

Pallet racking overview

	Longitudinal beam racking PR 350	Longitudinal beam racking PR 600
Applications	Pallet storing suitable for medium to high-volume products with medium to high loads, e.g. in manufacturing areas and for material provisioning	Pallet storing suitable for medium to high-volume products with medium to high loads, e.g. for logistic centres or distribution warehouses
Advantages	▶ Solid and robust construction ▶ Simple assembly with few components	▶ Lightweight and economic construction ▶ Stable due to its special design ▶ Dimensional stability
Design	▶ Welded frames with longitudinal beams, 3 upright profiles in 3 frame depths each, 10 frame heights, 2 beam types, 7 bay lengths	▶ Bolted frames with longitudinal beams, 4 upright profiles in 3 frame depths each, 10 frame heights, 2 beam types, 7 bay lengths
Crosswise connection	▶ Bolt-free system	▶ Bolt-free system
Perforation	▶ 50:50 mm	▶ 50:50 mm
Upright widths	▶ 70, 80, 100 mm	▶ 75, 90, 100, 120 mm
Frame load capacity	▶ Up to 15000 kg	▶ Up to 30000 kg
Horizontal load capacity	▶ Up to 4500 kg per pair	▶ Up to 4500 kg per pair
Frame finish	▶ Painted RAL 7037, grey	▶ Galvanised
Beam finish	▶ Painted RAL 5010, gentian blue	▶ Painted RAL 5010, gentian blue



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Pallet racking PR 350

Longitudinal beam racking is suitable for universal use for all applications in the warehouse. Using the appropriate system components, pallets and containers in all different shapes and sizes can be located.

The longitudinal beam racking PR 350 demonstrates SSI SCHAEFER's commitment to continually updating its impressive

range of racking systems. The simple modular system has been tried and tested for over fifteen years and has proven itself as absolutely safe in practical use.

Compatibility with other systems and a comprehensive range of accessories enables ongoing expansion of existing installations. SSI SCHAEFER provides a 10 year after-purchase guarantee.





Frame

RAL 7037



Longitudinal beams

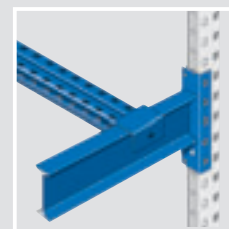
RAL 5010

- ▶ **Highest load bearing capacity**
frame load bearing capacity up to 15000 kg
(at least 2 beam pairs INP 100 per bay and 5 bays per racking row), beam load bearing capacity 4500 kg per pair
- ▶ **Compatible with SSI SCHAEFER racking system PR 400**
- ▶ **Stable due to its special design**
- ▶ **High quality materials**
- ▶ **Perforation**
hole pitch 50:50 mm
- ▶ **Upright width**
70, 80, 100 mm
- ▶ **Simple assembly**
with few components
- ▶ **Welded frames**
- ▶ **Large foot plate**
- ▶ **Sturdy construction**
with material thickness up to 4 mm

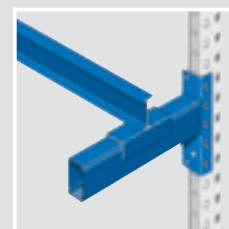


Frames and longitudinal beams PR 350

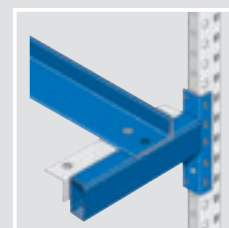
P-profile front-to-back support
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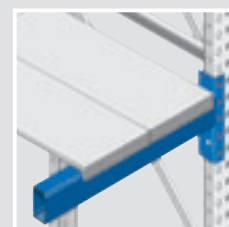
P-profile front-to-back support



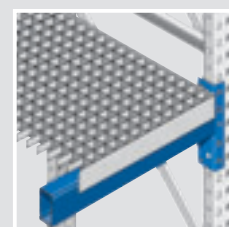
Fork spacer



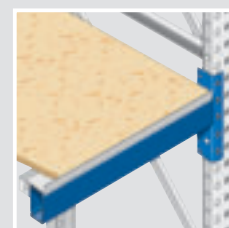
Angle profile front-to-back support with fixing angle



