

*Extract of the
general catalogue,*

CHAPTER C

INDIVIDUAL SOLUTIONS FROM A SINGLE SOURCE

*Systems diversity for warehouses,
factories and workshops*



GENERAL CATALOGUE

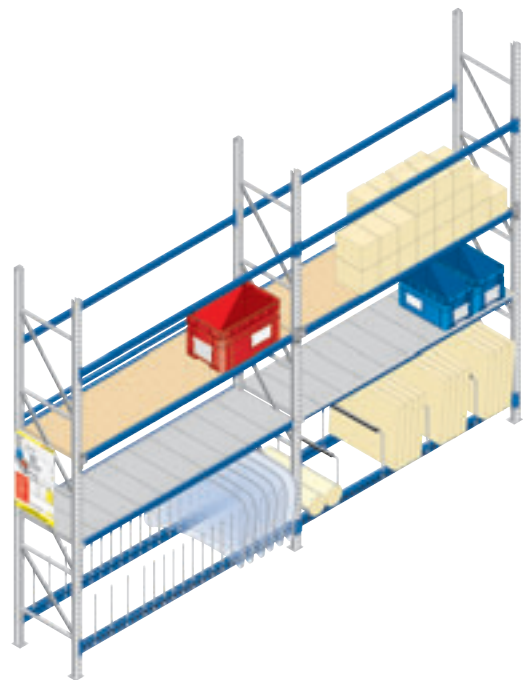
Longspan racking systems

Warehousing and order picking are constantly challenged by the extensive variety of products available.

Longspan racking systems from SSI SCHAEFER are perfect for optimizing your individual storage

requirements and will create maximum storage capacity with minimum space. Especially suitable for the storage of bulky items.





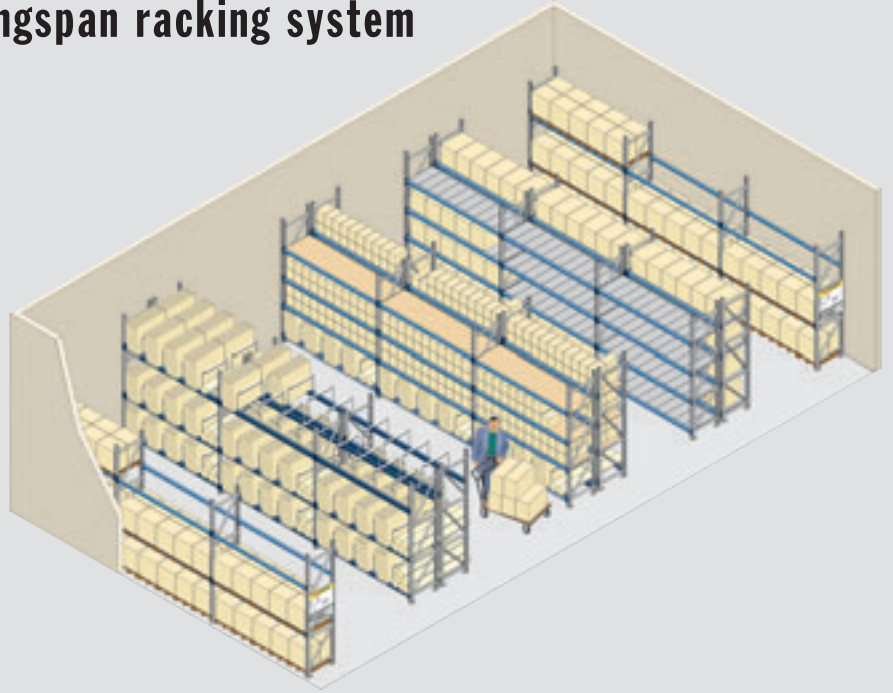
WR 600 Longspan racking

WR 600 – the ultimate longspan racking system

The flexible WR 600 longspan racking system with 50:50 mm perforation answers all stored goods, storage location and warehousing tasks.

The frame design with upright profiles in three heights and four depths, four different beam types in four lengths and different heights permit the completely free design of the bays.

