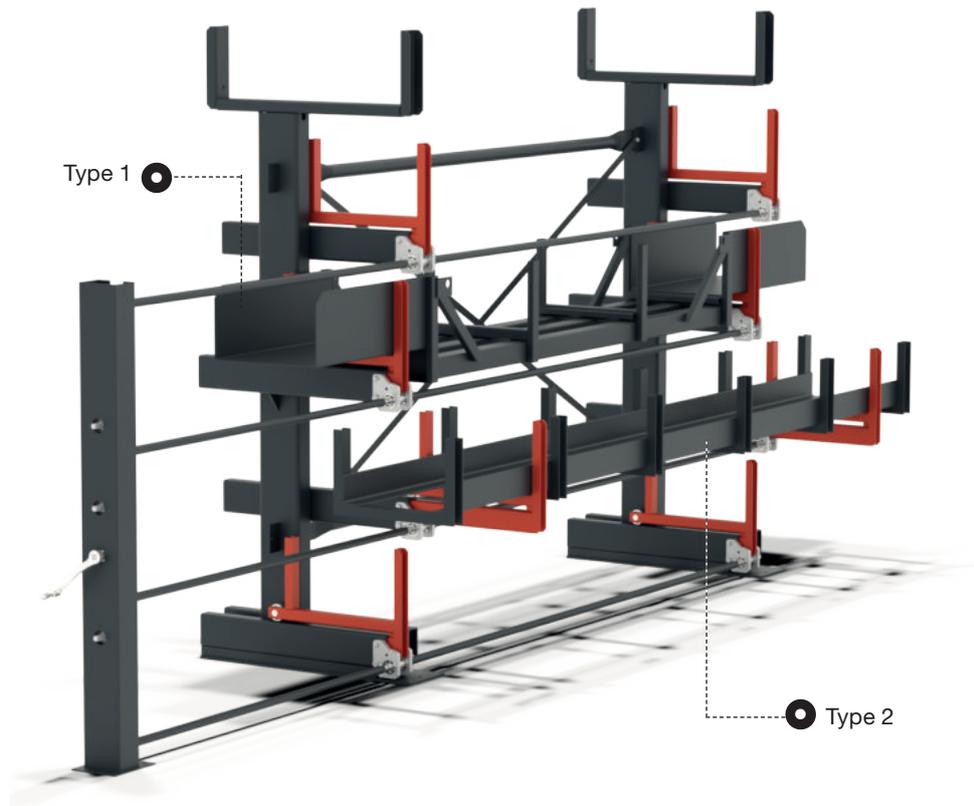
- For insertion in roll-out rack compartments and in the roof rack
- Ideal for the storage of flexible long goods or leftover pieces
- For crane loading suitable

### ● DESIGN

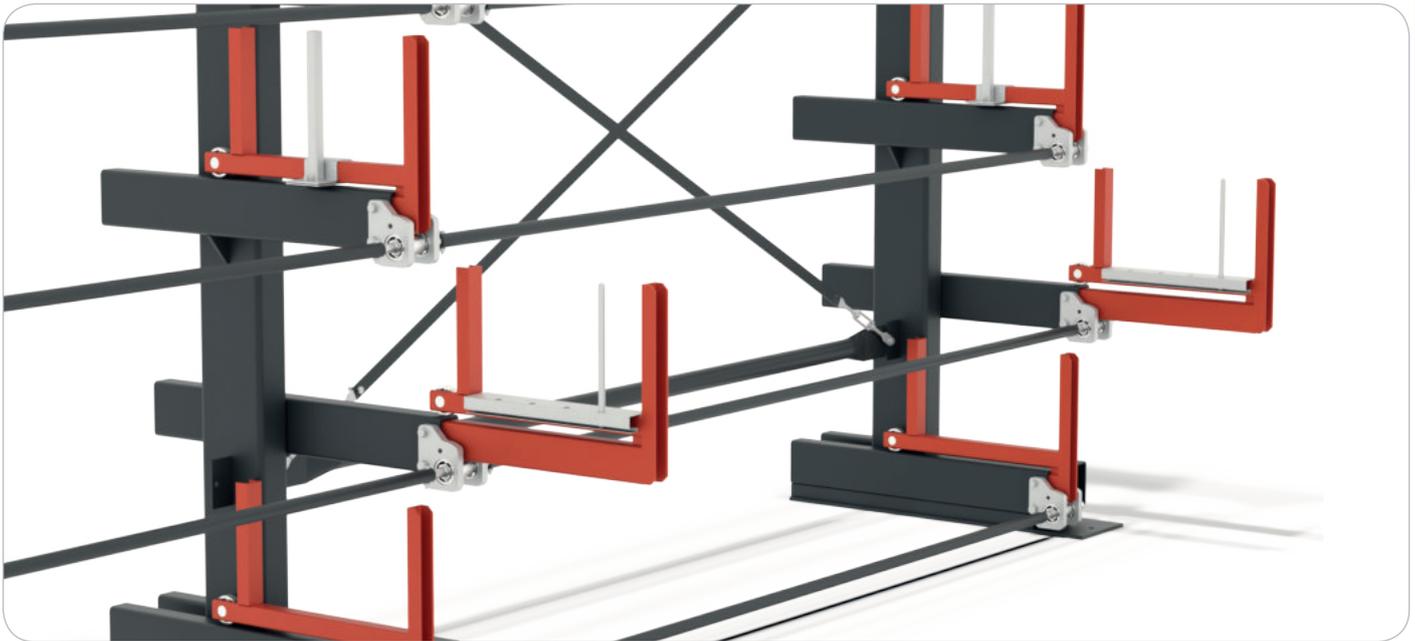
Solid steel design with rigid or pluggable side stanchions.  
Standard colour light blue RAL 5012

**On request:** Dimensions and colours available in many versions - please enquire!

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	Type	UP 1 for RAR 1600	UP 1 for RAR 2600	UP 2 for RAR 1600 + 2600	UP 3 for RAR 1600 + 2600
Load Capacity	kg	3040	5000	3060	200
Measurements over all. W x D x H	mm	4000 x 550 x 440	4000 x 550 x 440	4000 x 564 x 342	4000 x 480 x 267
Clear dimensions W x D x H	mm	4000 x 480 x 295	4000 x 480 x 295	4000 x 464 x 292	4000 x 469 x 265
Weight	kg	160	200	140	65
	Item No.	126.062	126.061	126.063	126.163



## SHELF DIVIDER PLUGGABLE

- For the sensible arrangement of different long goods materials or lengths per compartment
- Variably adaptable to storage requirements
- Distance and number of perforations freely selectable

### Design example:

#### Shelf divider bar:

Length: 480 mm, 4x perforation Ø 16.5 mm,  
Hole spacing approx. 100 mm, subdivision into 4 compartments, surface: hot-dip galvanized

**Stanchion:** Ø 16 mm for shelf height 300 mm,  
Surface: Electrogalvanized

	Shelf divider bar	Stanchion
Item No.	126.0731.Z88	126.069.Z52
€	starts from 32 € /pc.	starts from 9 € /pc.



## SHELF DIVIDER ADJUSTABLE

- Mounting on carrier profile
- Adjustable by means of clamping screw
- Variable adaptation to storage requirements

**Design example:** For shelf useful height 300 mm (always matching your shelf), stanchion: Vkt tube 30 mm,  
Surface: painted or galvanized.

Fachteilerleiste	For RAR Type 1600	For RAR Type 2600
Item No.	126.121	126.123
€	29,00	25,00



## Roll-Out Rack References



1



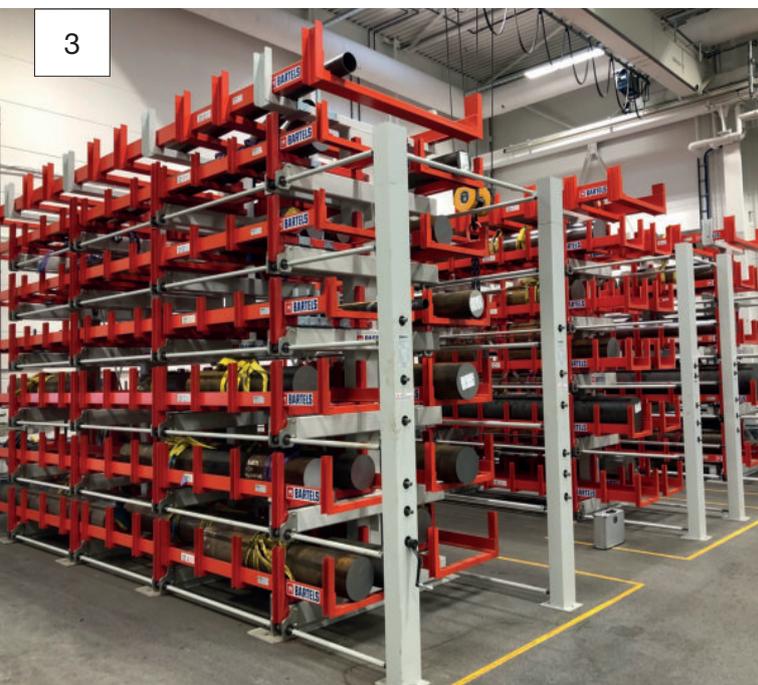
2

**1. Ref.-Nr. 126.052.Y36 - galvanized**  
Shelf depth 800 mm · Number of shelves 3+1  
For 70 m long goods · Total load capacity 96000 kg

**2. Ref.-Nr. 126.052.W30 - galvanized**  
Shelf depth 800 mm · Number of shelves 6+1  
for 6 m long goods · Total load capacity 58800 kg

**3. Ref.-Nr. 126.051.X00**  
Shelf depth 730 mm · Number of shelves 6+1  
Total load capacity 106400 kg  
for 6,4 m long goods

**4. Ref.-Nr. 126.055.Z69**  
Shelf depth 825 mm · Number of shelves 6+1  
with U-pallet · Total load capacity 13650 kg  
for 7 m long goods



3



4



5



6



7



8

**5. Ref.-Nr. 126.051.Z50**  
Shelf depth 600 mm · Number of shelves 3 + 1  
Total load capacity 86000 kg

**6. Ref.-Nr. 126.053.Z56**  
Shelf depth 1300 mm · Number of shelves 4 +  
Edrive · Total load capacity 15000 kg

**7. Ref.-Nr. 126.051.Y20**  
Shelf depth 500 mm · Number of shelves 4 + 1  
With U-pallet · Total load capacity 52000 kg  
For 6 m long goods

**8. Ref.-Nr. 126.052.X96**  
Shelf depth 700 mm · Number of shelves 6 + 1  
with U-pallet · Total load capacity 33600 kg  
For 4 m long goods

## Cassette Drawer Rack

Up to 2000 kg load capacity per cassette drawer

### CASSETTE DRAWER RACK

#### + YOUR BENEFIT

- Can be extracted 100%, ideal for loading using a crane
- Space-saving through pivoting projection
- Clearly arranged also for different lengths
- Removal of material possible from three sides (front and face sides)

#### • DESIGN

Very stable, torsionally rigid steel construction. Bolted supporting frame to accommodate welded long goods cassettes.

To facilitate the removal of material from the sides, just insert the included roll-out rollers into the open construction.

The ball-bearing cassettes are pulled out on the guide rails of the open doors.

Storage and retrieval is done by hand or crane.

##### On request:

Also available with pull-out on both sides, attachable compartment dividers and roof shelf.

Dimensions and colours available in many versions - please enquire!

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#### REMOVAL OF MATERIAL POSSIBLE FROM THREE SIDES (FRONT AND FACE SIDES)

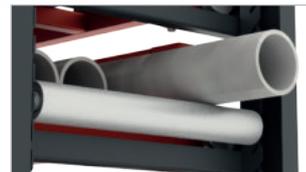


#### DESIGN EXAMPLE:

	Type	KSR	KSR
For material length	mm	3000	6000
Load Capacity / Level	kg	2000	2000
Load Capacity	kg	12000	12000
Number of Cassette Spaces	pc	6	6
Overall Measurements W x H x D (pivoting projection closed)	mm	3590 x 1040 x 2208	6590 x 1040 x 2198
Overall Measurements W x H x D (pivoting projection opened)	mm	3590 x 1801 x 2208	6590 x 1801 x 2198
Cassette Interior Measurements W x H x D	mm	3220 x 600 x 200	6200 x 600 x 200
	Item-No.	126.302	126.301



**i** Insertable supports available. They are useful as an additional support point in the cassette for soft material that tends to bend.



Optional:  
Frame with roll-out rollers mountable on all doors and front sides for easy material removal

## CHALLENGE US!

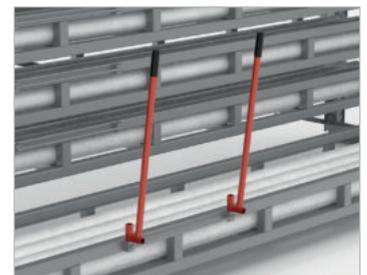
**YOU HAVE THE STOCK - WE HAVE THE SOLUTION!**

### Systems already built:

Technical details	One-Side Design
Usable Depth / Level	400 – 1200 mm
Usable Height / Level	min. 80 mm
Number of Cassettes	max. 8
Load Capacity per Cassette	max. 2000 kg
Material Length	max. 7000 mm

### Optional: Pull-out bar

Artikel-Nr.	126.250
	220,00



For ergonomic tray extraction, we recommend the extraction handle for plugging and hooking.

## Cassette Drawer Rack References



1

### Page 18

1. Ref.-Nr. 126.301.Z99  
Shelf depth 600 mm · Number of cassettes 6  
For 3 m material length  
Total load capacity 12000 kg
2. Ref.-Nr. 126.301.Z21  
Shelf depth 800 mm · Number of cassettes 11  
Total load capacity 12000 kg – For 6 m stored goods

### Page 19

3. Ref.-Nr. 126.301.Z97  
Shelf depth 800 mm · Number of cassettes 6  
With side mesh · Total load capacity 12000 kg  
For 6.1m stored goods
4. Ref.-Nr. 126.301.Z99  
Roll-out roller for easy material withdrawal
5. Ref.-Nr. 126.301.Z99  
Ideal for crane loading

2

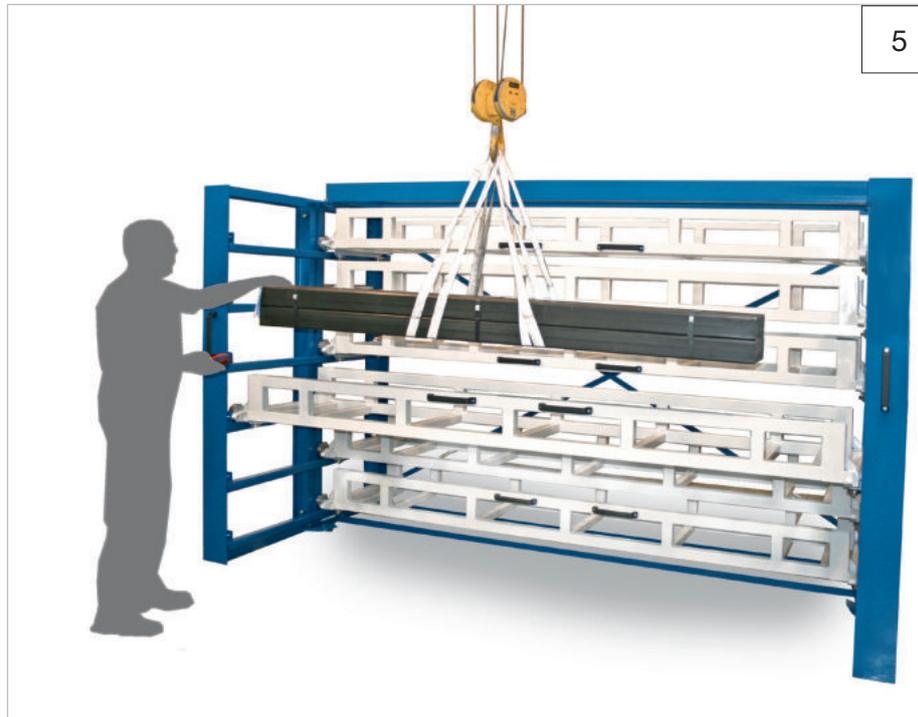




3



4



5

## Honeycomb Rack

Load capacity up to 2000 kg per extendable cassette

### HONEYCOMB RACK

#### + YOUR BENEFIT

- Ideal for halls or high storage rooms, as it can be combined with storage platforms
- Cassettes can be loaded with a crane or, if desired, with a forklift
- Good visibility of the material stock
- System can be extended at will in a durable construction
- In combination with trolleys also more than 3 t load capacity possible

#### ○ DESIGN

Compact, welded steel construction in modular honeycombs construction. Can be expanded almost indefinitely.

The cassettes are made of two longitudinal beams, fixed stanchion and flanged wheels mounted on ball bearings.

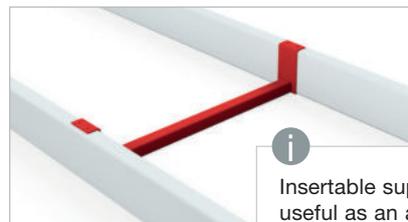
Combine the honeycomb rack with a storage platform and get even more storage space! We will be pleased to assist you with the planning and advise you on site.

#### On request:

Loads, dimensions and colours in many designs possible - please ask!

