



FIGURE
Storage System

LONGSPAN SHELVING

THE MOST UNIVERSAL SYSTEM FOR PICKING

LONGSPAN SHELVING



FIGURE

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ARE YOUR RACKS SAFE ENOUGH?

Safety should always be the top priority when racks are used for more than ten years to store heavy loads.

If your racks are designed and manufactured according to **European Standard FEM 10.2.02**, there will be no need to worry about it.



WHY ARE FIGURE STORAGE RACKS SAFE?

1. European Standard FEM 10.2.02 & SGS tests

Figure storage racks, tested & certified by SGS, meet and exceed European Standard FEM 10.2.02, well-known as one of the top racking standards in the world.

2. Selected Raw Steel

Only Grade A raw steel from selected two of top 10 China largest steel manufacturers is used. Based on enough tests, their steel mechanical properties are approved the most suitable & advantageous for racking loading capacity.

3. Raw Steel Tested Independently

To 100% ensure the steel quality, EVERY SINGLE steel batch is tested by an independent 3rd-party authorized testing organization on steel mechanical properties.

4. Strict 6-step Quality Control

Very strict 6-step quality control covers the whole of production procedures from raw steel purchase to final packing & loading safety.

5. Specialized Testing Equipment

Benefitting from our own specialized testing equipment on racking posts and beams, safety can be assured not only by theoretical calculation and simulation, but also by enough real testing data.

6. 5-year Warranty

Figure provides 5-year warranty on the racking loading safety, the longest term in the industry.



STANDARD EXPORT SEAWORTHY PACKING

Good packing protects good quality.

Standard export packing, designed by Figure especially for container shipping by sea, ensures all racking parts always in safe and good conditions during long-distance ocean transportation.

ADVANTAGES OF FIGURE EXPORT PACKING

- 1. Pallets & bundles** (for long parts) are used for safety during long-distance ocean freight, and easy load & discharge.
- 2. All packing wooden** materials are non-fumigation.
- 3. All packages** are covered by plastic films against dusts & scratches.
- 4. Dunnage air bags** are used between packages against overturning in containers.
- 5. Custom-made packing** could also be available according to clients' special requirements.



Standard Export Packing for Beams



Optional Export Packing for Beams, higher costs, but additional small bundles inside for easy distribution and resale. Please contact us if you need this option.



Loading into containers

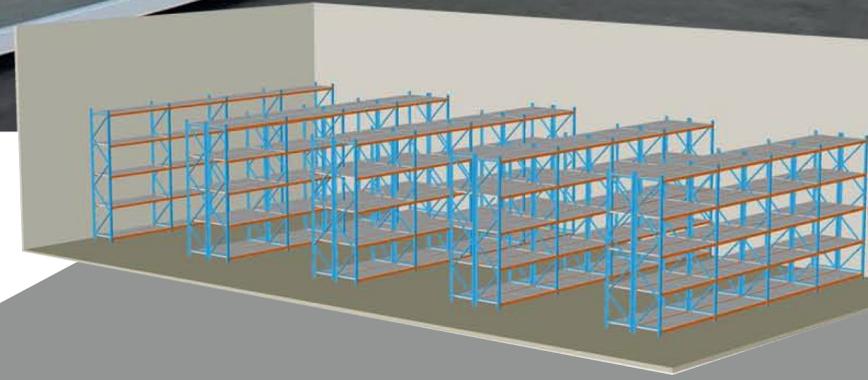
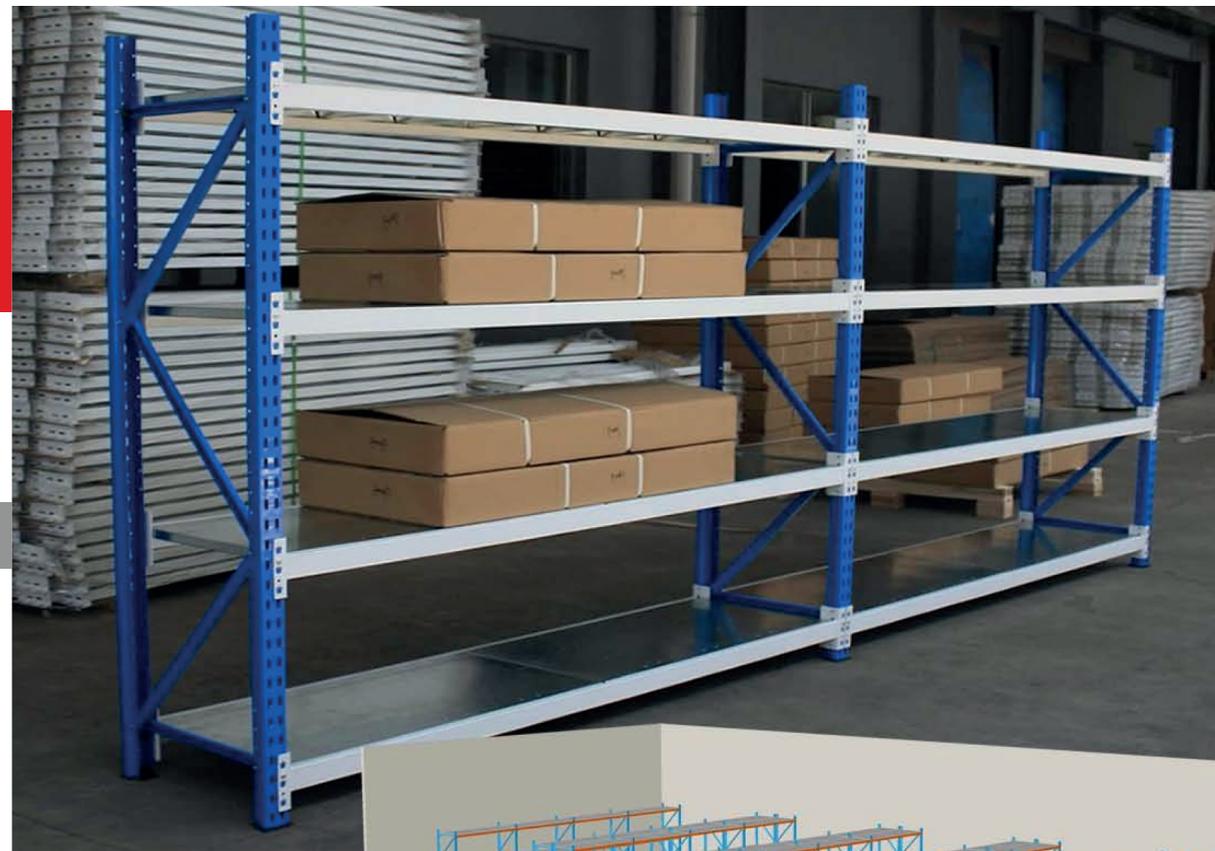


