



# Selective Pallet Racking



**maxrac** 美库®  
[www.maxrac.com](http://www.maxrac.com)

## Company Profile

Shanghai Maxrac Storage Equipment Engineering Co., Ltd. is one of the Chinese leading manufacturers of pallet racking and shelving systems with a long standing reputation for product quality, technical innovation and first class customer service. Maxrac provides various racking systems including shuttle intensive storage system, automation intelligent intergration system, pallet racking, shelving, mezzanine, cantilever and carton live storage for many industries, which is manufacturing, logistics, cold chain, retail, E-commerce ect. Maxrac export at least 1000 containers to more than 60 countries per year. All Maxrac products are designed and manufactured in accordance with standard of European FEM, Australia AS4084:2012 and American RMI.

## Foreign Certificate



ISO9001:2008



AS4084: 2012



CE for pallet rack



RMI



CE for radio shuttle



WMS

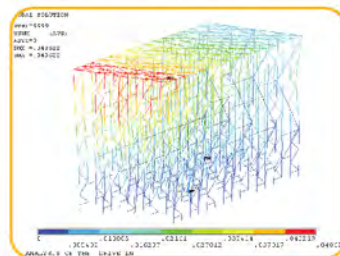
## Domestic Certificate



China Green Warehousing And Distribution



High technology expertise



Shanghai Manufacturing Base



R&D Center



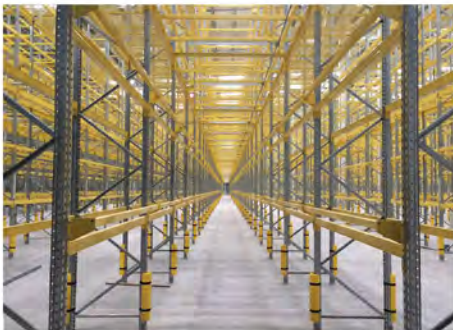
## Maxrac® Selective Pallet Racking

Maxrac® Selective Pallet Racking System improve sufficient use of storage space for palletized loads. With a wide range of options and components available, the system can be customized to meet your precise needs. Selective Racking System provides efficient pallet storage, which is compatible with all types and sizes of pallets along with any type of handling equipments.

Selective Pallet Racking System is designed and manufactured in accordance with ISO 9001 : 2008 International Standards and complies with the AS4084-2012, FEM,RMI. Code of Practice for the design of pallet racking.



### Upright

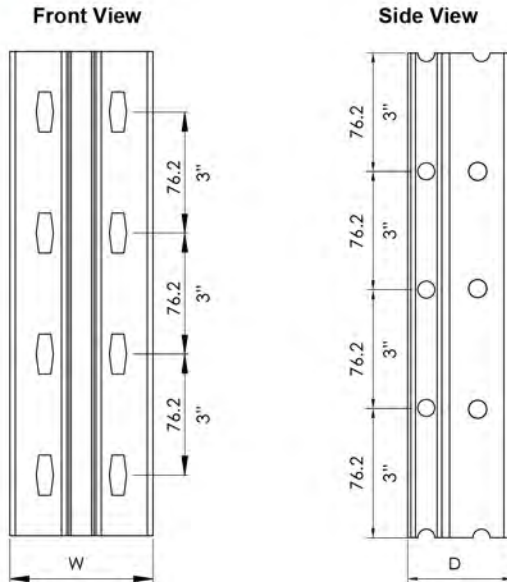


Maxrac® uprights bear the full loads of the pallet racking system. The transfer of rack loads from the beams through the uprights is therefore critical to overall system strength, safety and performance. Superlock upright is designed to carry the rack load on the front face without twisting, distorting or stressing metal.

There are 3" (76.2mm) pitch uprights 50mm pitch uprights available.

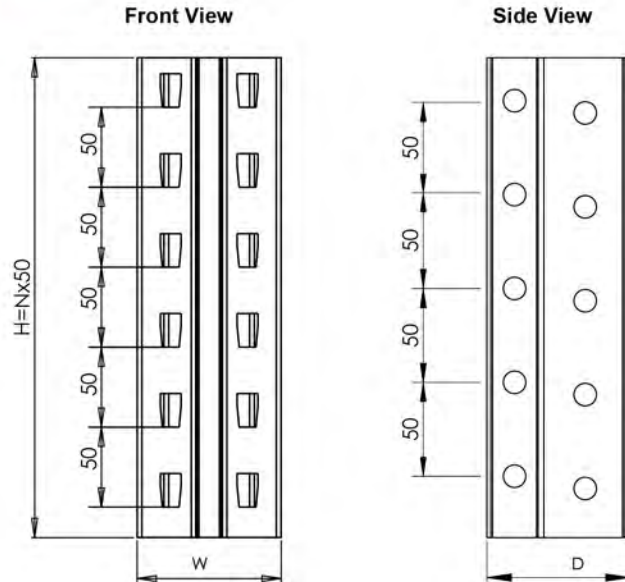
### Hole pitch

#### 76.2 hole pitch



- ★ All units in mm
- ★ Upright Height: All Size Available at 3"(76.2mm) Pitch.

