

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



Order data

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| Order number | 991222 4500 |
| GTIN | 4058255110322 |
| 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.

Assembled size of basic rack: 2920 mm.

Cross beams type EGN 120×50×1.5.

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

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| Rack access | double-sided |
| Compartment width | 2700 mm |
| Rack installation | Basic rack |
| Number of rack stiles | 2 |
| Bay load (3 bays each with 3 pairs of cross beams per bay) | 8670 kg |
| Number of storage level | 4 |
| Height | 4500 mm |
| Frame profile | S625-A18 |
| Number of pallet slots per bay | 12 |
| Assembled size basic rack width | 2920 mm |
| Plug-in assembly | yes |

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| Cross-beam type: | EGN 120×50×1.5 |
| Customer assembly | yes |
| Shelf load capacity | 3060 kg |
| Depth | 1100 mm |
| Shelf load capacity / maximum distributed shelf load (on metal) | 3060 kg |
| To take pallets with load capacity | 1020 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

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| 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 120×50 Cross-beam length 2700 mm | 991346 2700 |