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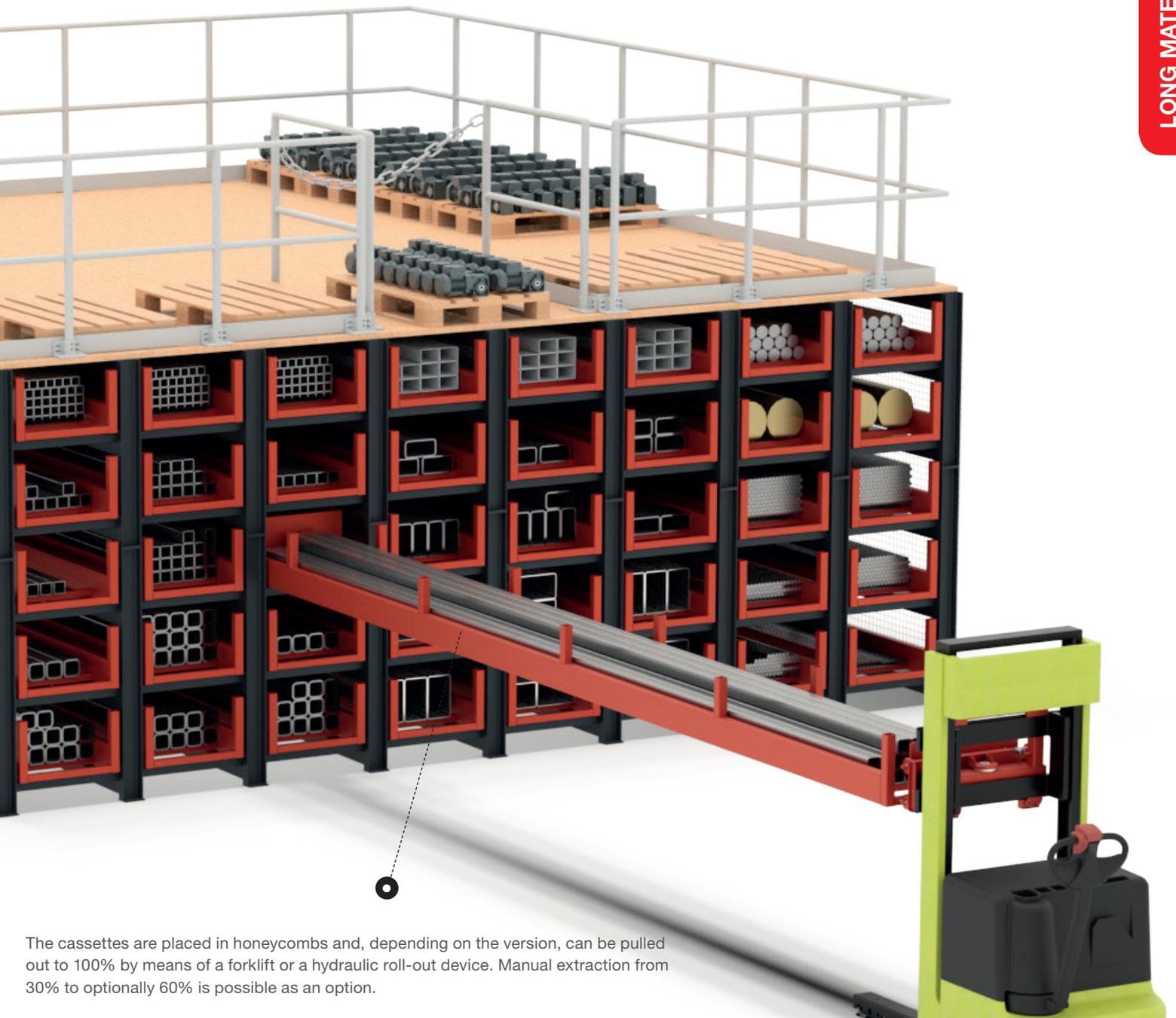
Optionally also available with storage platform



Insertable supports available. They are useful as an additional support point in the cassette for soft material that tends to bend.

#### DESIGN EXAMPLE:

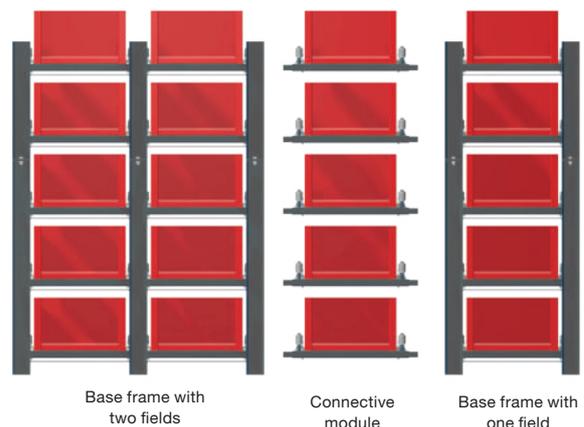
	Type	Base frame Incl. Cassettes	Base frame Incl. Cassettes	Connective module Incl. Cassettes
Design		1 Module	2 Modules	1 Connective Module
Load Capacity / Cassette	kg	1000	1000	1000
Number of Cassettes	pc	1 x 5	2 x 5	1 x 5
Overall Rack Measure- ments W x H x D	mm	880 x 6600 x 2380	1640 x 6600 x 2380	-
Module Width	mm	1 x 640	2 x 640	1 x 640
Top Level Height	mm	2040 above ground	2040 above ground	2040 above ground
Max. Length of Goods	mm	6000	6000	6000
Clear Cassette Measurements W x H x D	mm	500 x 300 x 6305	500 x 300 x 6305	500 x 300 x 6305
Max. Cassette Pull-out	mm	6200	6200	6200
	<b>Item-No.</b>	<b>124.006</b>	<b>124.007</b>	<b>124.008</b>



The cassettes are placed in honeycombs and, depending on the version, can be pulled out to 100% by means of a forklift or a hydraulic roll-out device. Manual extraction from 30% to optionally 60% is possible as an option.

**Systems already built:**

Technical details	Design
Cassette Length	max. 7200 mm
Usable Height / Cassette	min. 100 mm
Usable Width / Cassette	max. 1200 mm
Load Capacity / Cassette	max. 3000 kg
Material Length	max. 7000 mm



# Honeycomb Rack References



## CONTROL UNIT FOR THE HONEYCOMB RACK:



### WITH HYDRAULIC LIFT

shelf load	Support height	Item-No.	Price/pc.
up to max. 1100 kg	up to 2410 mm	<b>124.001</b>	<b>3968,00</b>



### WITH ELECTRIC LIFT AND TRAVEL DRIVE

Select forklift:

shelf load	Support height	Item-No.	Price/pc.
up to max. 2000 kg	up to 2300 mm	<b>307.017</b>	<b>6389,00</b>
	up to 2700 mm	<b>307.018</b>	<b>6443,00</b>
	up to 3300 mm	<b>307.019</b>	<b>6727,00</b>



Select adapter:

shelf load	Item-No.	Price/pc.
up to 1000 kg	<b>124.016</b>	<b>1922,00</b>
up to 2000 kg	<b>124.017</b>	<b>1965,00</b>
max. 2000 kg - and various Cassette widths	<b>124.018</b>	<b>2148,00</b>




**Page 22**

1. Ref.-Nr. 124.010.Z19  
Shelf W x D 940 x 6000 mm  
Number of cassettes 198 · Storage space 212,26 qm  
Total load capacity 297000 kg
2. Ref.-Nr. 124.036.Z89 Cassette with  
Ref.-Nr. 124.015.Z99 manual extract
3. Ref.-Nr. 124.003.Z96  
Honeycomb rack adapter for FEM plate
4. **Special construction**  
Honeycomb rack adapter for cassettes and  
Undercarriages
5. Ref.-Nr. 124.015.Z82  
7 fields, 4 cassettes per field + 1 Trolley  
Total load capacity 56000 kg
6. Ref.-Nr. 124.010.Z00  
Shelves with two different heights

**Page 23**

4. Ref.-Nr. 124.036.Z89  
Shelf W x D 500 x 3200 mm  
Number of cassettes 55 · Storage space 29,4 qm  
Total load capacity 110000 kg
5. Ref.-Nr. 124.010.Z12  
Shelf W x D 950 x 3500 mm  
Number of cassettes 40 · Storage space 24,9 qm  
Total load capacity 30000 kg
6. Ref.-Nr. 124.010.Z00  
Shelf W x D 880 x 66000 mm  
Number of cassettes 138 · Storage space 152 qm  
Total load capacity 138000 kg
7. Ref.-Nr. 124.036.Z89 Cassette with  
Ref.-Nr. 124.015.Z99 manual extract



## Honeycomb rack Starr

Load capacity up to 640 kg per honeycomb

### HONEYCOMB RACK STARR

#### YOUR BENEFIT

- Clear storage of light materials and remnants in varying lengths
- Enormously space-saving
- It can be extended and stacked with the same shelf length
- Individual shelf arrangement

#### DESIGN

Compact welded steel construction with glued honeycombs in modular design for the storage of manageable bar materials.

The honeycomb rack is delivered completely assembled.

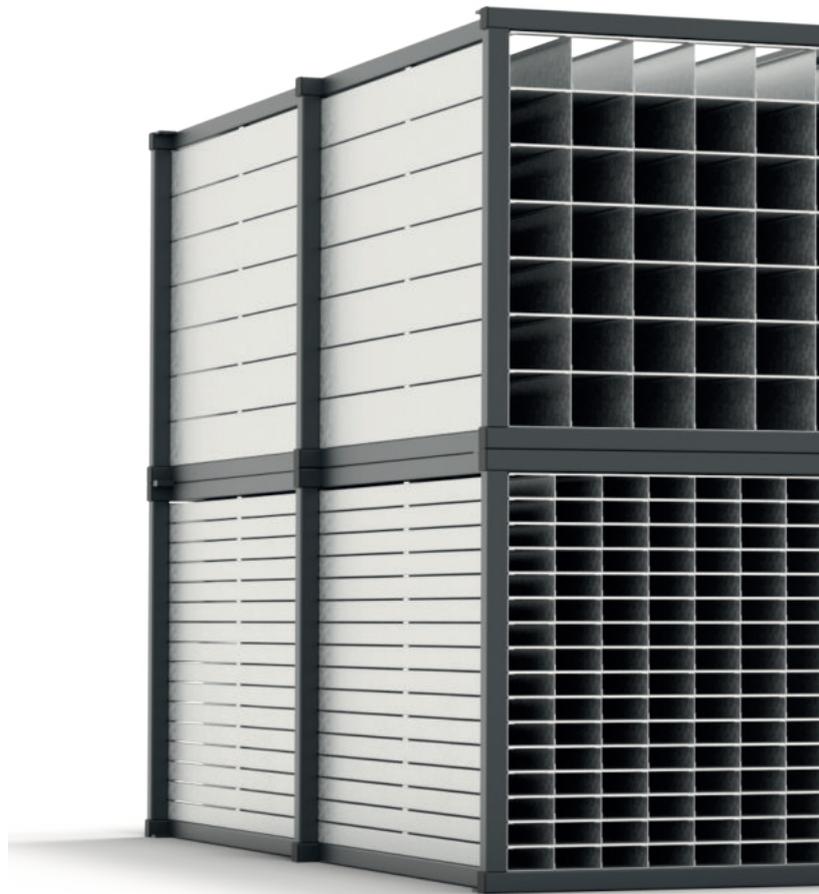
**On request:** Dimensions and colours in many designs possible - please ask for details!

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The racks are basically stackable, but the load on your rack must be taken into account. Please use the actual dimensions of your shelf and the following load table:

Rack length	Max. Load
1000 mm	4400 kg
2000 mm	2600 kg
3000 mm	8000 kg
3500 mm	6000 kg
4000 mm	8000 kg
5000 mm	15000 kg
6000 mm	16500 kg

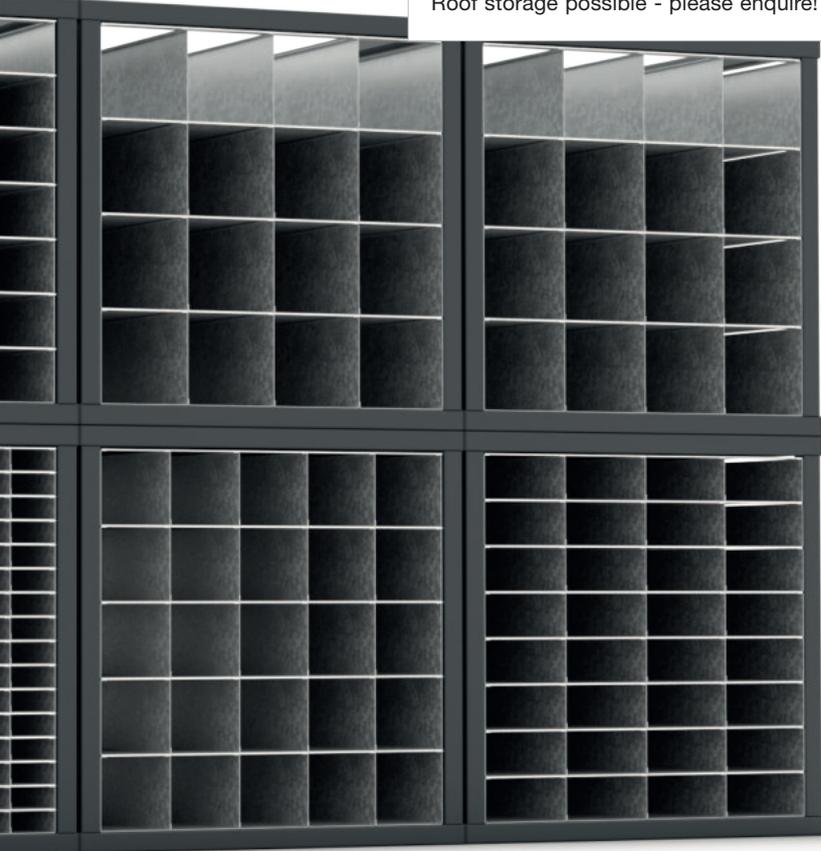
In case you stack two honeycomb shelves of different lengths on top of each other please contact us for more information.



Pictures show additional sheet metal cladding!



**i** Roof storage possible - please enquire!


**Cantilever racking, single sided for honeycomb racking starr**

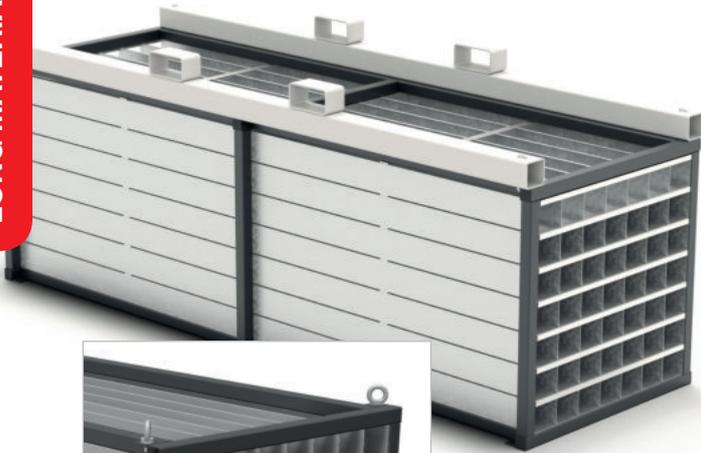
	Type	1000 mm	3000 mm	6000 mm
Number of uprights	pc.	2	3	5
Number of cantilevers	pc.	3	3	3
Load capacity per upright	kg	1000	1000	1000
	Item No.	<b>124.074</b>	<b>124.075</b>	<b>124.076</b>
<b>Price/pc.</b>	€	<b>735,00</b>	<b>919,00</b>	<b>1103,00</b>

**Honeycomb rack starr**

Type	Number of Compartments	Compartment Measurements W x H	1000 x 1000 x 1000 mm		1000 x 3000 x 1000 mm		1000 x 6000 x 1000 mm	
			Load Capacity / Compartment*	Item No.	Load Capacity / Compartment*	Item No.	Load Capacity / Compartment*	Item No.
			St.	mm	kg		kg	
WR starr 16	4 x 4 (16)	222 x 218	107	<b>124.041.Z01</b>	320	<b>124.041</b>	640	<b>124.041.Z06</b>
WR starr 20	4 x 5 (20)	222 x 173	107	<b>124.042.Z01</b>	320	<b>124.042</b>	640	<b>124.042.Z06</b>
WR starr 24	4 x 6 (24)	222 x 143	107	<b>124.043.Z01</b>	320	<b>124.043</b>	640	<b>124.043.Z06</b>
WR starr 28	4 x 7 (28)	222 x 121	107	<b>124.044.Z01</b>	320	<b>124.044</b>	640	<b>124.044.Z06</b>
WR starr 32	4 x 8 (32)	222 x 105	107	<b>124.045.Z01</b>	320	<b>124.045</b>	640	<b>124.045.Z06</b>
WR starr 25	5 x 5 (25)	177 x 173	87	<b>124.046.Z01</b>	260	<b>124.046</b>	520	<b>124.046.Z06</b>
WR starr 30	5 x 6 (30)	177 x 143	87	<b>124.047.Z01</b>	260	<b>124.047</b>	520	<b>124.047.Z06</b>
WR starr 35	5 x 7 (35)	177 x 121	87	<b>124.048.Z01</b>	260	<b>124.048</b>	520	<b>124.048.Z06</b>
WR starr 40	5 x 8 (40)	177 x 105	87	<b>124.049.Z01</b>	260	<b>124.049</b>	520	<b>124.049.Z06</b>
WR starr 36	6 x 6 (36)	147 x 143	70	<b>124.050.Z01</b>	210	<b>124.050</b>	420	<b>124.050.Z06</b>
WR starr 42	6 x 7 (42)	147 x 121	70	<b>124.051.Z01</b>	210	<b>124.051</b>	420	<b>124.051.Z06</b>
WR starr 48	6 x 8 (48)	147 x 105	70	<b>124.052.Z01</b>	210	<b>124.052</b>	420	<b>124.052.Z06</b>
WR starr 49	7 x 7 (49)	125 x 121	60	<b>124.053.Z01</b>	180	<b>124.053</b>	360	<b>124.053.Z06</b>
WR starr 56	7 x 8 (56)	125 x 105	60	<b>124.054.Z01</b>	180	<b>124.054</b>	360	<b>124.054.Z06</b>
WR starr 64	8 x 8 (64)	109 x 105	54	<b>124.055.Z01</b>	160	<b>124.055</b>	320	<b>124.055.Z06</b>
WR starr 128	8 x 16 (128)	109 x 49	20	<b>124.055.Z39</b>	161	<b>124.055.Z76</b>	280	<b>124.055.Z36</b>

\* Shelf load reduced by up to 20 % at full load. Further information available online.

