

Multi Tier - S90

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With a wide selection of shelving options to suit various situations we can offer comprehensive solutions for any small parts storage or picking area.

S90 shelving system, multi-tier or mobile shelving, narrow bay shelving, longspan racking, carton flow and mini load systems mean that Kasten can improve any picking area for optimum space and efficiency.

Multi Tier - S90 is a product in the category

Small Parts Handling

- Small Parts Shelving S90 Standard
- Mobile Shelving S90
- Multi Tier - S90**
- Narrow Aisle S90
- Hi280 - Standard
- Hi280 - Medium Span
- Hi280 - Mobile
- Hi280 Multi Tier
- Hi280 Narrow Aisle
- Carton flow
- Longspan Shelving
- Hi280 - Accessories

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Description

S90 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 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.

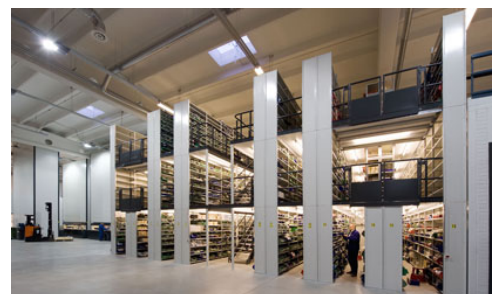
The base of a multi-tier installation is the S90 shelving itself, built of T50 posts made of 1,0 mm pre-galvanized steel. The posts can be either pervading where the posts also carry the shelves on level two or single posts where the mezzanine once built has free standing shelving units above.

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

Small Part Handling › Multi Tier - S90

References

- Nanso Group, Finland
- Agrimarket, Finland
- MTU Detroit Diesel, The Netherlands
- Staples, Germany
- Electrolux Distriparts AB, Sweden
- Toyota Parts Center, Belgium
- Smith & Nephew, Switzerland
- Nissan-Schenker Logistics, Sweden
- Parker Hannifin, The Netherlands



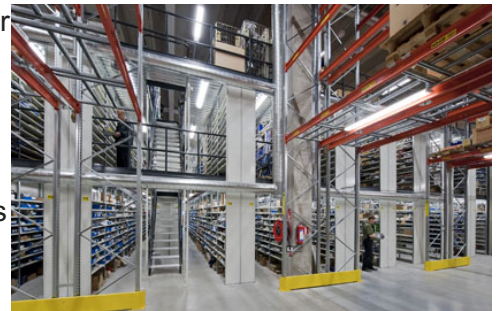


Products

The concept is based on well known shelving system S90 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

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 S90 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.

Dimension

Height: up to 9000 mm. Normal installation is two or three levels including the ground floor.

Size

The warehouse building is often the limiting factor.

Loading capacity

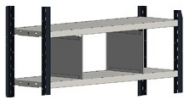
The load capacity of the upper shelves is the same as the bottom shelves equal to 150-200 kg.

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

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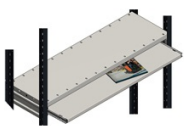
Accessories for Small Parts Shelving S90

**Shelf divider**

Galvanized

**Hanging bar**

Tube galvanized, end bracket grey RAL 9002.

**Pull-out Shelf S90**

For installation under shelf or instead of shelf.

**Hanging bar**

Galvanized

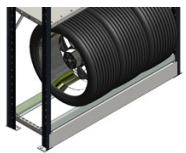
Fitting under the shelf.

**Plinth**

Painted grey.

**Front plinth**

Painted, grey RAL9002.

**Tyre shelf**

Galvanized

Mainly for tyres and rims storage.

**Card holder****Label holder**

Painted, grey RAL 9002.

**Back panel**

Back panels are delivered in two or three pieces. The plastic joining ribs and end ribs are included.

**End panel**

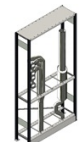
Painted grey or galvanized.

**Dividing panel**

Painted grey or galvanized.

**Double door**

A lockable door unit, which is fixed to the front edge of the bay. Converts the bay to a cupboard.

**Open shelf**

For vertical storage of long goods. Shelf frame divided by bars to the compartments.