Steel decking panels, laid on top



Mesh panel, laid on top



Chipboard with edge protectors, laid on top

Mesh panels
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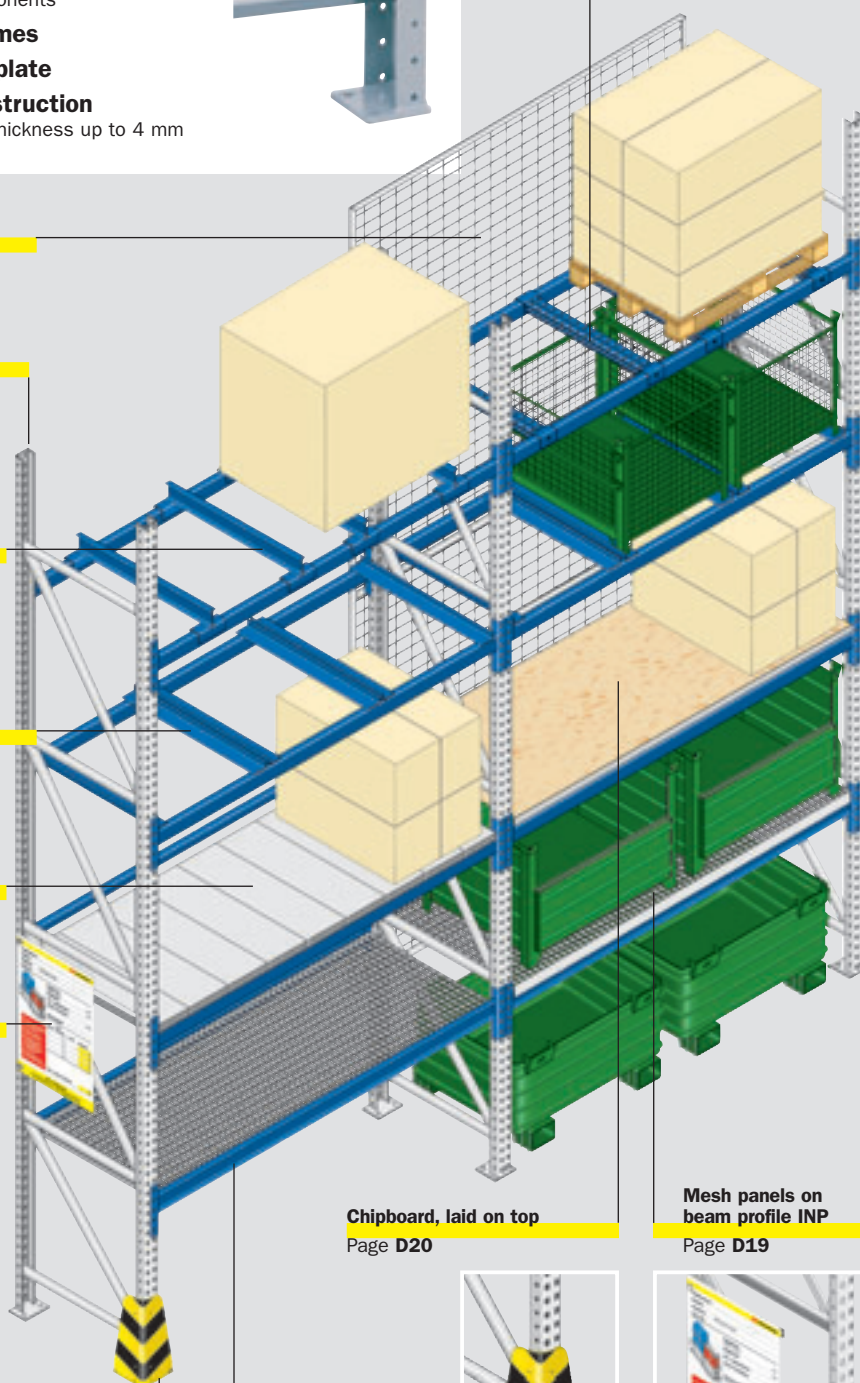
Frame
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Fork spacer
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Angle profile front-to-back support
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Steel panels on beam profile INP
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Load sign
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Chipboard, laid on top
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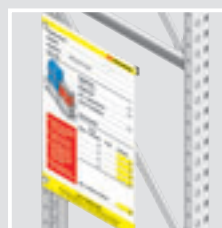
Mesh panels on beam profile INP
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Corner protector
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Longitudinal beams
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Corner protector