## Accessories honeycomb shelf



Standard with crane eyes for Crane loading equipped



### Transport Traverse

- Ideal for unloading with a forklift truck
- 1 set consisting of 2 traverses

**Design:** Compact welded steel construction including screw connections. Surface: primed.

**On request:** special painting in all RAL-colours - please ask!

	Type	Transport Traverse
Load capacity	kg	2100
Width outside	mm	2980
Depth outside	mm	2 x 100
Total height	mm	180
Fork centre distance	mm	800
inside pocket width	mm	144 x 64
Weight	kg	100
	<b>Item-No.</b>	<b>124.040.Z94</b>
<b>Price / rate</b>	<b>€</b>	<b>110,00</b>

### Mobile version For depth 1000 mm

**Design:** extra charge: consisting of 2 swivel and 2 fixed castors, polyamide Ø 150x50 mm, swivel castors with brakes in the front. Suitable for honeycomb shelving with a depth of 1000 mm. Load capacity reduction to max. 2,000 kg (own weight + payload). Not retrofittable.

	Type	Mobile variant
Height	mm	+ 225 mm
	<b>Item-No.</b>	<b>124.080</b>

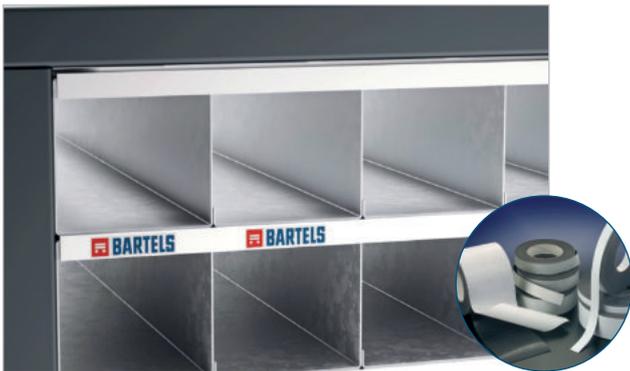
### Signboard

- Ideal for labelling the compartments e.g. with self-adhesive or magnetic labels

**Design:** Made of aluminium or steel.

Please indicate when ordering - not retrofittable!

	Type	Labeling bar	
Design		Alu	Steel
Height	mm	20	ab 16
<b>Price / line</b>	<b>€</b>	<b>2 € / Line</b>	<b>2,60 € / Line</b>



Matching labeling-possibilities for the steel strip can be found online!

### Roof cladding - galvanized

- Reduces soiling of the material in the uppermost honeycombs

Please indicate when ordering - not retrofittable!

	Roof plate	for honeycomb shelf rigid		
Design	mm	1000	3000	6000
<b>Item-No.</b>		<b>124.073</b>	<b>124.071</b>	<b>124.072</b>
<b>Price</b>	<b>€</b>	<b>248,00</b>	<b>397,00</b>	<b>684,00</b>





- 1. Ref.-Nr. 124.000.Z95 (Shelf block)**  
 + 2 x 124.043.Z93 (WR starr)  
 + 2 x 124.036.Z51 (WR Cassette)

Tray L x W x H 6000 x 151 x 159 mm (rigid)  
 compartment L x W x H 6000 x 500 x 400 mm (extendible)  
 Number of shelves 48 fixed and 2 extendable,  
 Honeycomb shelf block with WR cassettes and lever roller holder  
 Total payload: 13600 kg  
 Roof storage prepared for long goods pallets.  
 Load capacity: 5300 kg

- 2. Ref.-Nr. 124.055.Z61**  
 Honeycomb shelf as welded construction  
 Number of compartments 134  
 Total payload 3618 kg

- 2. Ref.-Nr. 124.055.Z61**  
 Honeycomb shelf as welded construction  
 Number of compartments 134  
 Total payload 3618 kg



- 3 Ref.-Nr. 124.041.Z81**  
 compartment W x H 143 x 215 mm  
 Shelf length 1000 mm  
 Number of compartments 3x3  
 With wheels and welded push handles at the front sides  
 Total payload 450 kg



	door for WR
Item-No.	124.072.Z95

## Drawer Rack for lengthy goods

Up to 1000 kg load capacity per drawer

### DRAWER RACK FOR LENGTHY GOODS

#### + YOUR BENEFIT

- Quick access through simple manual pull-out
- Extremely smooth running even under full load
- Low shelf depth for space-saving installation directly against the hall wall

#### DESIGN

The drawers are 2/3 extendable and equipped with maintenance-free ball bearings.

Each drawer has a separate pull-out guard.

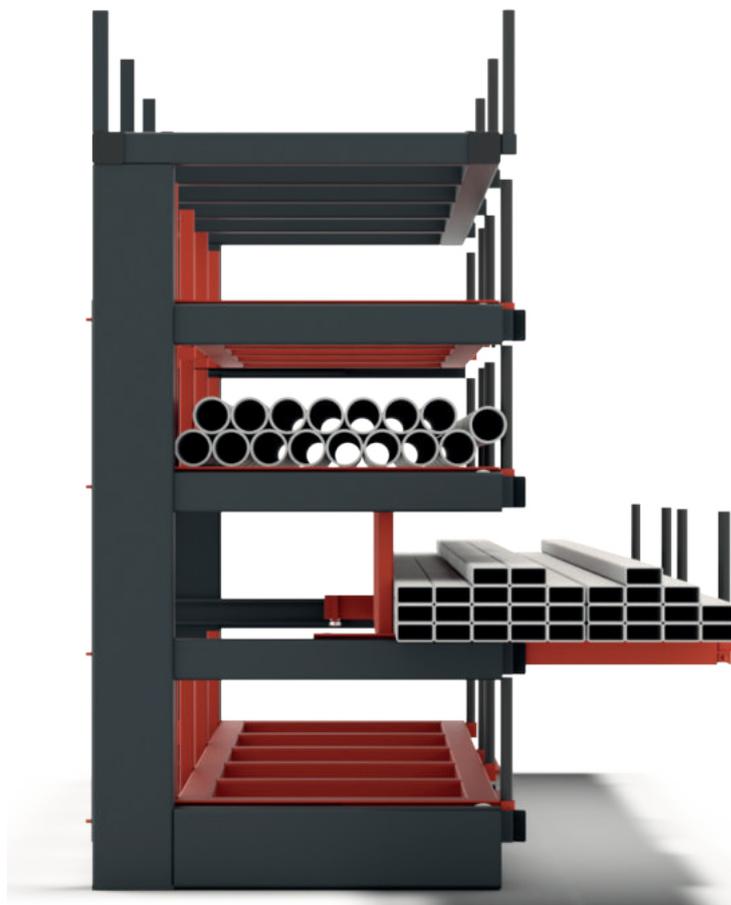
The drawer rack is delivered completely assembled and is dowelled into the floor on site.

The load capacity depends on the shelf depth.

#### On request:

Dimensions and colours available in many versions - please ask!

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#### DESIGN EXAMPLE:

	Type	SRL 3+1	SRL 4+1
Load Capacity / Drawer	kg	1000	1000
Drawer Levels (Incl. Roof Storage)	pc	4	5
Clear Drawer Measurements W x D	mm	4000 x 800	4000 x 800
Drawer Height	mm	300	300
Max. Drawer Pull-Out	mm	483	483
Rack Width	mm	4226	4226
Rack Depth	mm	1072	1072
Rack Depth, extended	mm	1600	1600
Rack Height	mm	1756	2171
Top Level Height above Ground	mm	1456	1871
Weight	kg	836	1037
	Item-No.	126.401	126.402



**CHALLENGE US!**  
**YOU HAVE THE STOCK - WE HAVE THE SOLUTION!**

Systems already built:

Technical Specifications	
Usable Depth / Drawer	max. 1000 mm
Usable Height / Drawer	min. 100 mm
Number of Cassettes (Incl. Roof Storage)	max. 7
Load Capacity / Drawer	max. 1000 kg
Material Length	max. 6000 mm



Matching grippers you will find online!



Type SRL 3+1; Art.-Nr. 126.401.Z92: Version with fixed support arm levels on the back (with plug-in stanchions at the front)

## Long Material Pallet

Up to 2500 kg load capacity per pallet

### LONG MATERIAL PALLET

#### + YOUR BENEFIT

- Optimum protection for the goods
- Ideal for trouble-free storage and safe transportation of lengthy goods
- Storage, transportation, supply
- Space-saving block storage
- Multiple stackable

#### DESIGN

Due to the stable welded long-bar steel construction, the pallets guarantee long life with high load carrying capacity.

The frame can be stacked up to 6-high, thus a flexible and space-saving storage design is achieved.

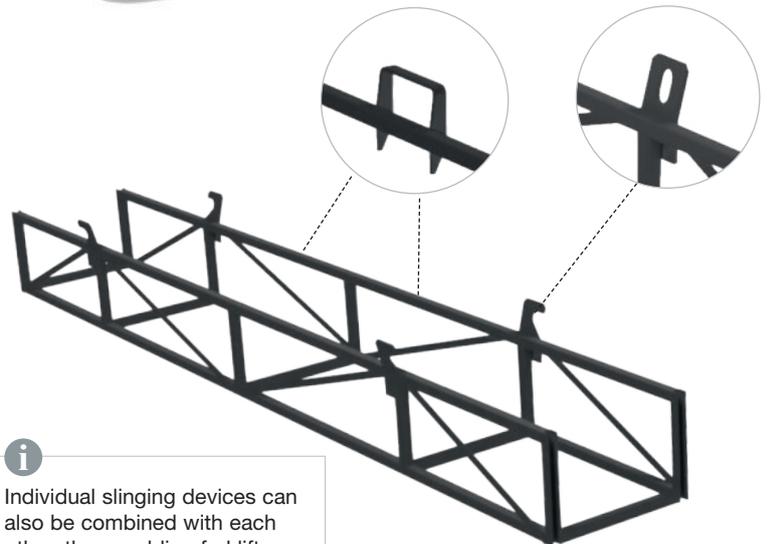
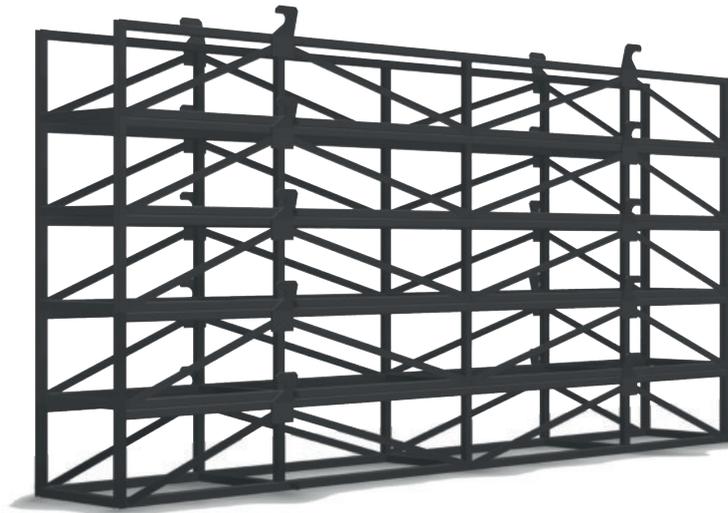
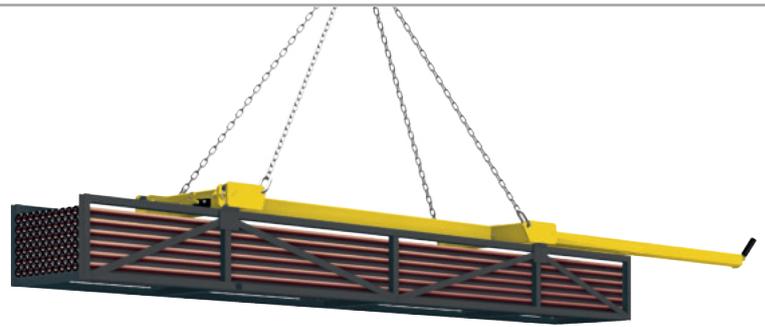
The long goods pallet can be transported in loaded condition by forklift truck, crane with sling chain or crane lifting tongs.

In addition, stacked pallets of long goods can be stored in move empty state by forklift truck.

#### On request:

Also with special painting in all RAL colours possible - please inquire!

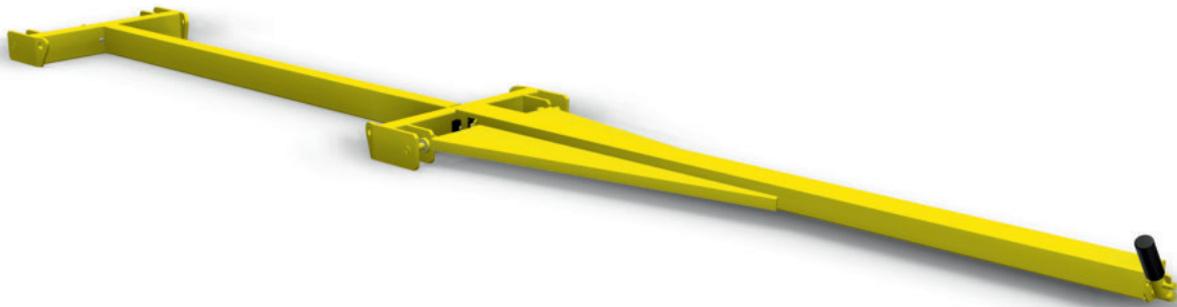
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**i** Individual slinging devices can also be combined with each other, thus enabling forklift and crane operation with the same long goods pallet.

#### DESIGN EXAMPLE:

	Type	LP 1	LP 2	LP 3
Max. Length of Goods	mm	4000 - 6000	5000 - 7500	9000 - 10000
Load Capacity	kg	2500	2500	3500
External Measurements W x H x D	mm	4000 x 670 x 510	5000 x 670 x 510	9000 x 620 x 560
Interior Measurements W x H x D	mm	4000 x 500 x 350	5000 x 500 x 350	9000 x 500 x 350
Weight	kg	91	107	516
	Item-No.	128.005	128.006	128.006.Z61



### Manual crane lifting clamp

For holding the long goods pallets LP-1 and LP-2, equipped with four-point safety locking and single-point suspension.

	Type	MHZ
Load capacity	kg	2600
Dimensions LxWxH	mm	4723 x 715 x 200
recommended operating height	mm	max. 2500
	<b>Item-No.</b>	<b>128.003</b>

### Rope suspensions

	Type	Rope suspensions
	<b>Item-No.</b>	<b>128.007</b>
price / pc	€	<b>370,00</b>



Other loads possible  
- please ask!



### Automatic crane lifting clamp

Automatic pick up of the long goods pallet by the lifting clamp. No need for manual fastening. No interruption of the work - no stop - no waiting - no manual hooking and unhooking. Double suspension (crane trolley with 2 crane hooks) is recommended. Colour: RAL 1021 yellow

	Type	AHZ2600	AHZ4500
Load capacity	kg	2600	4500
Length	mm	5300	6000
Distance between the suspension bolts	mm	2350	2075
Overall height	mm	750	775
Weight	kg	530	675
	<b>Item-No.</b>	<b>128.004</b>	<b>128.004.Z86</b>
price / pc	€	<b>5675,00</b>	<b>price on request</b>

# Drawer Rack for Sheets

Up to 10000 kg load capacity per drawer

## DRAWER RACK FOR SHEETS

### + YOUR BENEFIT

- Optimum use of space in the smallest of spaces with 100% pull-out
- Roll-out mechanism or alternatively electrical pull-out possible = easy access and ideal for crane loading
- Safe handling even for sensitive sheets
- Swivel stem
- Can be expanded with flat pallet magazine and fixed compartments
- Optional ergonomic roll-out bars available
- Loadable on both sides

### • DESIGN

Drawer system made of stable welded steel construction.

The drawers can be safely and easily pulled out 100% by hand, as they run on maintenance-free ball bearing rollers. They have an open base as standard, but can be made with a wooden or steel plate on request.

Floor anchoring necessary!

The shelf can be provided with a roof shelf and is equipped with space-saving retractable stem.

For loads of more than 2000 kg per compartment we recommend our mechanical roll-out mechanism or the electric drive.

#### On request:

Extraction aids, dimensions and paintwork in many designs possible - please ask!

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Optional: With fixed top



### CHALLENGE US!

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#### Systems already built:

Technical Specifications	
Usable Width / Drawer	max. 8000 mm
Usable Depth / Drawer	max. 3000 mm
Usable Height / Drawer	min. 40 mm
Load Capacity / Drawer	max. 10000 kg



**SHEET METAL STORAGE**

Locking Mechanism: Drawers can be locked at full extension to prevent sliding while loading.

