

Hi280 Shelving System - Multi Tier

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Hi280 Multi Tier Shelving is a product in the category

Small Part Handling

Hi280 Shelving System Standard

Hi280 Longspan

Hi280 Mobile Shelving System

Hi280 Multi Tier Shelving

Hi280 Shelving System Narrow Aisle

Carton Flow

Longspan Shelving

Plastic Bins & Containers

Sign & Marking Systems

Storage Cabinets

Slotted Angle

S90 - standard

Mobile Shelving S90

Multi Tier - S90

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Descriptions

Small Part Handling > Hi280 Multi Tier Shelving

Hi280 shelving system multi tier, with an interposed mezzanine, is a construction of shelving built into two or more levels. The bottom shelving is the foundation for the mezzanine floor. The posts are extra strong and dimensioned in order to carry the loads from the floor above.

Shelving built as multi tier installations is often used in larger warehouses for spare parts or where the storage of many articles is required often with a low turnover.

The base of a multi-tier installation is the Hi280 shelving itself, built of EK-posts made of 1,2 mm pre-galvanized steel. The posts can be either pervading where the posts also carry the shelves on level two or single EK posts where the mezzanine once built has free standing

References

[Agrimarket, Finland](#)

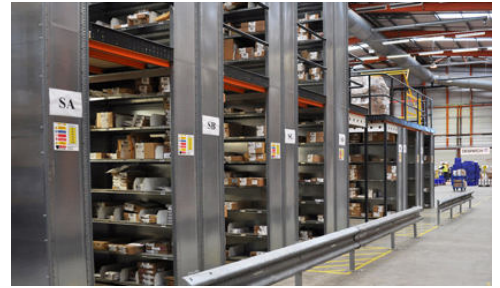
[Electrolux Distriparts, Sweden](#)

[Nissan-Schenker Logistics, Sweden](#)

[Toyota Parts Center, Belgium](#)

single E-K-posts where the mezzanine once built has free standing shelving units above.

The levels are reached by staircases, elevators or conveyor systems.



Product

Small Part Handling › Hi280 Multi Tier Shelving

The concept is based on well known shelving system HI280 as a multi tier installation with interposed mezzanine floor. The design demands high sustaining-capacity of individual components resulting in an installation opening vast opportunities to plan the storing in an optimal way.

The total volume can be used for storing and handling. Low frequency articles are stored in higher located shelving positions while fast movers are located in the ground shelving. Multi tier installations exist in many different areas and are a storage solution related to optimal warehouse utilization more than any particular branch.



Specifications

Small Part Handling › Hi280 Multi Tier Shelving

A multi tier installation requires carefully specification, the total load can be considerable and because of this fact every single installation needs to be individually calculated, thus ensuring the highest possible safety.

The individual components are standard Hi280 parts, but due to the specific demands and possible high loads the installation is completed with stabilizing bracing, though this can depend upon the height of the installation.

Guide lines below:

Dimension

Height: up to 15000 mm. Normal installation is over two or three levels including the ground floor. However, four floors have been created for some customers.

Size

The warehouse building is often the limiting factor.

Loading capacity

The load capacity of the upper shelves is the same as the bottom shelves equal to 75 – 400 kg.

However multitier structures do need to be individually calculated and checked.

Accessories - Hi280 Multi Tier Shelving



Steel In-fill panel

Use to store all kind of goods and items.



Shelf dividers part height

Used to separate stored items and create smaller shelf locations.



Shelf dividers full height

Used to separate stored items and create smaller shelf locations.



Bay Divider

For vertical storage of long goods, like tubes, allowing quick and direct access.



U-support

Compartments can be divided into a number of open bar partitions.



Cross Beams

Allow the storing of large sized goods in a very economical way and save the costs of additional shelves.



Pull Out Drawer

Suitable for storage of smaller goods or items, shown in combination with plastic storage bins.



Shelf drawers and drawers nests

For storing small parts. Shelf drawers positioned directly on the Hi280 shelf or guided in a frame.



Pull Out Tray

Full or part width tray.



Lockable Doors

Full and part height lockable doors.



Base Plinth

Used to create a stop along the front of the bottom shelf.



Label holder

For attaching shelf labels to the shelves. Available in different variations depending on the placement of the shelf, all providing easy identification.



Bin front

Fitted to the front and/or back of a shelf to prevent items from falling from the shelf. Can be stacked on top of each other.



Tyre bracket

Allows the tyre to rest on a larger surface to avoid point loads and flat spots.



Tube rail

Used as a garment rail. Items can be hung from the rail by using hooks also available.



Sign & Marking system

Label holder, self-adhering or with magnetic tape for different kind of shelves and beams. More info about [Sign & Marking system>>](#)



Chipboard Shelves

Use to store all kind of goods and items.



Plastic Storage Bin

Ideal for storing smaller items, available in a number of sizes. More info about [Plastic Bins>>](#)



End Protectors

To protect the shelf uprights from collision.