Standardised construction elements permit multi-tier designs. This means that shelf-supported mezzanines can be created.



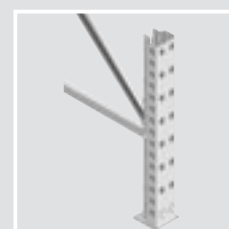
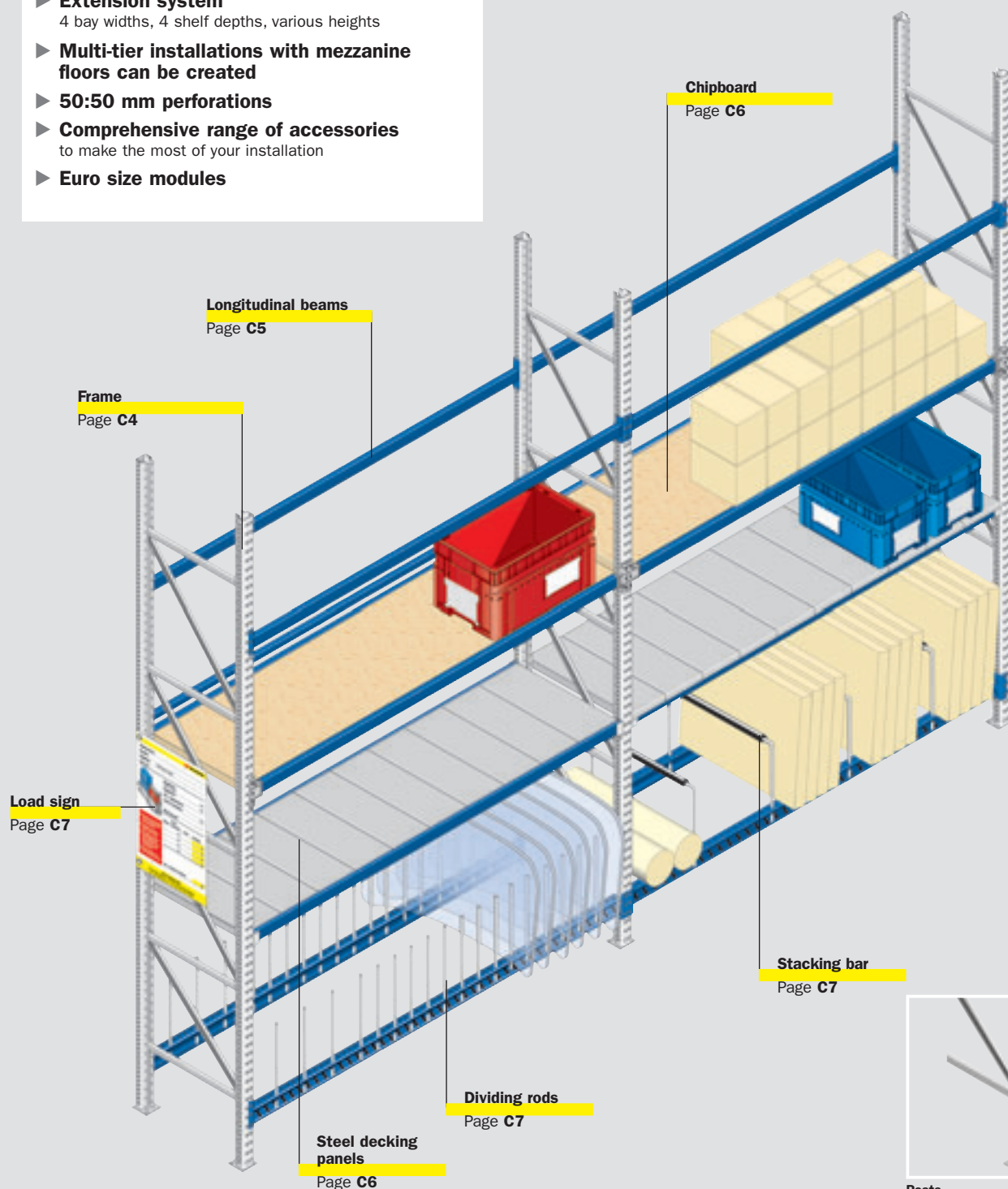