**Optional:  
Pull-out bar**

Item-No.
126.250
220,00



For ergonomic compartment pull-out, we recommend the pull-out bar for plugging in and hanging.

**DESIGN EXAMPLE:**

**With swivel stem**

	Typ	Flat floor			with depth supports		
		SRB 20/2	SRB 25/2	SRB 30/2	SRB 20/2	SRB 25/2	SRB 30/2
Sheet Sizes	mm	2000 x 1000	2500 x 1250	3000 x 1500	2000 x 1000	2500 x 1250	3000 x 1500
Load capacity / drawer	kg	2000	2000	2000	2000	2000	2000
Drawer Width	mm	2054	2554	3054	2054	2554	3054
Drawer Depth	mm	1032	1282	1532	1032	1282	1532
Rack Width	mm	2441	2941	3441	2441	2941	3441
Rack Depth	mm	2147	2647	3147	2147	2647	3147
Depth (extension folded away)	mm	1416	1666	1916	1416	1666	1916
Depth (drawers pulled out)	mm	2201	2701	3201	2201	2701	3201
Height	mm	1980	1980	1965	1980	1980	1965
Bottom Drawer Height	mm	200	200	205	200	200	205
Top Drawer Height	mm	1600	1600	1605	1600	1600	1605
Usable Height	mm	125	125	115	65	65	55
Height of the depth supports / number	mm / pc	-	-	-	60/3	60/4	60/5
Number of shelves + roof shelf	pc	8 + 1	8 + 1	8 + 1	8 + 1	8 + 1	8 + 1
	Item-No.	126.277	126.281	126.285	126.278	126.282	126.286

## Drawer rack for sheets References



### Page 34

- 1. Ref.-Nr. 126.285.Z76**  
Shelf W x D 5550 x 1375 mm  
Number of shelves 5 + 1  
With sheet layer and shelf border  
Total load capacity 5400 kg
- 2. Ref.-Nr. 126.285.Z50**  
Shelf W x D 4050 x 1530 mm  
Number of shelves 3  
With e-drive and safety guard  
Total load capacity 9000 kg

### Page 35

- 3. Ref.-Nr. 126.277.Z90**  
Shelf W x D 1850 x 1230 mm  
Number of shelves 6 + 3  
Total load capacity 18000 kg
- 4. Ref.-Nr. 126.277.Z88**  
Shelf W x D 2520 x 1430 mm  
Number of shelves 14 + 1  
With sheet layer and shelf border  
Total load capacity 30000 kg
- 5. Ref.-Nr. 126.285.Z87**  
Shelf W x D 3050 x 1530 mm  
Number of shelves 7 + 1  
With sheet layer and shelf border  
Total load capacity 25000 kg





# Drawer rack for sheets

## References

1. **Ref.-Nr. 126.285.Y71**  
Shelf W x D 3427 x 1500 mm  
Number of shelves 3+1  
Drawer rack combined with honeycomb rack  
Total load capacity 13500 kg
2. **Ref.-Nr. 126.285.Z61**  
Shelf W x D 4050 x 2030 mm  
Number of shelves 12+1  
Total load capacity 26000 kg
3. **Ref.-Nr. 126.275.Z96**  
Shelf W x D 2050 x 1050 mm  
Number of shelves 2+1  
Front edge can be folded down by 90  
Total load capacity 6000 kg
4. **Ref.-Nr. 126.285.Z54**  
Shelf W x D 3050 x 1530 mm  
Number of shelves 6+1  
Loading and unloading with sheet metal gripper  
Total load capacity 14000 kg





5



6

**5. Ref.-Nr. 126.220.Z99**  
**Drawer rack for pallet storage**  
 Shelf W x D 3200 x 1700 mm  
 Number of shelves 5+1  
 Total load capacity 15000 kg

**6. Ref.-Nr. 126.281.Z89**  
 Shelf W x D 2554 x 1282 mm  
 Number of shelves 4+1  
 with sheet support and shelf border  
 Total load capacity 15000 kg

# Flat pallet magazine

Load capacity up to 5000 kg per pallet possible

SHEET METAL STORAGE

## FLAT PALLET MAGAZINE

### + YOUR BENEFIT

- Clear storage of magazines
- Storage, transportation, supply
- Suitable for extremely high loads
- Flat pallets also stackable if required available

### DESIGN

The extremely robust system is designed for the storage of stackable steel pallets, especially for the storage of flat materials and sheet metal packages.

The flat pallets can be handled with a forklift truck completely removable and transportable.

Due to the omission of the otherwise used wood-pallets, more material can be stored at the same rack height.

The pallet can be easily stacked outside the magazine.

The load of the steel pallets is all around in front by means of insertable plastic stanchions, as well as stop plates at the sides and rear secured, in order to ensure a safe transport by forklift truck.

#### On request:

Roof storage, dimensions and colours in many designs possible - please ask!

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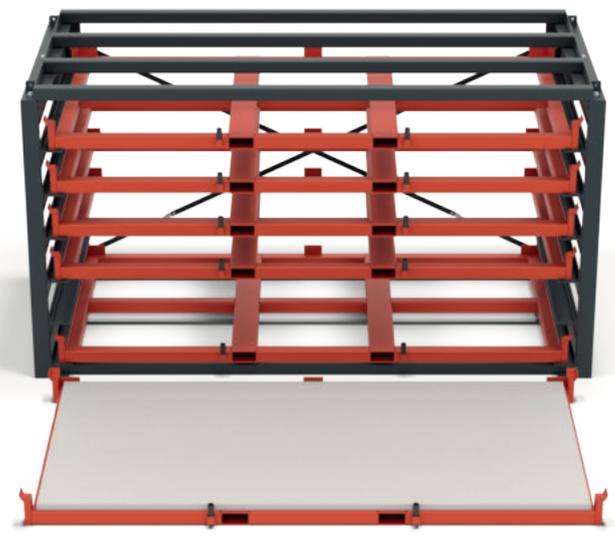


Fig. with stacking corners and optional roof shelf  
Integrated forklift pockets



Integrated forklift pockets



Underbuilt forklift pockets - variant a



Underbuilt forklift pockets - variant a

### CHALLENGE US!

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#### Systems already built:

Technische Angaben	
Usable Width / Level	max. 6200 mm
Usable Depth / Level	max. 2500 mm
Usable Height / Level	min. 40 mm
Number of Levels	max. 15
Load Capacity	max. 5000 kg



### With integrated forklift pockets

	Type	FPM KF	FPM MF	FPM GF
Load Capacity	kg	2000	2000	2000
Overall Measurements W x D x H	mm	2406 x 1100 x 2428	2906 x 1350 x 2188	3406 x 1600 x 2008
Clear Measurements	mm	2050 x 1050 x 130	2550 x 1280 x 90	3050 x 1530 x 60
Number of pallets	pc	6	6	6
Forklift Pockets Center Distance	mm	850	850	850
Clear Forklift Pockets Width	mm	144 x 64	144 x 64	144 x 64
	<b>Item-No.</b>	<b>124.101</b>	<b>124.102</b>	<b>124.103</b>

### With undermounted forklift pockets

	Type	FPM KF	FPM MF	FPM GF
Load Capacity	kg	2000	2000	2000
Overall Measurements W x D x H	mm	2406 x 1100 x 2848	2906 x 1350 x 2608	3406 x 1600 x 2488
Clear Measurements	mm	2050 x 1030 x 130	2550 x 1280 x 90	3050 x 1530 x 60
Number of pallets	pc	6	6	6
Forklift Pockets Center Distance	mm	850	850	850
Clear Forklift Pockets Width	mm	200 x 70	200 x 70	200 x 70
	<b>Item-No.</b>	<b>124.111</b>	<b>124.112</b>	<b>124.113</b>

# Sheet metal storage magazine

Many pallets stored in a space-saving way

SHEET METAL STORAGE

## SHEET METAL STORAGE MAGAZINE

### + YOUR BENEFIT

- Very much storage capacity on little space
- High load capacities in each compartment
- Individually tailored to your needs  
collapsible storage towers

### • DESIGN

The sheet metal storage system ensures efficient utilization of the storage space a compact and economic use for all sheet metal or similar materials.

The shelving system integrates itself modularly and with system, as well as material flow optimizing in Your individual production processes.

The pallets can be completely removed and transported with a forklift truck. The sheet packages can be stored safely and easily without the use of additional wooden pallets.

#### On request:

Dimensions and colours in many designs possible - please inquire!

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	Type	Flat pallets-Magazine LEFT	Flat pallet set	Flat pallets-Magazine RIGHT
Load Capacity / Floor	kg	1500	1500	1500
Number of shelves	pc	7	7	7
Shelf dimensions W x D	mm	3381 x 1350	2941 x 1290	3381 x 1350
Clear Shelf dimensions W x D x H	mm	2841 x 1282 x 60	2841 x 1282 x 60	2841 x 1282 x 60
Pocket centre distance	mm	850	850	850
Light Pocket size	mm	144 x 64	144 x 64	144 x 64
Weight	kg	2616	1575	2515
	Item-No.	124.102.Z94	124.102.Z92	124.102.Z93

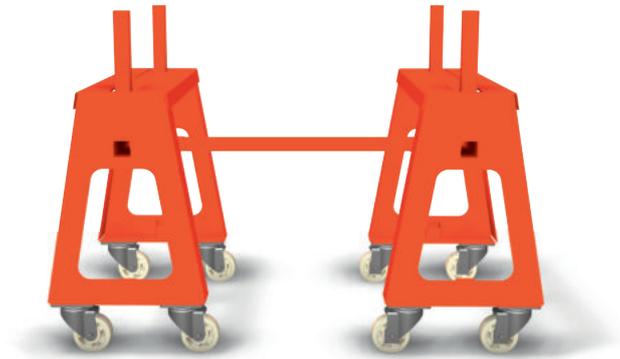
## DEPALLETIZER

for sheet bundles up to 3000 kg

- Individually adjustable to each pallet format
- Can be pushed together to save space when not in use
- Mobile due to 4 swivel castors per support frame
- Can also be moved when loaded

The depalletizer is made of two receiving frames, which are coupled together by a connecting arm. Robust, welded steel construction with four ball-bearing swivel castors per support frame and two total locking devices. Tyres are made of easy-running polyamide wheels, optionally with polyurethane tyres.

Load capacity / pair	kg	3000
Dimensions / piece L x W x H	mm	1000 x 510 x 860
Height with plug-in stanchions	mm	1000 x 510 x 1266
Material dimensions min.	mm	200 x 600
Material dimensions max.	mm	3000 x 1500 depending on the flexibility of the material to be unloaded
	<b>Item-No.</b>	<b>124.201</b>
<b>Price/complete</b>	<b>€</b>	<b>2062,00</b>



SHEET METAL STORAGE



## DEPALLETIZING PIN

- Can be used for any pallet format
- Low-cost alternative to the depalletizer
- Quick and space-saving removal when not in use

The depalletizing plates consist of a base plate and a stanchion welded in the middle.

		1 Set
Dimensions / piece W x D x H	mm	250 x 250 x 410
Stanchion useful height	mm	400
	<b>Item-No.</b>	<b>124.201.Z91</b>
<b>Price for 5 pcs.</b>	<b>€</b>	<b>216,00</b>



# Sheet Metal Storage References

SHEET METAL STORAGE



**Page 42**

**1. Ref.-Nr. 126.285.Z47**  
 Shelf W x D 6370 x 2530 mm  
 Number of shelves 18+1 (of those 6 drawers)  
 E-drive · Total load capacity 40000 kg

**2. Ref.-Nr. 124.101.Z99**  
 Shelf W x D 2000 x 1000 mm  
 Number of shelves 41  
 With drawer rack for sheets and  
 vacuum operated lift system  
 Total load capacity 41000 kg

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**2. Ref.-Nr. 124.101.Z99**  
 Shelf W x D 2000 x 1000 mm  
 Number of shelves 41  
 With drawer rack for sheets and  
 vacuum operated lift system  
 Total load capacity 41000 kg

**3. Ref.-Nr. 126.277.Z90**  
 Shelf W x D 1850 x 1230 mm  
 Number of shelves 6+3  
 With wire mesh guard  
 Total load capacity 54000 kg



**SHEET METAL STORAGE**

2



3

# Compact System

Load capacity up to 5000 kg per shelf

SHEET METAL STORAGE

## COMPACT SYSTEM

### + YOUR BENEFIT

- Ideal for sheet metal or other sheet material
- No foundation required for pillar-mounted slewing crane
- 3-in-1 solution saves acquisition costs and space
- Roll-out mechanism or alternatively electric pull-out possible = easy access and ideal for Crane loading

### • DESIGN

The compact system offers everything needed for handling directly at the machine in a very small space.

The basic rack with swivelling front end forms the basic frame for easy storage and retrieval. On top of the rack there is an extension as buffer storage to increase the storage capacity. Alternatively, the entire system can also be loaded from the rear.

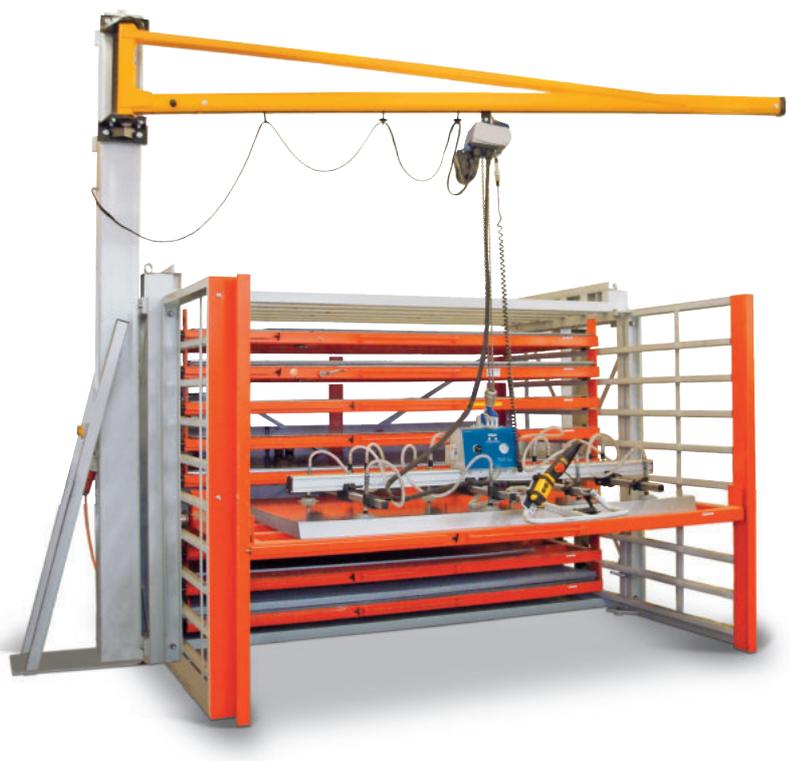
A crane column is located directly on the rack frame, whose swivel arm is equipped with a vacuum lifting device for sheet material.

Alternatively, the superstructure can also be equipped with a flat pallet magazine instead of the rigid roof level. or further storage compartments.

**On request:**  
dimensions and varnishing in many designs possible - please inquire!

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- 3 in 1 Compact System includes:**
1. Drawer rack for sheets with rigid roof storage
  2. Crane pillar with pivoting jib
  3. Vacuum lifting device (optional)



### CHALLENGE US! YOU HAVE THE STOCK - WE HAVE THE SOLUTION!

#### Systems already built:

Technical Specifications	
Usable Depth / Level	max. 6200 mm
Usable Width / Level	max. 2500 mm
Usable Height /Level	min. 40 mm


**DESIGN EXAMPLE:**

	Type	Small format	Medium format	Large format
Load capacity	kg	18000	18000	18000
Load capacity / drawer	kg	2000	2000	2000
Load capacity / roof	kg	2000	2000	2000
Measurements W x H x D	mm	2991 x 1420/2206 x 3500	3491 x 1670/2706 x 3500	3991 x 1920/3206 x 3500
Clear shelf dimensions	mm	2054 x 1032 x 125	2554 x 1282 x 125	3054 x 1532 x 115
Roof storage H x W	mm	125 x 2271	125 x 2771	115 x 3271
Dead weight without crane	kg	1485	1920	2390
Number of shelves + roof shelf	pc	8 + 1	8 + 1	8 + 1
	<b>Item-No.</b>	<b>126.200.Z90</b>	<b>126.200.Z91</b>	<b>126.200.Z92</b>

# Vertical Drawer Rack, Extendable

Load Capacity up to 1000 kg per drawer

## VERTICAL DRAWER RACK

### + YOUR BENEFIT

- Full extension of the drawers
- Sheets can be removed individually per drawer
- Incl. page turning aid - provides a quick overview of the stored sheets
- Gentle storage of particularly high-quality and sensitive materials
- Ideal for small quantities of different size, type and/or quality
- Shelf inclination left or right possible

### • DESIGN

The robust vertical drawer rack provides a good overview thanks to the individually pull-out drawers.

The sheet material stands inclined on a plastic system wall in a continuous sheet metal tray, to prevent slipping.

The included flipping aid allows you to gently flip through different formats in one compartment to be stored and removed.

The shelf has a slide-in guide that prevents the drawer from tilting.

The polyamide rollers are equipped with a foot rollover protection.

#### On request:

Dimensions and colours in many versions possible - please inquire!

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### CHALLENGE US!