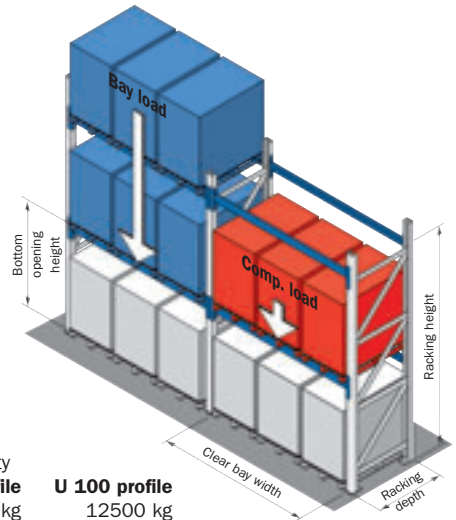
Load sign

Frames

► Frame load bearing capacity

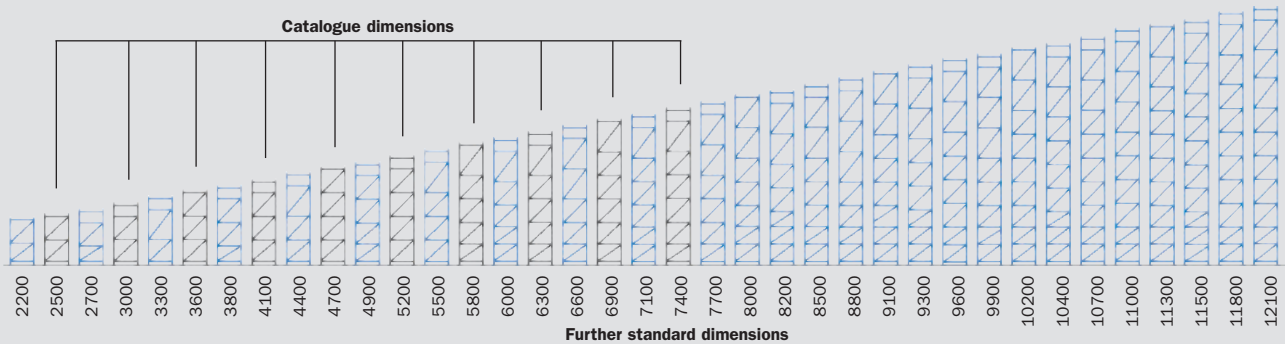
the guaranteed frame load bearing capacity depends on the compartment height and beam profile. The values given relate to racks with at least two pairs of evenly spaced beams per bay and racking rows of at least five bays, using INP 100 longitudinal beam profiles. Different values are produced depending on the horizontal beam profile.

Please consult our specialists for advice.



Opening height	Frame load bearing capacity		
	U 70 profile	U 80 profile	U 100 profile
1000 mm	5500 kg	10600 kg	12500 kg
1250 mm	5200 kg	10000 kg	12000 kg
1500 mm	4600 kg	9600 kg	11800 kg
1750 mm	4000 kg	9300 kg	11600 kg
2000 mm	3650 kg	8000 kg	10000 kg
2250 mm	3300 kg	7200 kg	9000 kg
2500 mm	2900 kg	6000 kg	7500 kg