GENERAL FEATURES OF LONGSPAN SHELVING

Figure Longspan Shelving is a strong, durable, versatile and economical shelving system ideal for manual picking of products.

KEY ADVANTAGES

-  **Optimum solution** for manually storing medium and heavy loads.
-  **Loading capacity** 200 kg - 800 kg UDL/ level as general.
-  **Fully adjustable shelf height** by pitch 50mm.
-  **Easy & quick assembly** without need of special knowledge or tools.
-  **A wide range of components** adaptable to your specific storage needs.
-  **Maximizes space** use in any warehouse configuration while retaining optimum product accessibility.
-  **Strength and rigidity prevents** compression damage to goods.

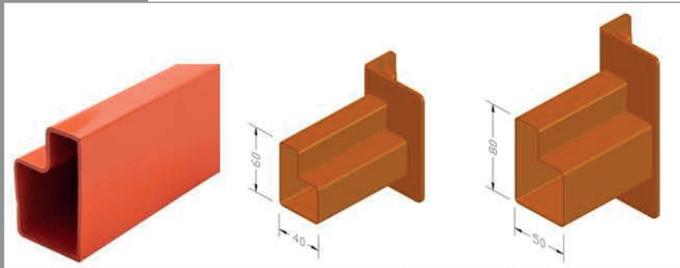


GENERAL FEATURES

Step Beams

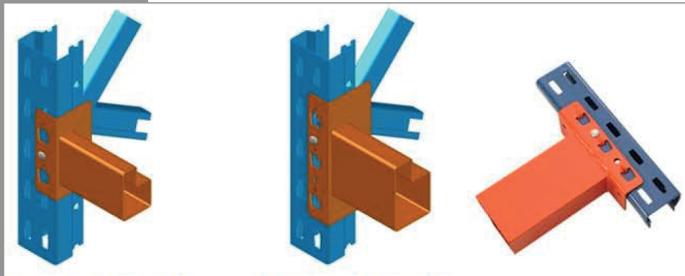
Beams with steps are the horizontal components on which the load is directly stored and on which the shelving decks are fitted in order to store small-size products.

A wide range of beam section sizes and thicknesses are available at Figure to meet your different storage needs.



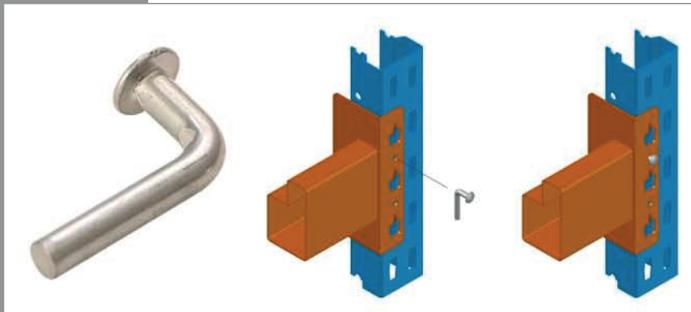
Beam End Connectors

Depending on the section size of beams & loading capacity, FIGURE offers its beam with 2-hooker, 3-hooker connectors with thickness up to 2.5mm.