RAL 7037

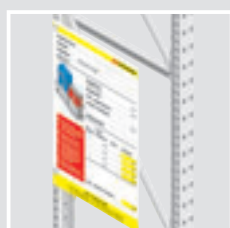
RAL 5010

WR 600 system design

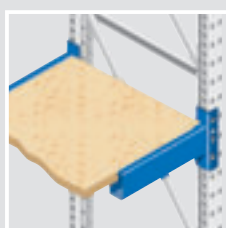
- **High load capacity**
up to max. 4100 kg per frame
- **Racking**
for storing bulky items with upright profiles and 4 different longitudinal beams
- **Extension system**
4 bay widths, 4 shelf depths, various heights
- **Multi-tier installations with mezzanine floors can be created**
- **50:50 mm perforations**
- **Comprehensive range of accessories**
to make the most of your installation
- **Euro size modules**



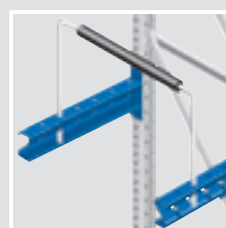
Posts



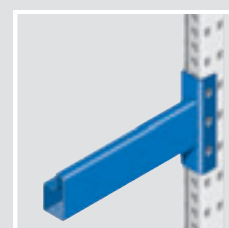
Load sign

Steel decking panels,
for insertion

Chipboard, for insertion



Stacking bar



Longitudinal beams



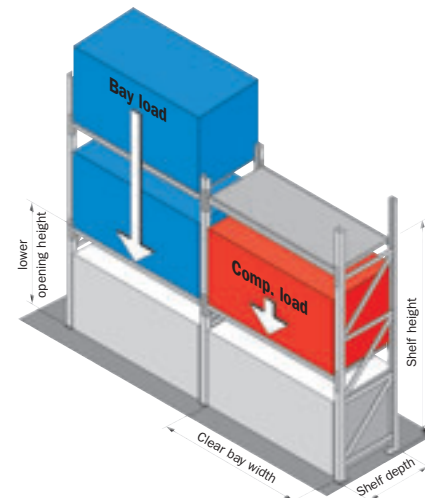
Frame

WR 600 frames



► Load-bearing capacity of frame

the permitted load-bearing capacity of the frame is dependant on the beam spacings and the beam profile selected. The values given are based on racks with at least 2 pairs of longitudinal beams per bay, and rack rows consisting of at least 5 bays per run

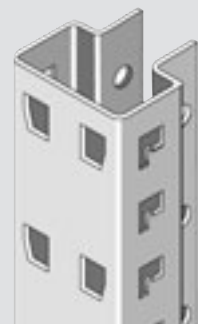


Comp. load	Frame load capacity	Frame load capacity
	Step profile 60/40	Step profile 80/40
500 mm	3500 kg	4100 kg
750 mm	3000 kg	3800 kg
1000 mm	2700 kg	3700 kg
1250 mm	2300 kg	3400 kg
1500 mm	1800 kg	2700 kg

Frame

The upright profiles made from cold-rolled, high-strength, galvanised steel are bolted together with horizontal and diagonal struts to create a stable frame.

Supplied unassembled.