Catalogue dimensions



Further standard dimensions

Item	Frame height (mm)	Frame depth (mm)	Order no.	Item	Frame height (mm)	Frame depth (mm)	Order no.	Item	Frame height (mm)	Frame depth (mm)	Order no.
U 70 profile											
RN 70258	2500	850	126030	RN 70251	2500	1050	126390	RN 70252	2500	1250	126750
RN 70308	3000	850	126090	RN 70301	3000	1050	126450	RN 70302	3000	1250	126810
RN 70368	3600	850	126150	RN 70361	3600	1050	126510	RN 70362	3600	1250	126870
RN 70418	4100	850	126210	RN 70411	4100	1050	126570	RN 70412	4100	1250	126930
RN 70478	4700	850	126270	RN 70471	4700	1050	126630	RN 70472	4700	1250	126990
RN 70528	5200	850	126330	RN 70521	5200	1050	126690	RN 70522	5200	1250	127050
U 80 profile											
RN 80258	2500	850	126040	RN 80251	2500	1050	126400	RN 80252	2500	1250	126760
RN 80308	3000	850	126100	RN 80301	3000	1050	126460	RN 80302	3000	1250	126820
RN 80368	3600	850	126160	RN 80361	3600	1050	126520	RN 80362	3600	1250	126880
RN 80418	4100	850	126220	RN 80411	4100	1050	126580	RN 80412	4100	1250	126940
RN 80478	4700	850	126280	RN 80471	4700	1050	126640	RN 80472	4700	1250	127000
RN 80528	5200	850	126340	RN 80521	5200	1050	126700	RN 80522	5200	1250	127060
RN 80588	5800	850	127120	RN 80581	5800	1050	127480	RN 80582	5800	1250	127840
RN 80638	6300	850	127180	RN 80631	6300	1050	127540	RN 80632	6300	1250	127900
RN 80698	6900	850	127240	RN 80691	6900	1050	127600	RN 80692	6900	1250	127960
RN 80748	7400	850	127300	RN 80741	7400	1050	127660	RN 80742	7400	1250	128020
U 100 profile											
RN 10368	3600	850	126170	RN 10361	3600	1050	126530	RN 10362	3600	1250	126890
RN 10418	4100	850	126230	RN 10411	4100	1050	126590	RN 10412	4100	1250	126950
RN 10478	4700	850	126290	RN 10471	4700	1050	126650	RN 10472	4700	1250	127010
RN 10528	5200	850	126350	RN 10521	5200	1050	126710	RN 10522	5200	1250	127070
RN 10588	5800	850	127130	RN 10581	5800	1050	127490	RN 10582	5800	1250	127850
RN 10638	6300	850	127190	RN 10631	6300	1050	127550	RN 10632	6300	1250	127910
RN 10698	6900	850	127250	RN 10691	6900	1050	127610	RN 10692	6900	1250	127970
RN 10748	7400	850	127310	RN 10741	7400	1050	127670	RN 10742	7400	1250	128030

GREY

GENTIAN BLUE

Longitudinal beam racking PR 350



Upright profiles



Longitudinal beams

RAL 7037

RAL 5010

► Upright profiles

U-section front-to-back supports. Welded with horizontal and diagonal struts to form a stable frame.

50:50 mm perforations.

Large footplates ensure even distribution of load to floor.

► Longitudinal beams

with welded 5-hook clips. Guarantee a positive connection to the uprights.

Upright lug pitch 50:50 mm adjustable.

Supplied with 2 safety pins per unit (included) to prevent the beam from being lifted out accidentally.

The loads given are calculated on uniformly distributed load.

The order numbers refer to a beam.

