

## Pallet basic rack, Depth 1100 mm, Height: 4500mm



### Order data

Order number	991212 4500
GTIN	4058255110209
Item class	960

### Description

#### Version:

**Basic rack** consisting of 2 profile frames each with 4 floor anchors and 2 or 3 cross beam pairs.

**Add-on rack** consisting of 1 profile frame with 4 floor anchors and 2 or 3 cross beam pairs.

Additional storage levels can be found under accessories.

**Cross beams** type LNS 110×50×1.5. Assembled size of basic rack: 2920 mm.

#### Description:

##### Assembled size:

##### Overall length of the rack:

For frame stiles S610-M18-U and S625-A18:

Nominal length + number of stiles × 86 mm (for S610-M18-U)

Nominal length + number of stiles × 110 mm (for S625-A18).

##### Colour:

Stiles similar to RAL 5017 traffic blue, cross beams similar to RAL 2004 pure orange **powder-coated**.

##### Note:

- **On uneven floors we recommend additional shim plates.**
- **Supplied for self-assembly, saving freight costs. Delivered unassembled.**
- **Allow at least 100 mm for the foot plates between the frame stiles and walls or parts of the building.**

When fitting cross-beams, make sure that the **outer stiles project at least 500 mm above the topmost storage level**. Within the row of racking, a projection of 100 mm is sufficient.

**Technical provisions for erection of pallet racking according to BGR 234:**

- **End stiles adjacent to gangways and traffic routes must be at least 500 mm higher than the highest storage level.**
- **Pass-throughs and spans must be provided with a closure board (e.g. chipboard sheet).**
- **Clear pass-through height must be at least 2100 mm.**
- **End stiles and pass-throughs must be fitted with crash barriers.**
- **Single-sided racking that is free-standing in a room must be fitted with mesh rear panels to prevent stored goods falling out.**
- **Each row of racking must carry safe working load signs.**
- **Concrete grade: at least C20/25 to EN 206-1 (DIN 1045-2); concrete thickness at least 200 mm.**
- **If the distance between pallets in a double-sided rack is less than 100 mm, insertion stops should be provided.**

**Further information on planning and design:**

- **An important factor is the unsupported length (K) = the maximum distance between floor and the upper edge of the first cross-beam. The stile type is determined by this factor.**
- **Approx. 100 mm clearance should always be allowed to the next storage level, or the shop ceiling.**
- **Lift height of the handling equipment: top of the uppermost cross beam plus 200 mm.**

Our technical data does not apply for bituminous or magnesite-based surfaces, brick paved or compacted concrete floors.

## Technical description

Bay load (3 bays each with 3 pairs of cross beams per bay)	8670 kg
Customer assembly	yes
Plug-in assembly	yes
Rack installation	Basic rack
Number of pallet slots per bay	12
Number of rack stiles	2
Shelf load capacity	2460 kg
Cross-beam type:	LNS 110×50×1.5
Frame profile	S625-A18
Number of storage level	4
Depth	1100 mm

Height	4500 mm
Assembled size basic rack width	2920 mm
Compartment width	2700 mm
Rack access	double-sided
Shelf load capacity / maximum distributed shelf load (on metal)	2460 kg
To take pallets with load capacity	820 kg
Height adjustment interval	50 mm
Type of installation	Plug-in racking
Colour selection	RAL 5010, 2004
Product name attribute	Depth 1100 mm
Type of product	Pallet racking

## Accessories

Locking pin for cross beam	991331
Floor anchor for pallet racking frame	991470
Shims for pallet racking frameSet of 5 pieces Type 5	991481 5
Cross beam pair EGN-DUO 120x50 Cross-beam length 2700 mm	991346 2700