**YOU HAVE THE STOCK - WE HAVE THE SOLUTION!**

#### Systems already built:

Technical Specifications	
Usable Width / Drawer	min. 40 mm
Usable Depth / Drawer	max. 4000 mm
Usable Height / Drawer	max. 2000 mm
Number of Drawers	max. 14
Load Capacity / Drawer	max. 1000 kg



Includes scrolling aid for clear and easy material handling



**SHEET METAL STORAGE**

	Type	Small format TRGV-KF5	Medium format TRGV-MF5	Large format TRGV-GF5
Sheet Size	mm	2000 x 1000	2500 x 1250	3000 x 1500
Load Capacity / Drawer	kg	700	700	700
Overall Measurements L x W x H	mm	1277 x 2755 x 1348	1312 x 3255 x 1595	1347 x 3755 x 1843
Clear Measurements L x W x H	mm	90 x 2000 x 1000	90 x 2500 x 1250	90 x 3000 x 1500
Number of Drawers	pc	5	5	5
Leaning		left-leaning	left-leaning	left-leaning
Support width	mm	90	90	90
Shelf height	mm	1000	1250	1500
Weight	kg	725	880	1060
	<b>Item-No.</b>	<b>130.028</b>	<b>130.027</b>	<b>130.026</b>

# Vertical Drawer Rack References

1

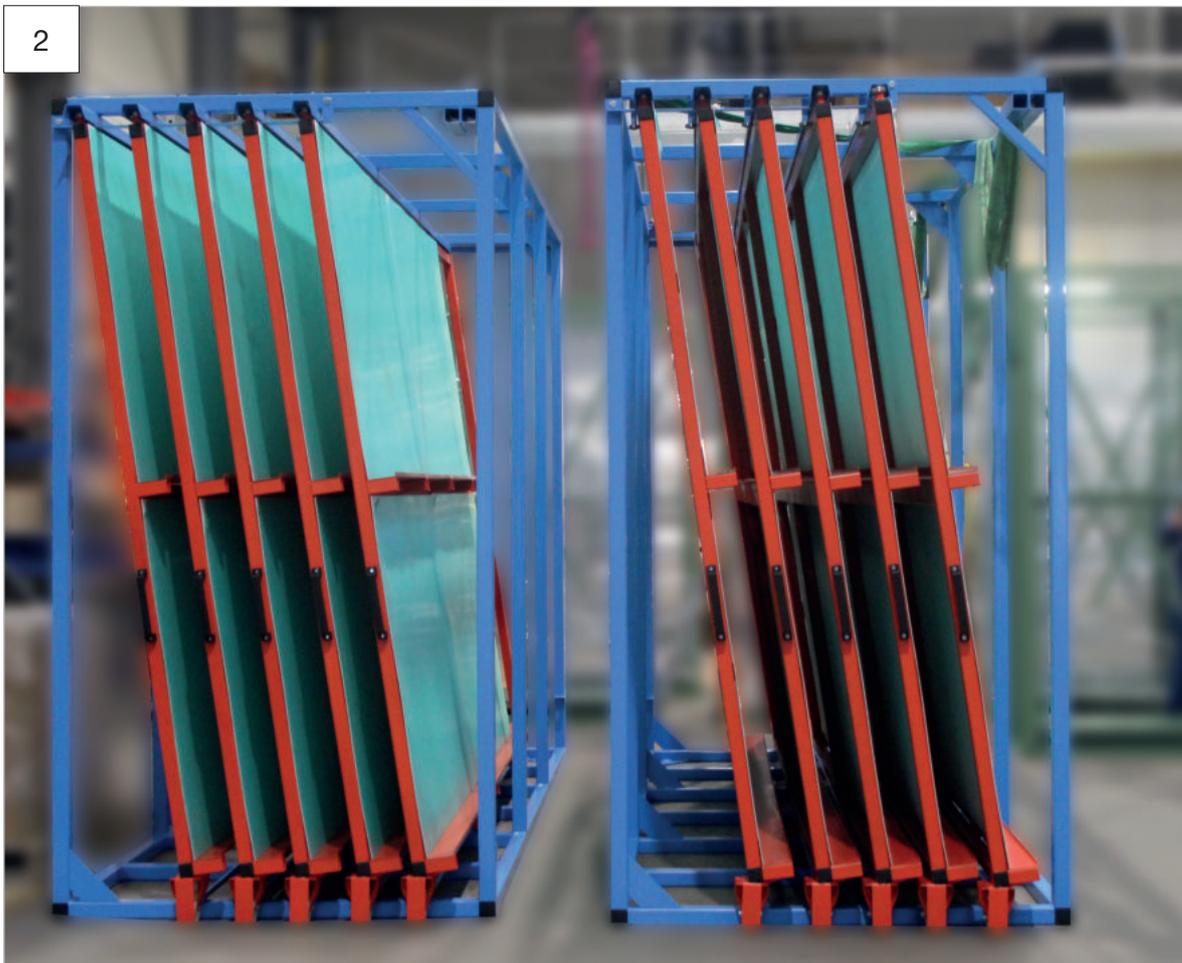


- 1. Ref.-Nr. 130.027.Z87  
Drawer H x D 1595 x 3255 mm  
Number of drawers 12  
Total load capacity 8400 kg

- 2. Ref.-Nr. 130.026.Z50  
Drawer H x D 2x1300 x 3600 mm  
Number of drawers 5  
Total load capacity 2000 kg



2





3



4

**SHEET METAL STORAGE**



5

**3. Ref.-Nr. 130.026.Z97**  
 Drawer H x D 1500 x 3000 mm  
 Number of drawers 8  
 Total load capacity 5600 kg

**4. Ref.-Nr. 130.027.Z93**  
 Drawer H x D 2500 x 2000 mm  
 Number of drawers 5  
 Total load capacity 3500 kg

**5. Ref.-Nr. 130.028.Z98**  
 Drawer H x D 1000 x 2000 mm  
 Number of drawers 6  
 Total load capacity 4200 kg

**6. Ref.-Nr. 130.026.Z98**  
 Drawer H x D 1500 x 3000 mm  
 Number of drawers 5  
 Total load capacity 3500 kg



6

# Sheet metal rack TRG

Load capacity up to 1500 kg per compartment

## SHEET METAL RACK TRG

SHEET METAL STORAGE

### + YOUR BENEFIT

- Ideal for storing individual sheets of metal
- Storage and retrieval vertical standing by crane or hand
- Direct access possible
- Compact design

### • DESIGN

The shelves impress with their compact steel construction and are particularly space-saving.

Several sections can be placed next to each other.

The roller bearing mounted in front of the racks makes it easier to push the metal sheets in and out. The end stop prevents accidental material feed.

#### On request:

Dimensions and colours in many designs possible - please ask!

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### DESIGN EXAMPLE:

	Type	Small format TRG 1	Medium format TRG 2	Large format TRG 3
Load Capacity / Compartment	kg	1500	1500	1500
Number of Compartments	pc	5	5	5
Measurements L x W x H	mm	2085 x 1000 x 1080	2585 x 1000 x 1330	3085 x 1000 x 1580
Compartment Width	mm	140	140	140
Clear Compartment Height	mm	1020	1270	1520
Weight	kg	215	230	250
	<b>Item No.</b>	<b>130.020</b>	<b>130.021</b>	<b>130.022</b>
<b>Price /</b>	<b>€</b>	<b>1976,00</b>	<b>2372,00</b>	<b>2859,00</b>



#### Picture left:

##### Ref.-Nr. 130.022.Z96

Compartment W x H 130 x 1020 mm  
Compartment Length 6000 mm  
Number of compartments 8  
Total load capacity 12000 kg.

#### Picture on the right:

##### Ref.-Nr. 130.022.Z94

Compartment top W x H 140 x 150 mm  
Compartment bottom W x H 140 x 1600 mm  
Compartment length 3000 mm  
Number of compartments 5 + 5  
Total load capacity 8250 kg



## SHEET METAL RACK LIGHT

### + YOUR BENEFIT

- Ideal for storing individual sheets and leftover pieces
- Direct access possible
- Clear storage of sheet material
- Easy removal of the material via the integrated smooth running steel roller

### • DESIGN

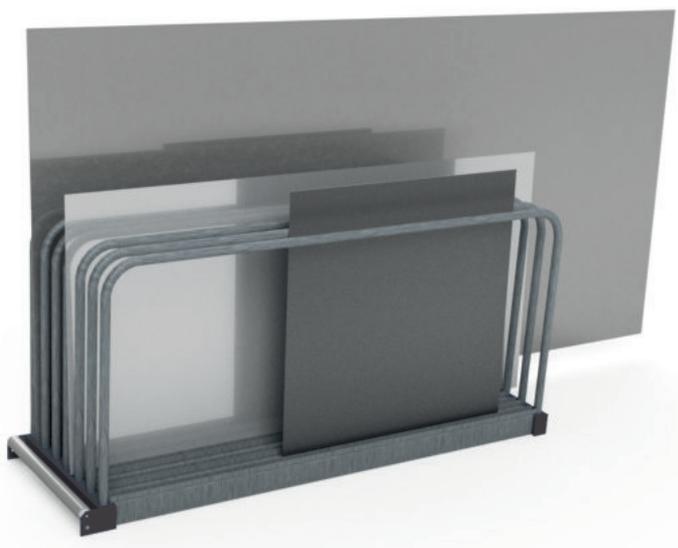
Galvanized steel construction. One front side with smooth-running steel roller for storing and removing the panels. Pluggable compartment divider brackets made of tubular steel. Sheet steel floor with plate guides.

**Surface:** Shelf divider brackets and galvanised sheet steel shelf. Mounting of the smooth-running steel roller - blue.

Other colours without additional charge as shown - please specify when ordering!

Delivery is unassembled.

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SHEET METAL STORAGE

Variant 1  
Mounted brackets



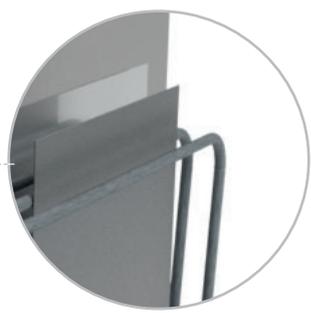
Variant 2  
Increases the shelf width and facilitates the removal



	Type	Variant 1	Variant 2
Total capacity	kg	4200	4200
Load capacity / compartment	kg	700	700
number of compartments	pc	6	6
Dimensions W x D x H	mm	670 x 2030 x 1000	670 x 2030 x 1000
Clear professional dimensions W x D x H (stirrup height)	mm	45 x 2000 x 910	65 x 2000 x 910
For formats min.	mm	2000 x 1000	2000 x 1000
For formats max.	mm	3000 x 2000	3000 x 2000
Weight	kg	122	122
	<b>Item No.</b>	<b>130.030</b>	<b>130.031</b>
<b>Price</b>	<b>€</b>	<b>1612,00</b>	<b>1842,00</b>



Easy removal of the material via the integrated smooth running steel roller



Variant 2 increases the shelf width

# Sheet metal rack TR

Load capacity up to 2000 kg per compartment

## SHEET METAL RACK TR

SHEET METAL STORAGE

### + YOUR BENEFIT

- Ideal for storing heavy metal sheets
- Storage and retrieval vertical standing by crane or hand
- Dividers are walkable
- Extendable

### • DESIGN

The shelves impress with their compact steel construction and are particularly space-saving.

The rack is bolted or welded depending on the size of the system.

#### On request:

Dimensions and colours in many designs possible - please ask for details!

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### DESIGN EXAMPLE:

	Type	Small format TR 1	Medium format TR 3	Large format TR 5	TR V Connecting Component
Load Capacity / Compartment	kg	2000	2000	2000	2000
Number of Compartment	pc	1	3	5	(1)
Measurements L x W x H	mm	916 x 2000 x 711	1832 x 2000 x 711	2748 x 2000 x 711	Wide 2000
Compartment Width Top / Bottom	mm	150 / 200	150 / 200	150 / 200	150 / -
Divider Width	mm	250	250	250	-
Weight	kg	120	278	440	42
	<b>Item No.</b>	<b>130.001</b>	<b>130.002</b>	<b>130.003</b>	<b>130.009</b>
<b>Price</b>	<b>€</b>	<b>648,00</b>	<b>1220,00</b>	<b>1683,00</b>	<b>157,00</b>



#### Picture left:

##### Ref.-Nr. 130.003.Z93

Compartment W x H 60/250 x 1100 mm  
 Compartment length 7500 mm  
 Number of compartments 9  
 Compartment load capacity: 8000 kg  
 Total load capacity 72000 kg

#### Picture on the right:

##### Ref.-Nr. 130.015

One example of the racks we built according to our customers' requirements.



## Plate rack for adjustable bearing brackets

- Overview in production and warehouse
- Board material fast and mobile at every workplace

**Design:** Solid steel construction, wooden platform, 7 adjustment options for insertable brackets (please order separately), clear bracket spacing 90 mm. 2 swivel and 2 fixed castors Ø 200 mm, TPE tyres, hubs with grooved ball bearings (750 kg) or blue-grey solid rubber elastic tyres with ball bearings (1200 kg), swivel castors with brakes according to EN 1757-3. Colour: powder coated blue RAL 5007.



Delivery without insertion bracket - please order separately!

### Plate stand without brackets

Type	Pay-load	Loading platform L x W	External dimensions L x W x H	Item No.	Price / piece
	kg	mm	mm		€
4363	1200	1200 x 800	1365 x 800 x 100	312.359	262,00
4365	1200	1600 x 800	1765 x 800 x 100	312.360	351,00

### Plate trolleys without brackets

Payload	Loading platform L x W	External dimensions L x W x H	Storage type	Item No.	Price / piece
kg	mm	mm			€
750	1200 x 800	1320 x 800 x 295	Grooved ball	312.334	277,00
1200	1200 x 800	1320 x 800 x 295	ball	312.335	354,00
750	1600 x 800	1720 x 800 x 295	Grooved ball	312.336	362,00
1200	1600 x 800	1720 x 800 x 295	ball	312.337	438,00

### Insertion bracket

Length	Height	Item No.	Price / piece
mm	mm		€
1200	300	312.338	21,00
1200	600	312.339	22,00
1200	900	312.340	24,00
1600	300	312.341	23,00
1600	600	312.342	24,00
1600	900	312.343	26,00

### Plate trolleys with fixed tubular brackets

- Ideal as assembly trolley

**Design:** Welded tubular and sectional steel, bolted body, powder coated blue RAL 5007, platform made of derived timber material boards, surface beech decor. 2 swivel and 2 fixed castors, TPE tyres, hubs with deep groove ball bearings, swivel castors with wheel stops. System height: 1050 mm, retaining bracket height: 300 mm.

Type	Pay-load	External dimensions L x W x H	Loading platform L x W	Item No.	Price / piece
	kg	mm	mm		€
4411	600	1070 x 610 x 1321	1070 x 335	313.030	236,00
4412	600	1070 x 710 x 1321	1070 x 435	313.031	241,00
4413	600	1270 x 810 x 1321	1270 x 535	313.032	262,00



Version with insertable brackets, height 300, 600 and 900 mm



Plate trolleys Version with insertable brackets, height 300, 600 and 900 mm

**Extra charge:**  
Pallet feet for plate stands for use with forklift or pallet truck.

Underclearance	Item No.	extra charge €
100 mm	312.369	72,00



# Heavy Duty Drawer Rack, rigid

Load capacity up to 1500 kg per drawer

## HEAVY DUTY DRAWER RACK

### + YOUR BENEFIT

- Convenient, easily accessible storage of tools, motors, heavy and bulky objects even at the very back of the shelf
- Compact storage of goods by crane operation
- No assembly costs, since ready-made installation units are supplied

### ● DESIGN

The heavy duty rack with shelf pull-out protection is an extremely robust and high-quality Drawer system for safe storage of motors, dies, tools and similar products.

The maintenance-free ball bearings guarantee good running properties of the compartments, even at maximum load.

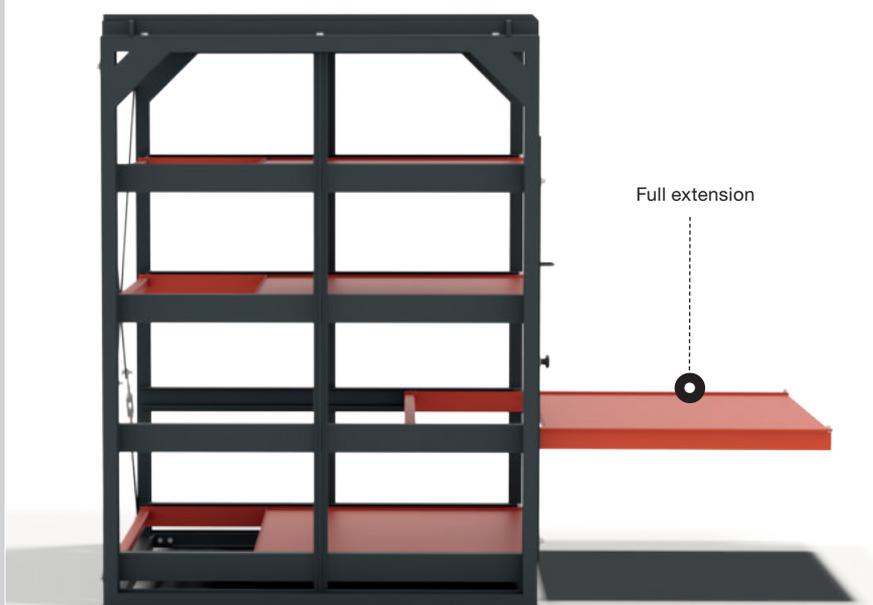
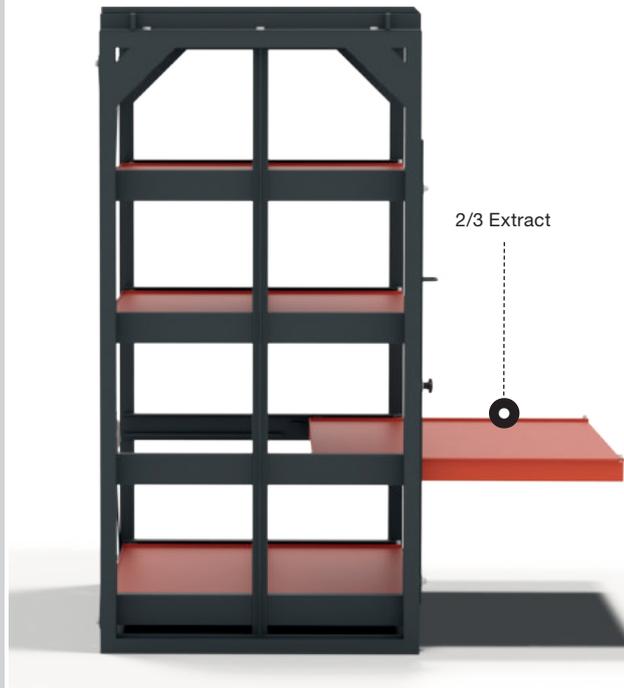
The compartments are optionally supplied with 2/3 or full.