Safety Pins

Safety pins are located into each beam to give additional protection against the beam dislodging whilst in use.



GALVANIZED SHELVING DECKS

Galvanized shelving decks as standard components, which are on a pair of step beams for storage of small-size items, such like cartons, bins, etc.

As general, there are two or three decks per shelving level.

FIGURE

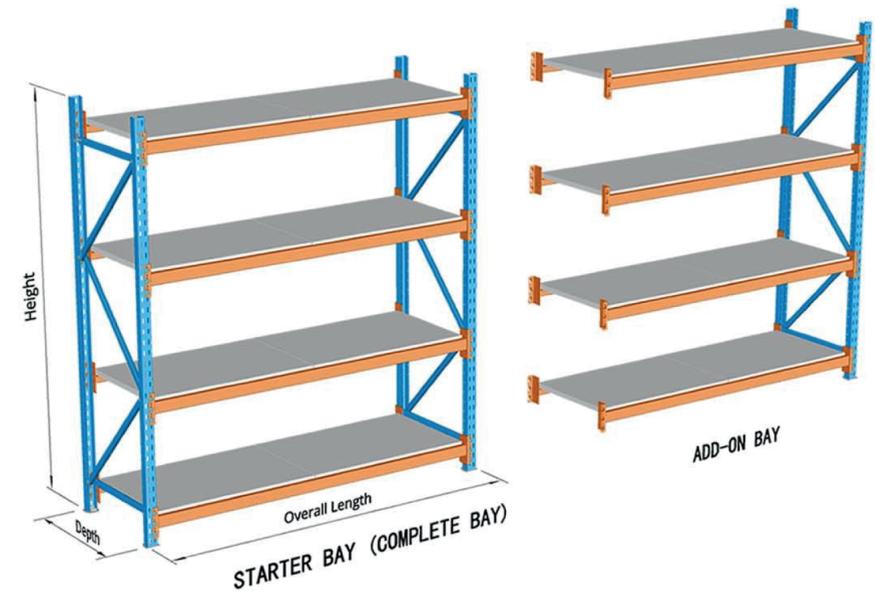
WAREHOUSE RACKS

Our vision is to further establish ourselves as a racks manufacturing industry, while expanding internationally to new markets.

We aspire to be a large-scale corporation with an international spirit, ensuring that we never compromise on the quality and safety of our products.

For us, success is more than mere statistics; it is driven by our passion for excellence.

We believe in long-term business relationships based on mutual goals, ethical business practices, and the single-minded pursuit of delivering the extraordinary.



Racking Height: H2000/2500mm

Standard Height: H2000 or H2500mm. Other heights are also available up to 6000mm.

Depth: D500/600/800mm

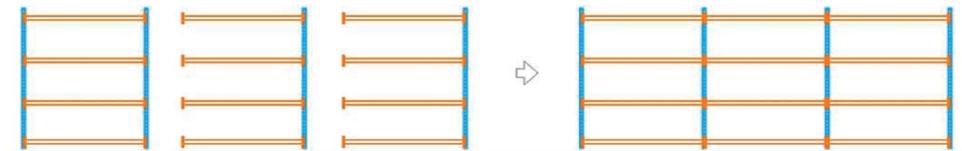
Standard Depth: D500, D600 or D800mm. Other depths are also available if needed.

Overall Length: L1500/1800/2000/ 2400mm

Standard Overall Length: L1500, L1800, L2000 or L2400. Other lengths are also available to process.

Number of Levels: 4 No.

Standard Number of Levels: 4 levels. More levels could be added if needed, for examples, 5 or 6 levels.



Starter Bay 1

Add-on Bay 1

Add-on Bay 2

A Run with 1 Starter Bay & 2 Add-on Bays

Starter Bay (Complete Bay)

Every run needs a first bay which includes 2 upright frames to get started.

Add-on Bay

Continue the run by connecting add-on bays. Each add-on bay is supplied with a single upright frame.

Loading Capacity per Level

The capacity data in the following list are for Uniformly Distributed Maximum Loading Capacity (UDL) each level of shelving.