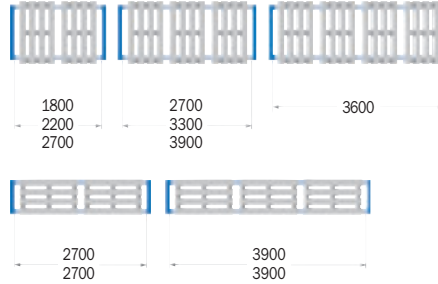
► System dimensions of longitudinal beam racks

Storage front-to-back

Pallet dimensions	Storage depth	Rack depth
800 x 1200 mm	1200 mm	1050 mm
1000 x 1200 mm	1200 mm	1050 mm
1200 x 1200 mm	1200 mm	1050 mm

Storage side by side

Pallet dimensions	Storage depth	Rack depth
800 x 1200 mm	800 mm	850 mm
1000 x 1200 mm	1000 mm	1050 mm



Longitudinal beams

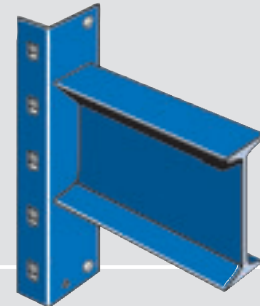


Accessories for PR 350

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Longitudinal INP beams

Item	Load capacity/ pair (kg)	Profile type	Order no.	Item	Load capacity/ pair (kg)	Profile type	Order no.	Item	Load capacity/ pair (kg)	Profile type	Order no.
Length 1800 mm				Length 2200 mm				Length 2700 mm			
TRN1-180-08-I	3000	INP 80	323560	TRN1-220-08-I	2500	INP 80	323600	TRN1-270-08-I	2100	INP 80	323650
TRN1-180-10-I	4500	INP 100	323720	TRN1-220-10-I	4200	INP 100	323760	TRN1-270-10-I	3500	INP 100	323810
								TRN1-270-12-I	4500	INP 120	324030
Length 2900 mm				Length 3300 mm							
TRN1-290-08-I	1900	INP 80	323670	TRN1-330-08-I	1400	INP 80	323710				
TRN1-290-10-I	3300	INP 100	323830	TRN1-330-10-I	2700	INP 100	323870				
TRN1-290-12-I	4500	INP 120	324050	TRN1-330-12-I	4400	INP 120	324090				
Length 3600 mm				Length 3900 mm							
TRN1-360-10-I	2300	INP 100	323900	TRN1-390-10-I	2000	INP 100	323930				
TRN1-360-12-I	3900	INP 120	324120	TRN1-390-12-I	3400	INP 120	324150				



Longitudinal CE beams

Item	Load capacity/ pair (kg)	Profile type	Order no.	Item	Load capacity/ pair (kg)	Profile type	Order no.	Item	Load capacity/ pair (kg)	Profile type	Order no.
Length 1800 mm				Length 2200 mm				Length 2700 mm			
TRN1-180-085-30 CE	3200	CE 80	324220	TRN1-220-085-30 CE	2500	CE 80	324230	TRN1-270-085-30 CE	1700	CE 80	324240
TRN1-180-105-30 CE	4200	CE 100	324260	TRN1-220-105-30 CE	3500	CE 100	324270	TRN1-270-105-30 CE	2600	CE 100	324280
TRN1-180-115-30 CE	4500	CE 110	324300	TRN1-220-115-30 CE	3900	CE 110	324310	TRN1-270-115-30 CE	3000	CE 110	324320
								TRN1-270-125-30 CE	3600	CE 120	324360
Length 2900 mm				Length 3300 mm				TRN1-270-145-30 CE	4300	CE 140	312850
TRN1-290-085-30 CE	1500	CE 80	324250	TRN1-330-115-30 CE	2200	CE 110	324340				
TRN1-290-105-30 CE	2300	CE 100	324290	TRN1-330-125-30 CE	2600	CE 120	324380				
TRN1-290-115-30 CE	2700	CE 110	324330	TRN1-330-145-30 CE	3100	CE 140	312910				
TRN1-290-125-30 CE	3200	CE 120	324370								
TRN1-290-145-30 CE	3800	CE 140	312870								
Length 3600 mm				Length 3900 mm							
TRN1-360-115-30 CE	1900	CE 110	324350	TRN1-390-145-30 CE	2300	CE 140	312970				
TRN1-360-125-30 CE	2300	CE 120	324390								
TRN1-360-145-30 CE	2700	CE 140	312940								