Overview and quick access: Even bulky parts can be placed within easy reach on the extendable stored in compartments. Time consuming Moving heavy parts is not necessary.

#### On request:

Dimensions and colours in many versions possible  
- please inquire!

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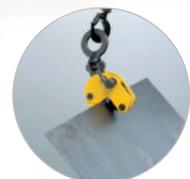
**HEAVY DUTY STORAGE**



Design with up to 5 drawers with safety slide lock.



Design with 5 drawers or more with individual lock for each drawer.



Matching grippers you will find online!

	Type	SR 50/10	SRV 50/10	SR 100/10	SRV 100/10	SR 50/12	SRV 50/12	SR 100/12	SRV 100/12
Load Capacity / Drawer	kg	500	500	1000	1000	500	500	1000	1000
Drawer Measurements W x D	mm	1000 x 800	1000 x 800	1000 x 800	1000 x 800	1200 x 1000	1200 x 1000	1200 x 1000	1200 x 1000
Clear Drawer Height	mm	403	403	403	388	403	403	403	388
Number of Drawers	pc	4	4	4	4	4	4	4	4
Measurements W x D x H	mm	1236 x 815 x 2000	1270 x 1215 x 2000	1270 x 815 x 2000	1310 x 1215 x 2000	1436 x 1015 x 2000	1470 x 1515 x 2000	1470 x 1015 x 2000	1510 x 1515 x 2000
Drawer Extension	mm	510	800	510	800	660	1000	660	1000
Extension		2/3	voll	2/3	voll	2/3	voll	2/3	voll
Weight	kg	333	450	367	527	419	546	459	640
	<b>Item No.</b>	<b>126.002</b>	<b>126.008</b>	<b>126.003</b>	<b>126.009</b>	<b>126.005</b>	<b>126.011</b>	<b>126.006</b>	<b>126.012</b>
<b>Price / piece</b>	<b>€</b>	<b>4242,00</b>	<b>4729,00</b>	<b>4287,00</b>	<b>5003,00</b>	<b>4588,00</b>	<b>5221,00</b>	<b>4725,00</b>	<b>5762,00</b>

# Heavy Duty Drawer Rack References



1. **Ref.-Nr. 126.009.Z89**  
Drawer W x D 890 x 530 mm · Number of drawers 6+1  
With front panels and handles  
Total load capacity 7000 kg
2. **Ref.-Nr. 126.008.Z94**  
Drawer W x D 750 x 750 mm · Number of drawers 3+1  
With opening 500 x 500 mm · Total load capacity 4000 kg
3. **Ref.-Nr. 126.005.Z78**  
Drawer W x D 1306 x 1055 mm · Number of drawers 3  
Total load capacity 1500 kg.
4. **Ref.-Nr. 126.012.Z70**  
Drawer W x D 3060 x 1540 mm · Number of drawers 16
5. **Ref.-Nr. 126.011.Z86**  
Drawer W x D 1950 x 900 mm · Number of drawers 5  
With V-blocks · Total load capacity 2000 kg
6. **Ref.-Nr. 126.011.X32**  
Drawer W x D 2000 x 1000 mm · Number of drawers 2  
With roof storage · Total load capacity 600 kg
7. **Ref.-Nr. 126.006.Z53**  
Drawer W x D 1200 x 1000 mm · Number of drawers 5+1  
With sheet metal covering · Total load capacity 6000 kg
8. **Ref.-Nr. 126.011.X34**  
Drawer W x D 1650 x 650 mm · Number of drawers 8  
With roller shutter · Total load capacity 1200 kg
9. **Ref.-Nr. 126.005.Z83**  
Drawer W x D 960 x 995 mm · Number of drawers 4  
With sheet metal covering · Total load capacity 2000 kg
10. **Ref.-Nr. 126.002.Z92**  
Drawer W x D 700 x 1150 mm · Number of drawers 2+1



5



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7



8

**HEAVY DUTY STORAGE**



9



10

# Heavy Duty Rack flex

Load capacity up to 600 kg per drawer

## HEAVY DUTY RACK FLEX

### + YOUR BENEFIT

- System expandable through cultivation fields
- Compact storage of goods by crane or forklift handling
- Shelf height can be individually adjusted according to requirements
- Easy pull-out with pull-out protection - only one compartment can be pulled out at a time

### • DESIGN

The flexible heavy duty rack with central locking is an extremely robust and high-quality plug-in system for the safe storage of heavy loads.

The shelving system can be flexibly combined and extended as a basic and add-on unit.

The drawers are individually height-adjustable in 50 mm increments.

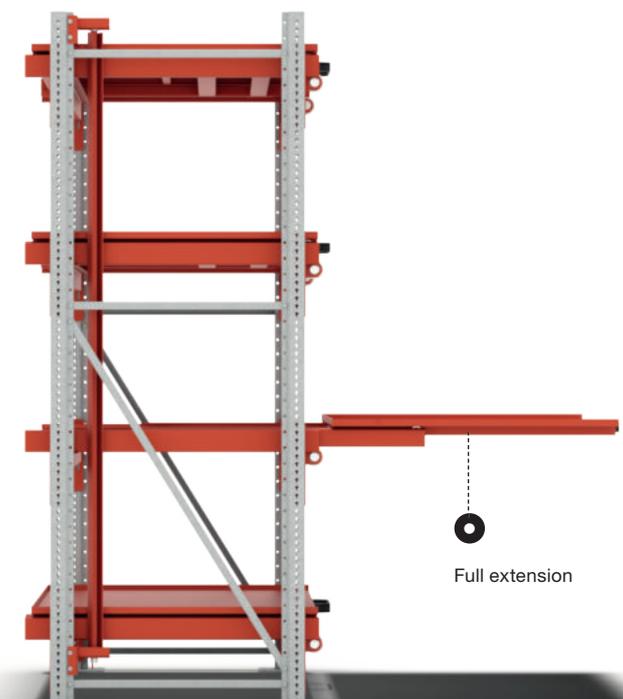
The double guides with ball bearings on both sides ensure good running characteristics of the drawers even at maximum load.

The compartments are optionally supplied with 2/3 or 100% extension.

#### On request:

Dimensions and colours in many versions possible  
- please inquire!

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**i** Optionally available:

- Sheet metal cladding
- Prisms
- Higher edge

## Accessories

### Drawer 2/3 pull-out



Designation	Item No.	Price €
For 800 mm: 600 kg load capacity	<b>126.607</b>	<b>774,00</b>
For 1100 mm: 600 kg load capacity	<b>126.107</b>	<b>774,00</b>

### Full-extension drawer



Designation	Item No.	Price €
For 800 mm: 350 kg load capacity	<b>126.608</b>	<b>1229,00</b>
For 1100 mm: 350 kg load capacity	<b>126.108</b>	<b>1286,00</b>

### Fixed compartment as roof storage



Designation	Item No.	Price €
For 800 mm: 1000 kg load capacity	<b>126.603</b>	<b>517,00</b>
For 1100 mm: 1000 kg load capacity	<b>126.103</b>	<b>517,00</b>

Type		Frame depth 800 mm				Frame depth 1100 mm			
		2/3 Extract Basic field	2/3 Extract Field of cultivation	100% Extract Basic field	100% Extract Field of cultivation	2/3 Extract Basic field	2/3 Extract Field of cultivation	100% Extract Basic field	100% Extract Field of cultivation
Load capacity / compartment	kg	600	600	350	350	600	600	350	350
Shelf dimensions W x D	mm	1210 x 900	1210 x 900	1210 x 900	1210 x 900	1010 x 1200	1010 x 1200	1010 x 1200	1010 x 1200
Number of Drawers	Stück	4	4	4	4	4	4	4	4
Shelf height	mm	2200	2200	2200	2200	2200	2200	2200	2200
Drawer extract	mm	592	592	900	900	813	813	1200	1200
Shelf width incl. footplates	mm	1505	1393	1505	1393	1305	1193	1305	1193
Shelf width without footplates	mm	1450	1365	1450	1365	1250	1165	1250	1165
Shelf depth	mm	985	985	985	985	1285	1285	1285	1285
	Item No.	<b>126.601</b>	<b>126.602</b>	<b>126.605</b>	<b>126.606</b>	<b>126.101</b>	<b>126.102</b>	<b>126.105</b>	<b>126.106</b>
Price / pc.	€	<b>3286,00</b>	<b>2982,00</b>	<b>5193,00</b>	<b>4982,00</b>	<b>3602,00</b>	<b>3306,00</b>	<b>5648,00</b>	<b>5381,00</b>

# Heavy Duty Drawer Rack References

1. **Ref.-Nr. 126.101.Z74**  
Drawer H x D 1010 x 1200 mm  
Number of drawers 4  
with sheet metal covering and roller shutter  
Total load capacity 4000 kg
2. **Ref.-Nr. 126.101.Z96**  
Drawer H x D 1200 x 1200 mm  
Number of drawers 4  
with individual layer  
Total load capacity 4000 kg
3. **Ref.-Nr. 126.101.Z82**  
Drawer H x D 1010 x 1230 mm  
Number of drawers 4  
with sheet support and shelf border  
Total load capacity 4000 kg
4. **Ref.-Nr. 126.101.Z95**  
Drawer H x D 1200 x 1200 mm  
Number of drawers 4  
with sheet metal covering  
Total load capacity 4000 kg
5. **Ref.-Nr. 126.101.Z88**  
Drawer H x D 1010 x 1200 mm  
Number of drawers 5+2  
Total load capacity 7000 kg



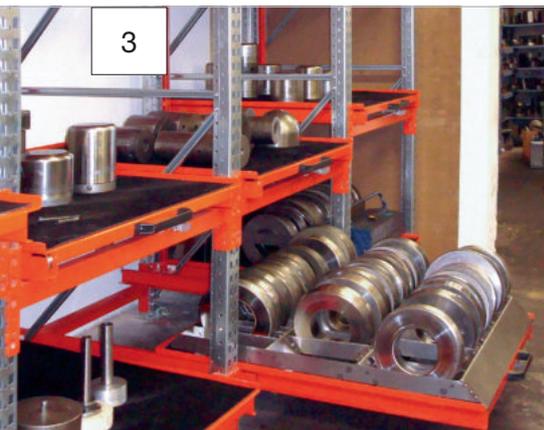
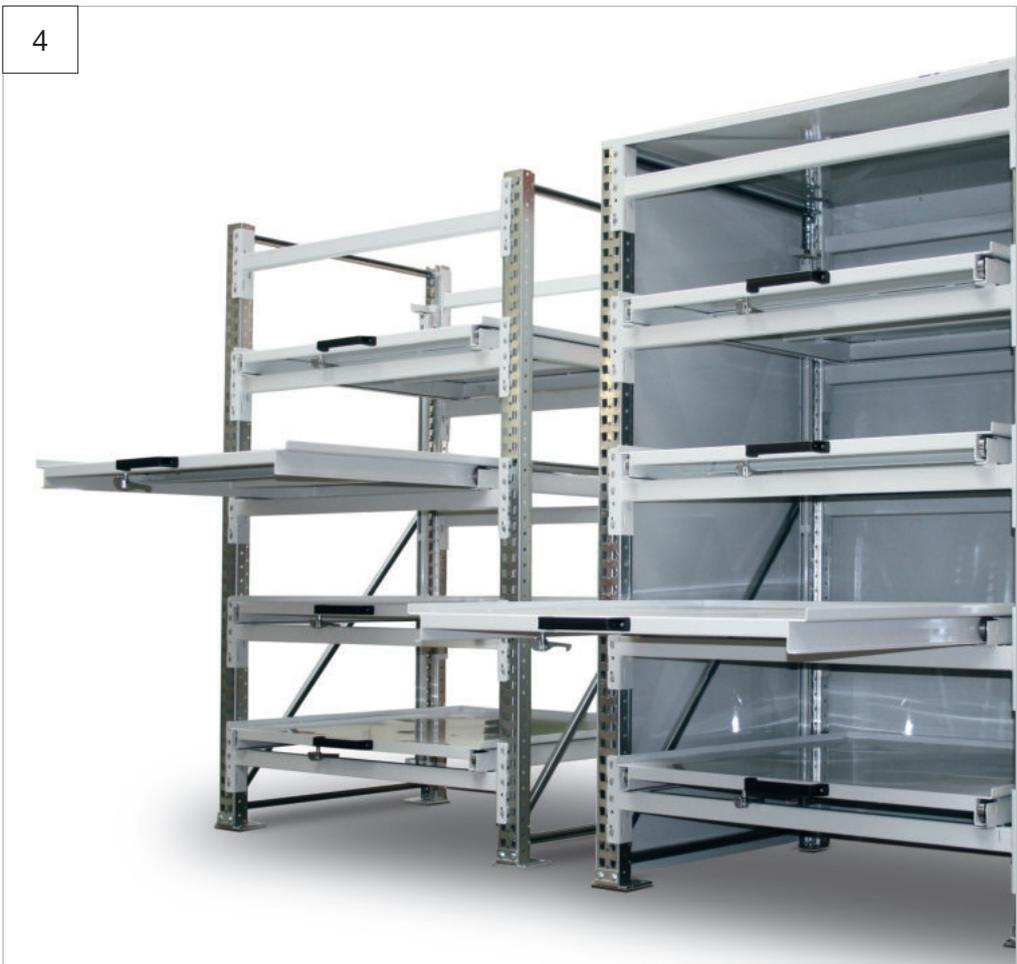
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HEAVY DUTY STORAGE



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**HEAVY DUTY STORAGE**

# Heavy duty rack

Load capacity up to 2000 kg per drawer

## HEAVY DUTY RACK

### + YOUR BENEFIT

- Drawers can be moved in 90 mm increments
- Can be extended as required by means of attachment fields
- Drawers with safety stop
- Ideal for storing expensive and bulky machine elements, engines, valves and metal parts

### DESIGN

Robust steel construction with perforated support posts which allow the drawers to be moved in the 90 mm grid to the desired height to make this possible.

Modular system that can be extended or modified at will with the help of add-on modules.

All drawers are equipped with a front safety stop as standard.

Basic and add-on panel consisting of:

- 1 steel frame construction
- 2 compartments 1250x1000 mm / 100 % extension / 2,000 kg
- 1 Fixed roof shelf 1250x1000 mm / 2,000 kg

or rather

- 1 steel frame construction
- 2 compartments 1250x1000 mm / 63 % extension / 2,000 kg
- 1 Fixed roof shelf 1250x1000 mm / 2,000 kg

#### On request:

Dimensions and colours in many versions possible - please inquire!



