

## Pallet add-on rack, Depth 1100 mm, Height: 5000mm



### Order data

|              |               |
|--------------|---------------|
| Order number | 991207 5000   |
| GTIN         | 4058255110155 |
| 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 100×50×1.5.

Assembled size of extension rack: 2786 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) | 6150 kg        |
| Cross-beam type:   | LNS 100×50×1.5 |
| Depth  | 1100 mm        |
| Assembled size add-on rack width                           | 2786 mm        |
| Compartment width  | 2700 mm        |
| Number of storage level                                    | 4              |
| Number of pallet slots per bay                             | 12             |
| Shelf load capacity  | 1545 kg        |
| Number of rack stiles                                      | 1              |
| Customer assembly  | yes            |
| Rack access  | double-sided   |

|   |                 |
|---|-----------------|
| Frame profile   | S610-M18-U      |
| Height  | 5000 mm         |
| Plug-in assembly  | yes             |
| Rack installation   | Extension rack  |
| Shelf load capacity / maximum distributed shelf load (on metal) | 1545 kg         |
| To take pallets with load capacity                              | 515 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 LNS-DUO 110×50 Cross-beam length 2700 mm | 991342 2700 |