Frame height 2200 mm

Item	Frame depth (mm)	Order no.
R 61225	500	464500
R 61226	600	464530
R 61228	800	464560
R 61221	1050	464590

Frame height 2500 mm

Item	Frame depth (mm)	Order no.
R 61255	500	464510
R 61256	600	464540
R 61258	800	464570
R 61251	1050	464600

Frame height 3000 mm

Item	Frame depth (mm)	Order no.
R 61305	500	464520
R 61306	600	464550
R 61308	800	464580
R 61301	1050	464610

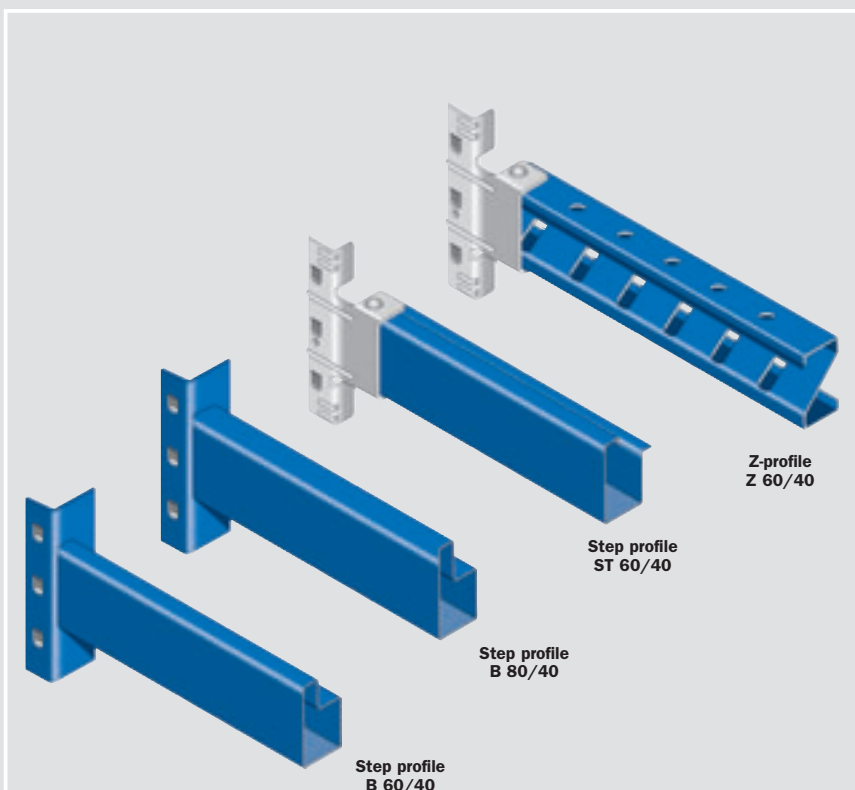
Longitudinal beam
shim platesLongitudinal
beams

Compatible with PR 600 pallet

racking system

Chapter D, from page D8

WR 600 Longitudinal beams and accessories

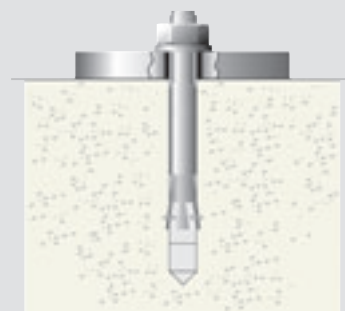


Longitudinal beams

Welded or bolted 3-hook connectors guarantee a positive and non-positive connection to the uprights. Includes two safety locking pins per item to prevent accidental dislodging of the beam.

Finish: galvanised or painted (RAL 5010 gentian blue).

Item	Horizontal beam length (mm)	Load per pair (kg)	Unit	Order no.	
Longitudinal beam step profile B 60/40					
TR 1506 B	1500	900	1	—	109200
TR 1806 B	1800	700	1	—	109220
TR 2206 B	2200	600	1	—	109260
TR 2706 B	2700	300	1	—	109180
Longitudinal beam step profile B 80/40					
TR 1808 B	1800	1000	1	—	109230
TR 2208 B	2200	800	1	—	109270
TR 2708 B	2700	700	1	—	109300
Longitudinal beam step profile ST 60/40					
TR 1506 ST-V	1500	500	1	124690	—
TR 1806 ST-V	1800	450	1	124700	—
TR 2206 ST-V	2200	350	1	124710	—
TR 2706 ST-V	2700	250	1	124720	—
TR 1506 ST-G	1500	500	1	—	129400
TR 1806 ST-G	1800	450	1	—	129410
TR 2206 ST-G	2200	350	1	—	129420
TR 2706 ST-G	2700	250	1	—	129430
Longitudinal beam Z-profile Z 60/40					
TR 1506 Z-V	1500	450	1	124730	—
TR 1806 Z-V	1800	400	1	124740	—
TR 2206 Z-V	2200	350	1	124750	—
TR 2706 Z-V	2700	200	1	124760	—
TR 1506 Z-G	1500	450	1	—	129440
TR 1806 Z-G	1800	400	1	—	129450
TR 2206 Z-G	2200	350	1	—	129460
TR 2706 Z-G	2700	200	1	—	129470