### Shelf with 63 % pull-out

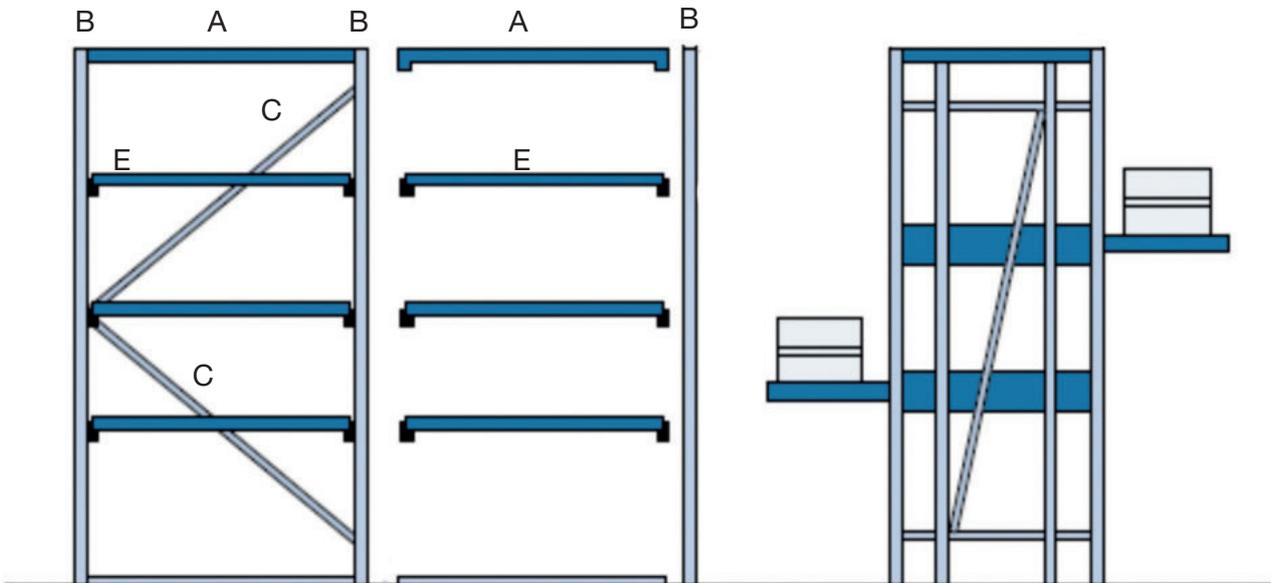
Type		Basic field	add-on panel
Load capacity / drawer	kg	2000	2000
Overall dimensions W x D x H	mm	1400 x 1040 x 2015	1400 x 1040 x 2015
Shelf dimensions W x D	mm	1250 x 1000	1250 x 1000
Shelf height	mm	740/705	740/705
number of compartments	pc	2	2
Shelf extract	mm	2 x 63 %	2 x 63 %
Shelf depth	mm	1040	1040
	<b>Item No.</b>	<b>357.740</b>	<b>357.741</b>
<b>Price / pc.</b>	<b>€</b>	<b>4945,00</b>	<b>4529,00</b>

### Shelf with 100 % extension

Type		Basic field	add-on panel
Load capacity / drawer	kg	2000	2000
Overall dimensions W x D x H	mm	1400 x 1040 x 2015	1400 x 1040 x 2015
Shelf dimensions W x D	mm	1250 x 1000	1250 x 1000
Shelf height	mm	815/795	815/795
number of compartments	pc	2	2
Shelf extract	mm	2 x 100 %	2 x 100 %
Shelf depth	mm	1040	1040
	<b>Item No.</b>	<b>357.742</b>	<b>357.743</b>
<b>Price / pc.</b>	<b>€</b>	<b>6549,00</b>	<b>6135,00</b>

### Accessories

Type		Additional shelf 63% Extract	Additional shelf 100% extract	Handgrip
Load capacity / drawer	kg	2000	2000	-
	<b>Item No.</b>	<b>357.737</b>	<b>357.738</b>	<b>357.739</b>
<b>Price / pc.</b>	<b>€</b>	<b>1046,00</b>	<b>1850,00</b>	<b>277,00</b>


**HEAVY DUTY STORAGE**


Front view basic rack and add-on module

 Side view  
 Double-sided pull-out 63%

- A = Roof storage
- B = Lateral frames each 90 mm
- C = 1 set of connecting struts
- D = Front view
- E = Drawers according to customer specifications

Three different compartment variants available:

1. drawer with 63% extension - one-sided
2. drawer with 63% extension - on both sides
3. drawer with 100% extension - single-sided

# Storage tower

## For long goods, sheet metal or heavy loads



**L-Tower**  
for long goods



**B-Tower**  
for sheets



**S-Tower**  
For heavy loads

### Our Tower Variants:



**Single tower**



**Double Tower**



**Multitower**

- Sheet metal, long goods or the heavy load tower in 3 different variants, depending on your material volume
- Proprietary software allows complete control over shelf contents and weight of stored goods
- Ideal where space is limited, as the room height is used
- Fast material availability without physical effort
- Individually designed and manufactured according to your needs
- Loadable with forklift or crane
- The storage towers can optionally be integrated into your merchandise management system

Storage design	Storage material	Dimensions	Weight	Possible tower designs
B-Tower	Sheets, plate material	1250 x 2500 mm; 1500 x 3000 mm; 2000 x 3000 mm; 2000 x 4000 mm	3000 kg 5000 kg	Single, Double and Multitower
L-Tower	Long goods	1000 x 6500 mm	3000 kg 5000 kg	Double and Multitower
S-Tower	Pallets, heavy loads, Special versions	2000	3000 kg 5000 kg	Single, Double and Multitower

**HEAVY DUTY STORAGE**

## Pull-out shelf unit

Load capacity up to 300 kg



Pic. shows three shelf elements

### Pull-out shelf unit

Extendable 100%

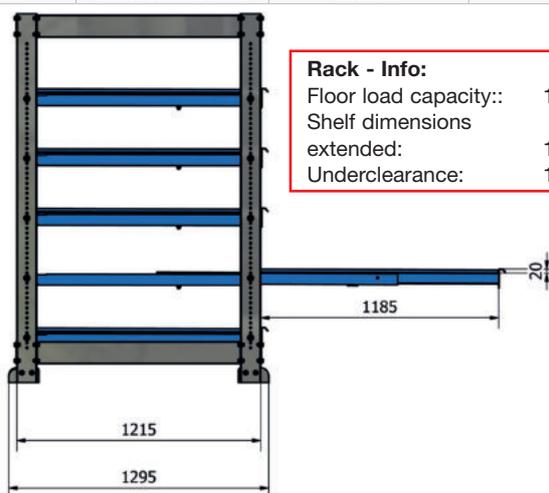
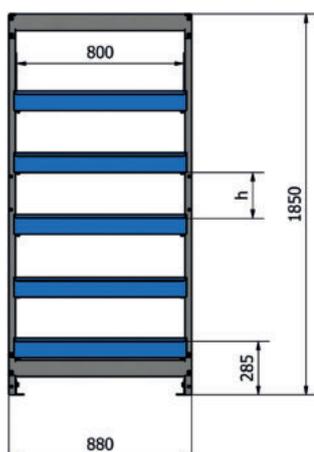


Also in special sizes, on rollers, different colors, in galvanized variant and doors / full cladding available.

- Moveable by hand pallet truck
- Drawers correspond to the Euro pallet dimensions 1200 x 800 mm
- Perforated support posts allow the drawers to be moved to the desired height.
- Also available in special sizes, different colours and in a galvanized version.
- Colour: Galvanized frame, drawers RAL 5010 gentian blue
- With its outer width of 88 cm, the compact rack is adapted to the dimensions of a pallet rack and therefore fits exactly between the support posts of a pallet rack with a 90 cm wide cross beam. Exactly three compact racks fit under a 270 cm cross beam.
- Can also be driven under with a forklift truck
- Shelf is delivered completely assembled!

### Shelf CML with 100 % extract - 150 kg load capacity

Type	Number of drawers		Load capacity	Shelf height	Dimensions W x D Drawer	Weight	Dimensions W x D x H	Item No.	Price / pc.
	St.	kg							
CML-100.4	4	150	295	mm	800 x 1200	250	880 x 1308 x 1850	357.713	3219,00
CML-100.5	5	150	220	mm	800 x 1200	295	880 x 1308 x 1850	357.714	3981,00
CML-100.6	6	150	170	mm	800 x 1200	340	880 x 1308 x 1850	357.715	4516,00



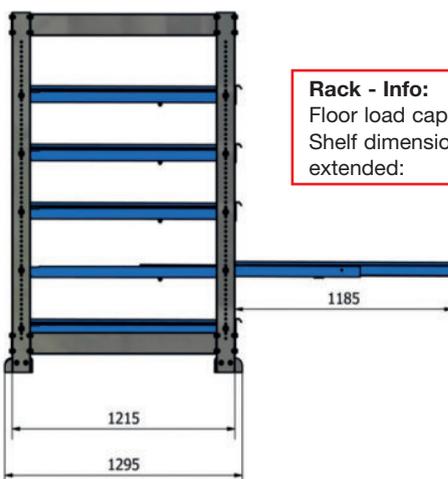
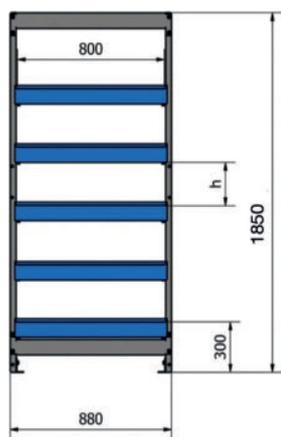
#### Rack - Info:

Floor load capacity:: 150 kg g.v.L  
Shelf dimensions extended: 1185 mm  
Underclearance: 100 mm

### Shelf CMM with 100 %-extract - 300 kg load capacity

Type	Number of drawers		Load capacity	Shelf height	Dimensions W x D Drawer	Weight	Dimensions W x D x H	Item No.	Price / pc.
	St.	kg							
CMM-100.4	4	300	275	mm	800 x 1200	880 x 1295 x 1850	880 x 1308 x 1850	357.720	3835,00
CMM-100.5	5	300	200	mm	800 x 1200	880 x 1295 x 1850	880 x 1308 x 1850	357.721	4056,00
CMM-100.6	6	300	150	mm	800 x 1200	880 x 1295 x 1850	880 x 1308 x 1850	357.722	4474,00

PALLET RACKING DRAWERS



#### Rack - Info:

Floor load capacity:: 300 kg g.v.L  
Shelf dimensions extended: 1185 mm

On the following pages you will find our:

# Pull-Out-System for Pallets

## Ergonomic work on the pallet rack!



### Get more out of your pallet rack!

With our pallet extensions and floor drawers you can work ergonomically on your racking system.



### Full compartment utilization!

Pull out the compartments with a max. load of 1000 kg up to 100 % by hand.



### Convenient work on the shelf

Due to the simple pull-out of the compartments, lateral loading is no problem.



### Shelves

Drawers with steel shelves can be converted into full-fledged shelves with the help of pallet frames.



Easy to integrate into your existing shelving system

# Pull-Out System for Pallets

for up to 1000 kg per drawer



## Technical notes:

In the case of one-sided extension, the front crosshead must have a higher load-bearing capacity than the drawer load.

The traverses must be designed for these forces. If necessary, check with the supplier of the pallet rack.

**Regular concrete screws are not sufficient for fastening the pallet rack and must be replaced by floor anchors.**

*If drawers are installed on top of each other and/or side by side, only one drawer may be extended at a time.*

Drawers that are pushed in must be securely locked. The pallet rack must be anchored to the floor. The crossbars must be bolted to the frame.



PALLET RACKING DRAWERS

### Traverse load - All load capacities apply to uniformly distributed loads!

Type	Load capacity	approx. extension	Min. load capacity per traverse pair			
			L = 900/950 mm	L = 1350 mm	L = 1800 mm	L = 2700 mm
UE-370	300 kg	70%	836 kg		1168 kg	1500 kg
UE-670.2	700 kg	70%	1856 kg		2592 kg	3328 kg
UE-870	800 kg	70%	2108 kg		2946 kg	3784 kg
UE-17415	1000 kg	62%	2476 kg		3514 kg	4552 kg
UE-17404	600 kg	62%	1880 kg		2668 kg	3456 kg
UE-17420	600 kg	70%		1656 kg		2352 kg
UE-17425	1000 kg	65%		2926 kg		3322 kg
UE-17430	600 kg	70%		1608 kg		2224 kg
UE-17435	1000 kg	62%		2476 kg		3514 kg
UE-16601	300 kg	100%	1256 kg		1622 kg	1988 kg
UE-16601-L	300 kg	100%		1196 kg		1596 kg
UE-16604	600 kg	100%	2108 kg		2878 kg	3548 kg
UE-16604-L	600 kg	100%		2184 kg		2952 kg
UE-16606	1000 kg	100%	3548 kg		4628 kg	5621 kg
UE-16606-L	1000 kg	100%		3516 kg		4688 kg
UE-16675	600 kg	70+70%	1704 kg		2364 kg	3024 kg
UE-16675-L	600 kg	70%		1740 kg		2394 kg
UE-16875	800 kg	62+62%	2092 kg		2952 kg	3812 kg
UE-16875-L	800 kg	62%		2232 kg		3086 kg
UPK-8012	300 kg	70%	852 kg		1188 kg	1524 kg
UPK-8012. 100	200 kg	100%	808 kg		1060 kg	1312 kg
UPK-8012-L	300 kg	70%		864 kg		1236 kg

## Pull-Out System for Pallets



For mounting on cross beams in pallet racks or directly on the ground

- Converts a pallet rack into a drawer rack
- Suitable for almost all standard pallet racks
- Convenient access to the goods from 3 sides, without the need for a pallet truck or forklift
- Ergonomic, back and shoulder-friendly working positions
- Space saving possible due to smaller aisle widths
- Safety through pull-out stop

**Design:** Solid, proven steel construction with load-bearing components, high-quality ball bearing guides, Delivery including mounting material. Pallet stops are mounted at the rear and are supplied loose for the front part. Standard colour blue RAL 5010, other colours as shown possible, but delivery time will be extended by 3 weeks.



Can also be mounted directly on the floor. See Floor Set page 72.



**On request:** Other colours available for an extra charge and other dimensions possible - please ask!



### Unilateral Extension - Basic model

extendible 62 - 70 %

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Standard Crossbeam Distance, external - external	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		
UE-370	300	840 mm	1100	830 x 1240	880	85	990-1123	356.949	377,00
UE-17420	600	590 mm	800	1230 x 900	1280	85	700-800	356.944	541,00
UE-17430	600	840 mm	1100	1030 x 1240	1080	85	990-1123	356.954	501,00
UE-670.2	700	840 mm	1100	830 x 1240	880	85	990-1123	356.950	424,00
UE-870	800	840 mm	1100	830 x 1240	880	85	990-1123	356.948	434,00
UE-17415	1000	760 mm	1100	830 x 1240	880	85	990-1123	356.951	434,00
UE-17425	1000	590 mm	800	1230 x 900	1280	85	700-800	356.945	541,00
UE-17435	1000	760 mm	1100	1030 x 1240	1080	85	990-1123	356.955	561,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



### Unilateral Extension - Basic model

extendible 100%

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Standard Crossbeam Distance, external - external	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UE-16601	300	1240 mm	1100	830 x 1240	875	100	1000-1123	357.628	762,00
UE-16601-L	300	840 mm	800	1230 x 900	1275	100	700-800	357.629	696,00
UE-16604	600	1200 mm	1100	830 x 1240	875	100	1000-1123	356.953	775,00
UE-16604-L	600	840 mm	800	1230 x 900	1275	100	700-800	357.655	729,00
UE-16606*	1000	1200 mm	1100	830 x 1240	880	120	1000-1123	356.929	838,00
UE-16606-L*	1000	840 mm	800	1230 x 900	1280	120	700-800	357.656	808,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.

# Pull-Out System for Pallets

for up to 800 kg per drawer, installed in pallet racks



## Double sided pullout

- The drawer can be loaded from the back and operated from the front.



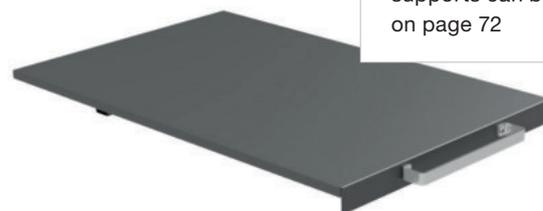
Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Standard Crossbeam Distance, external - external	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UE-16675	600	830 + 830	1100	830 x 1240	885	95	941-1139	356.946	582,00
UE-16875	800	750 + 750	1100	830 x 1240	885	95	941-1139	356.947	582,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



## Pull-out drawer with painted steel bottom with approx. 70 % extension

- Ideal for lighter goods and in combination with wooden stacking frame
- Is braked in the pushed-in position.



**i** Steel floor, grid supports can be found on page 72

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Standard Crossbeam Distance, external - external	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UPK-8012	300	840 mm	1100	800 x 1200	800	70	990-1123	356.956	439,00
UPK-8012-L	300	570 mm	800	1200 x 800 (900)	1200	70	700-800	357.659	492,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.


**Bottom drawer with rail guide**

- Load side = pull-out side. Open model - ideal for loading with the lift truck.
- Handle on the right side with locking function
- Hand-guided



Mounting directly on the ground on rails.  
Handle included!

**Front loading**

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Height Handle	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UV-16695-2-420	1000	1050 mm	1100	800 x 1200	840	70	420	357.650	455,00
UV-16695-2-620	1000	1050 mm	1100	800 x 1200	840	70	620	357.651	455,00
UV-16695-2-800	1000	1050 mm	1100	800 x 1200	840	70	800	356.958	473,00

**Loading from the rear**

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Height Handle	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UV-16695-1-420	1000	1050 mm	1100	800 x 1200	840	70	420	357.652	468,00
UV-16695-1-620	1000	1050 mm	1100	800 x 1200	840	70	620	357.653	468,00
UV-16695-1-800	1000	1050 mm	1100	800 x 1200	840	70	800	356.957	486,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



Loading with claw stacker possible!

**Drawer for freestanding floor mounting**
**Loading with claw stacker possible**

Ball bearing support wheels at the front create high pull-out capacity and make the unit easy to maneuver.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Overall height (loading area)	Height Handle	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UEG-16674H	1000	1120 mm	1100	830 x 1240	880	215	765	357.645	678,00
UEG-16674H-L	1000	720 mm	800	1230 x 840	1280	215	765	357.643	692,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



Loading with claw stacker not possible!

Thus gain 100 mm in height!

**Drawer for freestanding floor mounting**
**Loading with claw stacker not possible**

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Overall height (loading area)	Height Handle	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm	mm		€
UEG-16674L	1000	1120 mm	1100	830 x 1240	880	115	665	357.646	641,00
UEG-16674L-L	1000	720 mm	800	1230 x 840	1280	115	665	357.644	652,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



## Steel inlay

**Load capacity 350 or 700 kg**

**Design:** Electrogalvanized sheet metal inlay. Ideal for direct storage of cartons, boxes and similar stock on even surfaces. The bottom has a 30-mm-edge at the back, which keeps goods from falling off during loading. The inlay is installed on the drawer with spacers and mounting pads.