FRAMES

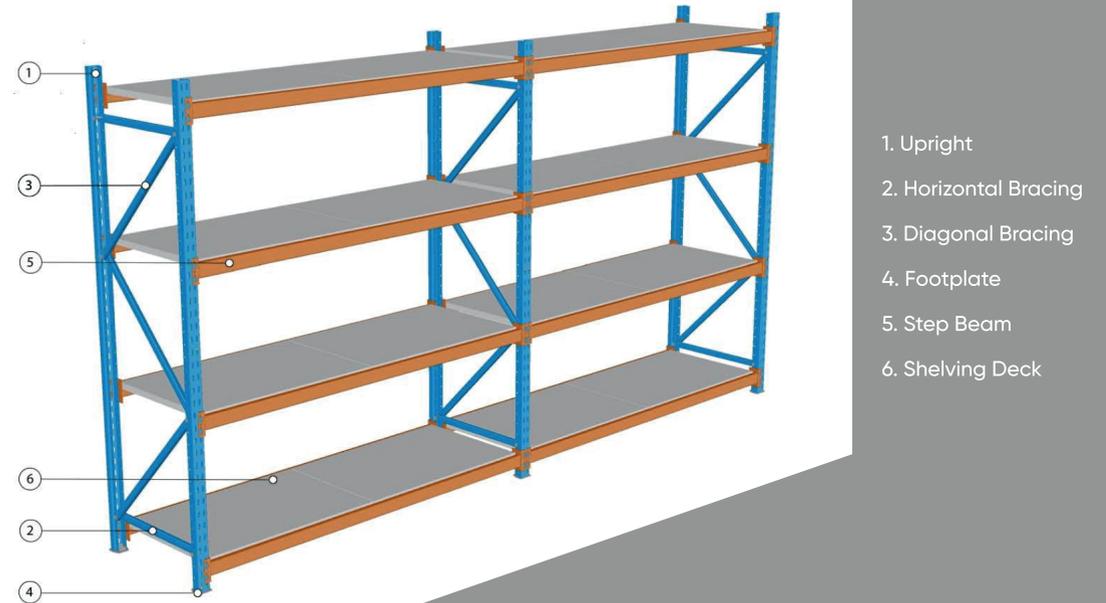
A **frame** is made up of two uprights with the corresponding horizontal and diagonal bracings, footplates and accessories. They are slotted every 50 in order to fit the beams.

GENERAL DIMENSIONS

 **The standard heights of frames:** H2000 & H2500. Other also available up to H6000.

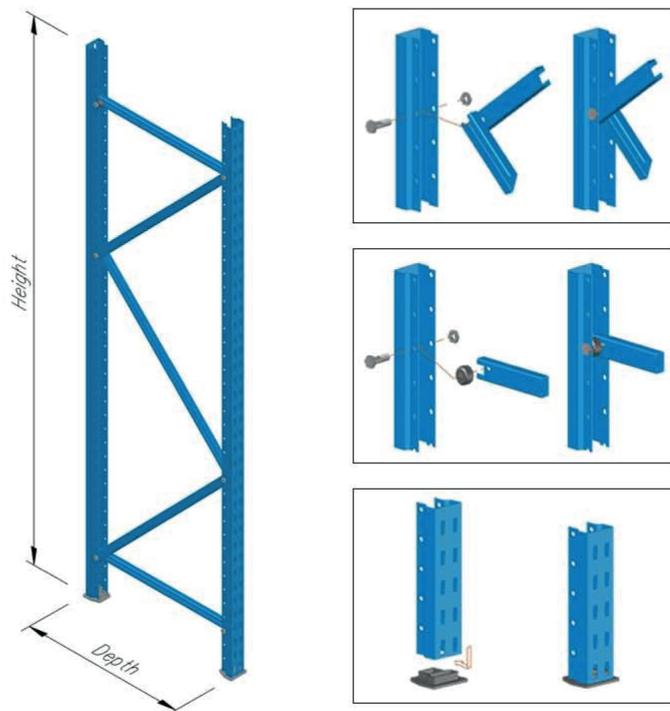
 **The standard depths** are D500-D600-D800mm.

 **If a special height or depth** is needed, please contact Fiare technical department.



1. Upright
2. Horizontal Bracing
3. Diagonal Bracing
4. Footplate
5. Step Beam
6. Shelving Deck

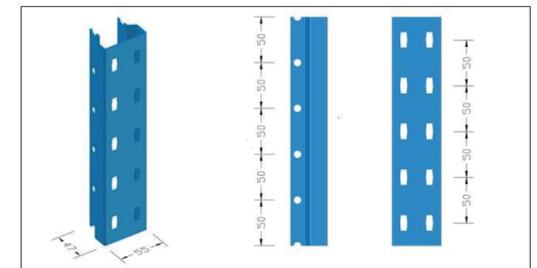
COMPONENTS & ACCESSORIES



Uprights

Figure uprights are punched with symmetric hexagonal slots at 50mm intervals for beam height adjustment.

The different thickness of uprights enable them to be adapted to a wide range of loading requirements.



Footplates

Frames are stood on the floor using footplates which are fitted to the base of the uprights.