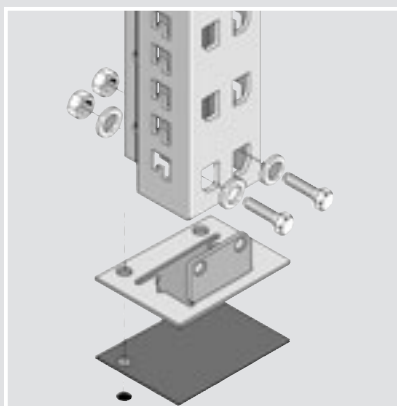


Expansion anchor

Floor anchors

Racking must be anchored to the floor to guarantee stability.

Item	Order no.
BA 10 SL Expansion anchor M 10	67030



Base shims

Used to compensate for any floor unevenness, galvanised.

Item	Thickness (mm)	Order no.
AP 60.51	1	143500
AP 60.52	2	143510

Insulation plates

When racking is erected on floors containing magnesium, plastic insulation plates are necessary for each upright to prevent any corrosion.

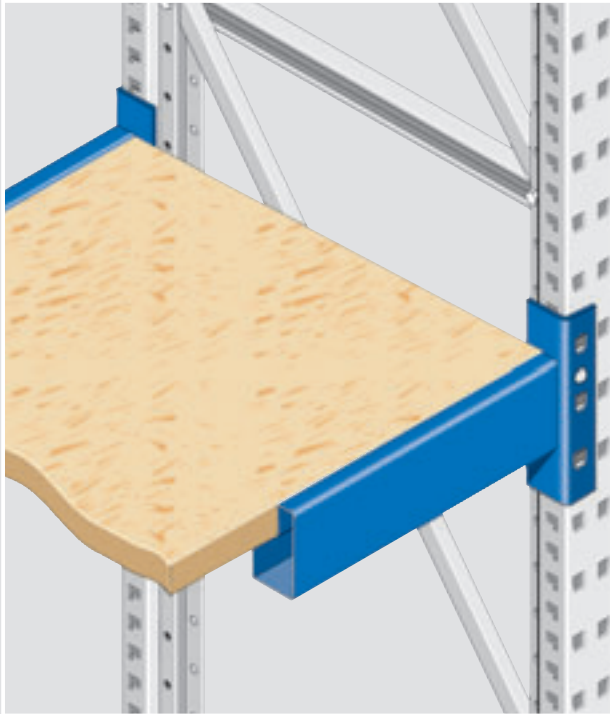
Item	Thickness (mm)	Order no.
IP 60.51	1	155250