Designation	Item No.	Price / pc.
		€
Steel inlay Load capacity 350 kg at evenly distributed load	356.939	82,00
Steel inlay Load capacity 700 kg at evenly distributed load	357.679	144,00



## Steel inlay PK 17709 with curved edges

**Load capacity 500 kg**

**Design:** Electrogalvanized sheet metal inlay. For direct installation of pallet collars for Euro pallets. Installation with included spacers and adhesive pads. Max. evenly distributed load capacity: 500 kg.

Designation	Item No.	Price / pc.
		€
Steel Inlay Load capacity 500 kg at evenly distributed load Overall measurements W 800 x D 1200 mm	357.684	104,00

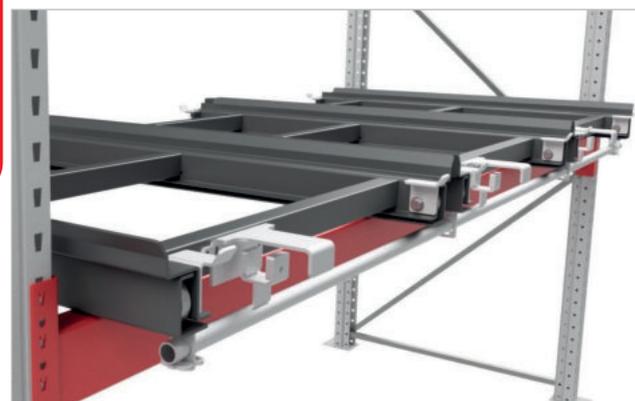


## Steel floor grating inlay Type Heavy BPH

**Load capacity 1000 kg**

**Design:** Electrogalvanized storage surface for heavy loads. Ideal for direct storage of cartons, boxes and similar goods on even surfaces. The grating has a mesh size of 40 x 40 mm and is well suited for sprinkler areas where permeability is required. Max. evenly distributed load capacity: 1000 kg.

Designation	Item No.	Price / pc.
		€
Steel floor grating inlay Load capacity 1000 kg at evenly distributed load	357.654	131,00



## Central locking system, retrofittable

**Security solution for tiered drawers. Ensures that only one drawer per level can be extended at a time.**

**Design:** Solid steel construction, delivery includes fastening materials. Standard color silver RAL 9006. Space requirement: +100 mm behind the drawer.

Type	Max. Width of Loading Area	Number of Drawers Side by Side	Item No.	Price / pc.
	mm	Stück		
BML-2K	830	2	356.918	70,00
BML-3K	830	3	356.919	107,00



### Floorset

#### Easy conversion of a tiered drawer to a floor drawer

**Floorset Standard:** Creates a free space for loading with claw stacker under the drawer. Mounting with expander bolts 10\*80. Color: Silver RAL 9006.

**Floorset Low:** With low overall height. Saves 100 mm compared to the „Standard“ floor anchor set. The use of a claw stacker is not possible. Mounting with concrete screws 7,5 x 100 . Color: Silver RAL 9006



Designation	Item No.	Price / pc.
		€
Floorset Standard (incl. anchor) min. loading height 215 mm	356.937	65,00
Floorset Low (incl. anchor) min. loading height 115 mm	357.660	32,00



### Handle for bottom drawer

Ideal for bottom drawers to achieve a better working posture when pulling out. Mounting of the attachment on the right front side of the pull-out unit (lock to be opened by foot button on the rotary handle). Height between load surface and upper edge of handle 550 mm. Color: silver RAL 9006

Designation	Item No.	Price / pc.
		€
Handgriff 17705	357.691	24,00



### Alternative handle PHB

Handle for traverse-mounted pallet extractors, replaces the standard mounted twist handle. The handle is mounted in the handle attachment on the right-hand side of the pallet of the pull-out cart. The lock is activated by lifting the lock with the finger and pulling out the drawer. Locking is automatic when the drawer is moved to neutral position. Color: silver RAL 9006

Designation	Item No.	Price / pc.
		€
PHB-250 - height 250 mm (from loading area)	357.692	74,00
PHB-350 - height 350 mm (from loading area)	357.693	77,00
PHB-550 - height 550 mm (from loading area)	357.694	80,00



Please specify before ordering, as it is not possible to retrofit the PHB handle.



## Mountable Pull-Out System for Pallets

### Low Construction Height - Direct Installation on Pallet Racks

- Saves a lot of shelf height due to lack of crossbars: 5 spaces instead of 3 with a shelf height of two meters
- Used directly in the pallet frame
- Transforms a pallet rack into a drawer rack
- Convenient access to or in pallets or boxes without use of pallet truck or forklift
- Ergonomic working positions that are easy on the back and shoulders
- Pull-out lock can be released in standard positions with a handle (accessory)
- Optionally extendable on one or two sides.

**A stabilizing traverse is required for shelf heights of 2 meters and more! Please observe the technical information on p. 68**

**Design:** The established, robust steel construction with supporting components of outstanding quality is made of high-strength steel. Delivery includes mounting materials (as well as angular stops and ball-bearing mounted guides). Pallet stop are supplied separately for the front and back. Default color is blue RAL 5010, other colors, as shown, are available but will extend the delivery time by 3 weeks.

5010	2012	9002	7016	9006
------	------	------	------	------



We are happy to offer matching stands for these drawers on request.



### Unilateral Drawer - Basic Model

**pulls out up to 62-70%**

**Design:** Equipped with ball bearings at the sides. The frame of the pallet rack must be screwed to the floor. A crossbeam is installed in max. 2000 mm height to guarantee the appropriate lateral support and width. Supplied with handle 350 mm, additional price for 550 mm see page 77.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm		€
UE-18460	700	840 mm	1100	840 x 1240	950	25	357.631	626,00
UE-18360	1000	760 mm	1100	840 x 1240	950	25	357.633	626,00

\*The packing unit is 8 pieces. Smaller order quantities are possible on request at any time.

### Unilateral Drawer - Basic Model

**pulls out up to 100%**

**Design:** Equipped with ball bearings at the sides. The frame of the pallet rack must be screwed to the floor. A crossbeam is installed in max. 2000 mm height to guarantee the appropriate lateral support and width. Supplied with handle 350 mm, additional price for 550 mm see page 77.



Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm		€
UE-17660	500	1200 mm	1100	825 x 1240	950	60	357.630	809,00
UE-17680	800	1200 mm	1100	825 x 1240	950	60	357.632	809,00
UE-16690	1000	1200 mm	1100	825 x 1240	950	60	357.663	835,00

\*The packing unit is 8 pieces. Smaller order quantities are possible on request at any time.



### Bottom drawer with approx. 100 % extension



**Design:** Equipped with ball bearing casters on the front and with ball bearings on the sides. The uprights of the pallet rack must be bolted to the floor.

At max. 2000 mm height, a traverse (p. 77) must be mounted to achieve the correct lateral support and shelf width dimension.

Supplied with 350 mm handle, Surcharge for 550 mm see page 77.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Item No.	Price per Piece/ Unit*
	kg		mm	mm	mm	mm		€
UE-18360-G	1000	1120 mm	1100	840 x 1240	950	140	<b>357.635</b>	<b>813,00</b>

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



### One-sided pullout with integrated stabilizing traverse



**Design:** Stand-mounted pull-out element with integrated, side stabilizing crosshead. These units can be mounted freely without external crosshead requirements. Equipped with side ball bearings for maintenance-free use.



Here, the additional stabilizing traverse, which is necessary from 2 meters, is already integrated!

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Item No.	Price per Piece/ Unit*
	kg		mm	mm	mm	mm		€
UE-18460SC	700	840 mm	1100	840 x 1240	950	60	<b>357.695</b>	<b>647,00</b>
UE-18360SC	1000	760 mm	1100	840 x 1240	950	60	<b>357.634</b>	<b>647,00</b>
UE-17680SC	800	1200 mm	1100	830 x 1240	950	105	<b>357.697</b>	<b>981,00</b>

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.



### Bilateral Drawer

**Design:** The drawer can be extracted in two directions. Equipped with ball bearings at the sides. The frame of the pallet rack must be screwed to the floor. A crossbeam is installed in max. 2000 mm height to guarantee the appropriate lateral support and width.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Height	Item No.	Price per Piece/ Unit*
	kg		mm	mm	mm	mm		€
UE-16675-S	600	830 + 830	1100	830 x 1240	885	95	<b>357.666</b>	<b>825,00</b>
UE-16875-S	800	750 + 750	1100	830 x 1240	885	95	<b>357.668</b>	<b>825,00</b>

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.

## One-sided pullout with surrounding edge

**i** With circumferential edge!

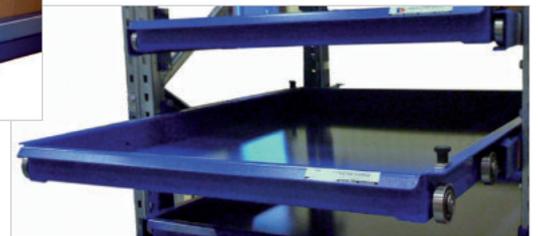


Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Sheet thickness	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm		€
UH-16650	200	880 mm	1100	865 x 1195 Höhe 60 mm	950	6	357.637	on request

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.

## Pull-out on both sides with surrounding edge H = 60 mm

**i** With surrounding edge H= 60 mm



**Design:** Braked in pushed-in position, grip edge on the front. The uprights of the pallet rack must be bolted to the floor. At a max. height of 2000 mm, a traverse (p. 77) must be mounted to achieve the correct lateral support and the shelf width dimension.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Sheet thickness	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm		€
UHD-16650	200	850 / 850 mm	1100	865 x 1195 Höhe 60 mm	950	6	357.639	533,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.

## XXL- Drawer up to 2.7 m width

**i** Also special sizes possible, please ask!

### One-sided pull-out with surrounding edge H = 30 mm



**Design:** In pushed-in position braked, grip edge at the front. The uprights of the pallet rack must be bolted to the floor.

At a max. height of 2000 mm, a traverse (p. 77) must be mounted in order to achieve the correct lateral support and the shelf width dimension.

Type	Load Capacity	Extension	For Rack Depth	Storage Area W x D	Overall Width	Sheet thickness	Item No.	Price per Piece/Unit*
	kg		mm	mm	mm	mm		€
UHP-1350	300	880 mm	1100	1320 x1200	1350	65	357.670	553,00
UHP-1800	300	880 mm	1100	1770 x1200	1800	65	357.671	626,00
UHP-2700	300	880 mm	1100	2670 x1200	2700	65	357.673	769,00

\*The packing unit is 10 pieces. Smaller order quantities are possible on request at any time.

### Stabilization traverse

This traverse must be mounted at a height of max. 2000 mm to achieve the correct lateral support and compartment width dimension.

Steel profile tube 50x30 mm with reinforcements, suitable for META Multipal uprights.

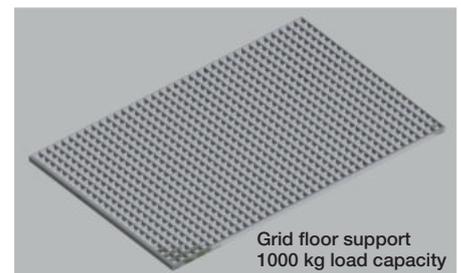
Suitable for drawer width 950 or 1350 mm, height 30 mm, the profile tube is placed 30 mm from the top edge of the agraffe.

Color: RAL 9006 white aluminum

Type	Item No.	Surcharge €
For compartment width 950 mm	<b>357.750</b>	<b>93,00</b>
For compartment width 1350 mm	<b>357.751</b>	<b>105,00</b>

### Grid steel floor support type Heavy GDK Load capacity 1000 kg

Designation	for the following drawers with article no.	Item No.	Price €
Hot-dip galvanized, mesh size 40 x 40 mm, load capacity 1000 kg g.v.L.	357.630 - 357.635, 357.661, 357.695	<b>357.678</b>	<b>145,00</b>



### Steel floor support PK-17709 with bent edges Load capacity 500 kg

**Design:** Galvanized sheet metal support. For easy direct mounting of pallet frames for Euro pallets.

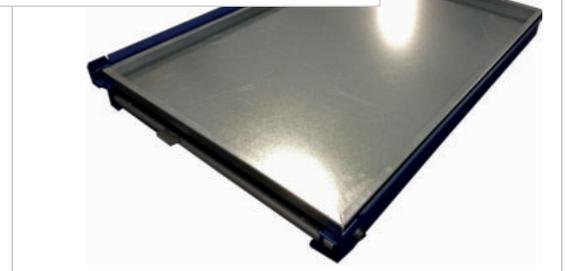
Mounting with enclosed spacers and adhesive pads.

Max. distributed load: 500 kg.

Designation	Item No.	Price €
Steel floor support with bent up edges Load capacity 500 kg g.v.l., external dimensions W 800 x D 1200 mm	<b>357.684</b>	<b>104,00</b>



Bent edges are required for pallet stacking frames are required!



### Handle type HSW, additional price in length 550 or 750 mm instead of 350 mm

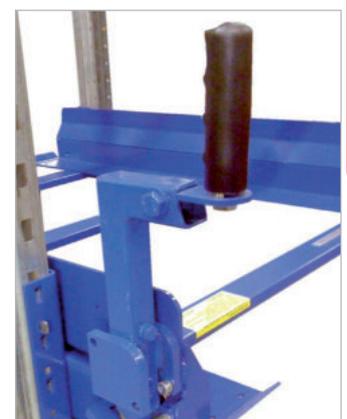
Robust rubberized handle for directly mounted pedestal drawers in ergonomic, easy-to-grip design.

The lock is automatically released when the handle is pulled.

Standard mounting is on the right side.

Height of handle Load surface top: 550 or 750 mm

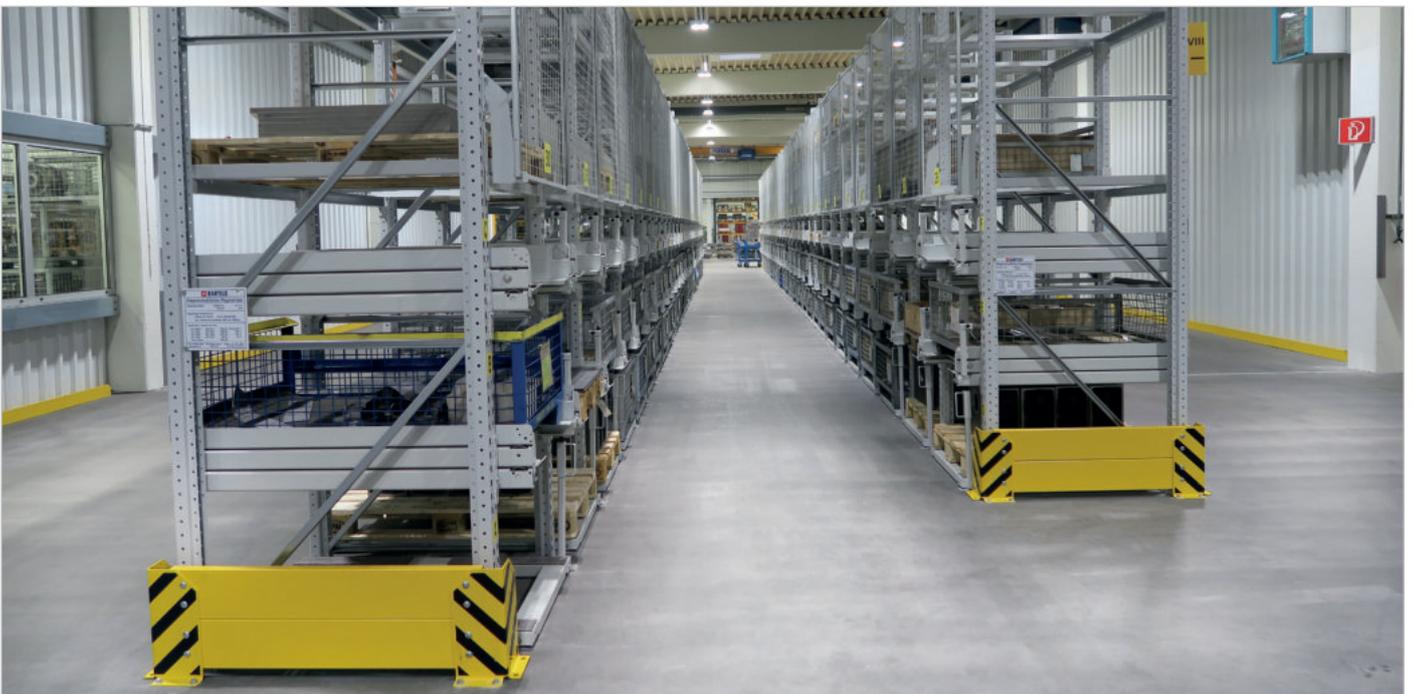
Length	Type	for the following drawers with article no.	Item No.	Surcharge €
550 mm	HSW-70-550/H	357.631, 357.661	<b>357.680</b>	<b>75,00</b>
550 mm	HSW-100-550/H	357.630, 357.662, 357.664	<b>357.681</b>	<b>83,00</b>
750 mm	HSW-70-750	357.631, 357.661	<b>357.649</b>	<b>83,00</b>
750 mm	HSW-100-750	357.630, 357.662, 357.664	<b>357.688</b>	<b>83,00</b>



# Pull-Out System for Pallets References



PALLET RACKING DRAWERS



**PALLET RACKING DRAWERS**

## Our brochures



## Our main catalogue



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