GALVANISED

Steel decking
panels

WR 600 Decking and panels

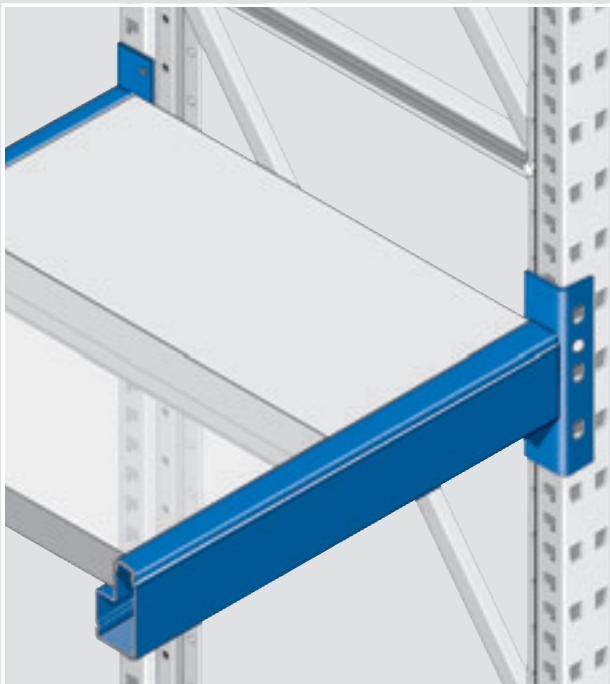


Particle board decking panels for longitudinal step beams

The particle board decking is inserted between the longitudinal beams. 22 mm, compressed as standard.

The load values given are based on an even load distribution.

Item	Frame depth (mm)	Horizontal length (mm)	Bay load (kg)	Order no.
FSB 15-050-22-NA	500	1500	300	305000
FSB 18-050-22-NA		1800	500	305010
FSB 22-050-22-NA		2200	600	305020
FSB 27-050-22-NA		2700	700	305030
FSB 15-060-22-NA	600	1500	300	305040
FSB 18-060-22-NA		1800	400	305050
FSB 22-060-22-NA		2200	450	305060
FSB 27-060-22-NA		2700	550	305070
FSB 15-080-22-NA	800	1500	180	305080
FSB 18-080-22-NA		1800	215	305090
FSB 22-080-22-NA		2200	250	305100
FSB 27-080-22-NA		2700	300	305110
FSB 15-105-22-NA	1050	1500	100	305100
FSB 18-105-22-NA		1800	115	305130
FSB 22-105-22-NA		2200	140	305140
FSB 27-105-22-NA		2700	170	305150



Steel decking panels for longitudinal step beams

Steel decking made of galvanised sheet steel, 200 or 300 mm wide, is inserted in the longitudinal beams with step profile.

Load capacity per panel 150 kg based on even load distribution.

Complete panel sets – 200 mm and 300 mm panels

Item	Frame depth (mm)	Horizontal length (mm)	Order no.
SP 1550	500	1500	109700
SP 1850		1800	109710
SP 2250		2200	109720
SP 2750		2700	109730
SP 1560	600	1500	109740
SP 1860		1800	109750
SP 2260		2200	109760
SP 2760		2700	109770
SP 1580	800	1500	109780
SP 1880		1800	109790
SP 2280		2200	109800
SP 2780		2700	109810
SP 1510	1050	1500	109820
SP 1810		1800	109830
SP 2210		2200	109840
SP 2710		2700	109850

Individual steel panels – panel width 200 mm

Item	Frame depth (mm)	Order no.
FPB 20-050-22-20A	500	193220
FPB 20-060-22-20A	600	193240
FPB 20-080-22-30A	800	193260
FPB 20-105-22-30A	1050	193280

Individual steel panels – panel width 300 mm

Item	Frame depth (mm)	Order no.
FPB 30-050-22-20A	500	193230
FPB 30-060-22-20A	600	193250
FPB 30-080-22-30A	800	193270
FPB 30-105-22-30A	1050	193290

GREY

GALVANISED

GENTIAN BLUE


Oil can carrier
drum supports

RAL 7037


Shelf dividers
Stacking bars
Dividing rods


Spacers

RAL 5010

Identification labelling requirements

in accordance with the industry safety regulations, all racking installations have to be labeled with the relevant load signs

Racking system:			
Construction year:			
Type of rack:			
Order confirmation no.:			
Racking height:			
Frame depth:			
No. of storage levels:			
Height to first beam level:			
Upright profile:			
Level	clear entry	profile	compartment load
mm	mm	mm	kg
mm	mm	mm	kg
mm	mm	mm	kg
mm	mm	mm	kg
max. usable bay load:			
kg			

FRITZ SCHÄPER GMBH
Fritz Schäper Straße 20 • D-51720 Neukirchen/Siegental
Phone +49 (0)2735 / 7041 • Fax +49 (0)2735 / 70454

Load sign

Made from aluminum, incl. fixing materials.

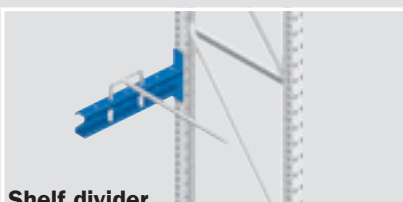
Item	Width (mm)	Height (mm)	Order no.
LSTS 7050	420	600	992305

Load sign (no illustr.)

Made from self-adhesive PVC.

Item	Width (mm)	Height (mm)	Order no.
TS 0615	60	150	157300

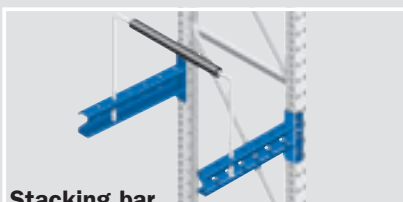
Warehouse marking and Safety accessories from p. D21



Shelf divider

For the vertical storage of wooden trims, pipes etc. Adjustable in increments of 50 mm, galvanised.

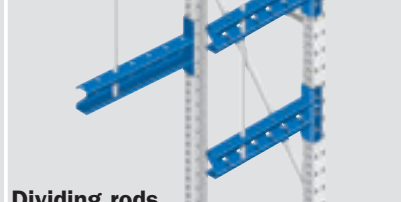
Item	Frame depth (mm)	Length (mm)	Order no.
APH 340	500	340	18120
APH 740	800	740	18110



Stacking bar

Dividing frames for Z-beams to segregate stored items. Adjustable in increments of 50 mm, galvanised.

Item	Frame depth (mm)	Order no.
KTB 50	500	159420
KTB 80	800	159430
KTB S	Rod covers	39640



Dividing rods

Dividing frames for Z-beams to segregate stored items. Adjustable in increments of 50 mm, galvanised.

Item	Tube length (mm)	Order no.
KRA 4170	170	159440
KRA 4300	300	159450
KRA 4950	950	159460
KRA 4105	1050	159470

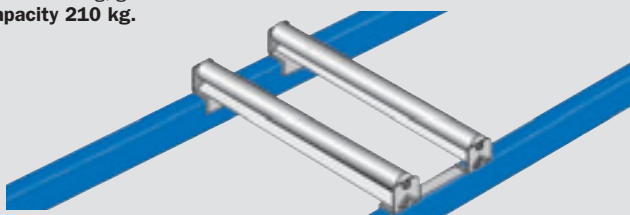
Drum supports

Welded frame made from angled profiles. For rotating drum supports with two ball-bearing, galvanised steel rollers. For placing on longitudinal beams. Surface painted: Grey, RAL 7037. **Load capacity 210 kg.**



Fixed shelving system

Item	Frame depth (mm)	Order no.
FAS 80	800	116900
FAS 105	1050	116520



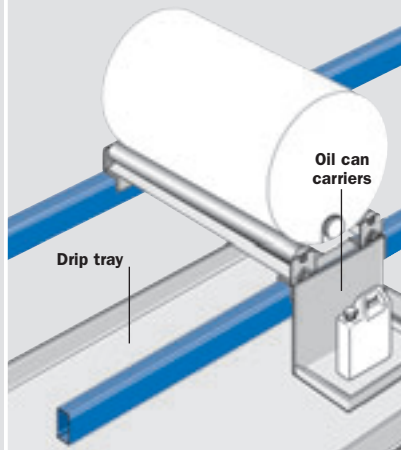
Rotatable

Item	Frame depth (mm)	Order no.
FAD 80	800	116910
FAD 105	1050	116560

WR 600 Accessories

Oil can carriers

Positioned on shelf on the front of the drum supports. Dimensions: 300 x 350 mm. Surface painted: Grey, RAL 7037.



Item	Order no.
KT 30	116570