#### 50 hole pitch

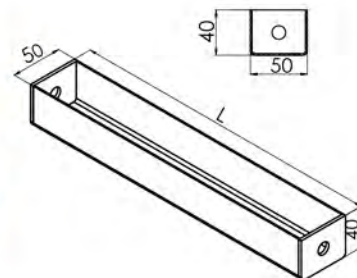


- ★ All Units in mm
- ★ Upright Height: All Size Available at 50mm Pitch.

### Row Spacer

#### Row Spacer

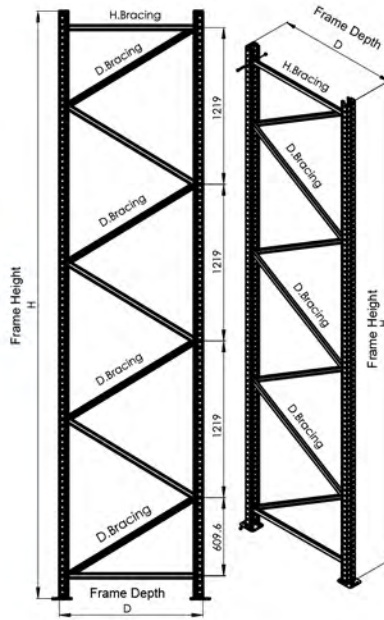
Use: Row Spacers are fitted between frames of double entry racks to increase front to back rigidity and stability.  
 Length: As required.  
 Size: 40×50×1.5mm C Chanel with Endplates.



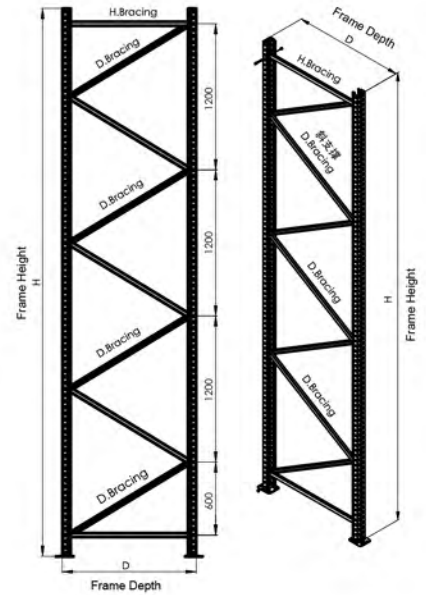
Frame



76.2 Frame



50 Frame



Finish & Color



Powder Coating



Powder Coating



Hot Dip Galvanised



Hot Dip Galvanised

Finish: Powder Epoxy-Polyester Coating, Polymerized at 180 OC, Lead free.

- \* Pre-Galvanised upright & frame bracing are available.
- \* The finish can be Hot Dip Galvanised on request.

## Baseplate & Shim

The baseplate must be fitted to every upright to :

- Provide a smooth bearing surface for the upright.
- Spread the load of the upright over a reasonable area of floor.
- Provide a means of fixing the upright to the concrete floor.
- Provide a means of levelling the upright when necessary.

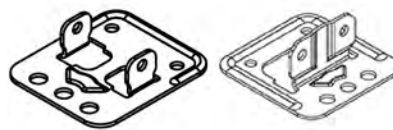
There are five common baseplates in use for different situations.



50 Bolted Baseplate



76.2 Bolted Baseplate



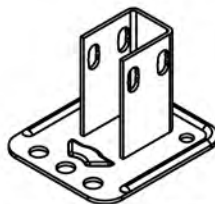
50 Bolted Baseplate 76.2 Bolted Baseplate



Bolted Shim



Reversible Baseplate



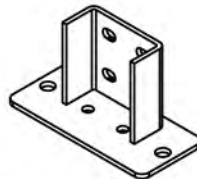
Reversible Baseplate



Reversible Shim



Heavy-duty Baseplate



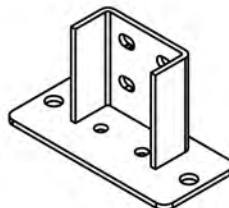
Heavy-duty Baseplate



Heavy-duty Shim



VNA Baseplate



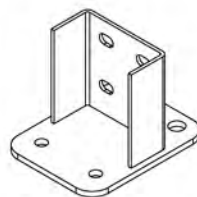
VNA Baseplate



VNA Shim



Drive-in Baseplate



Drive-in Baseplate



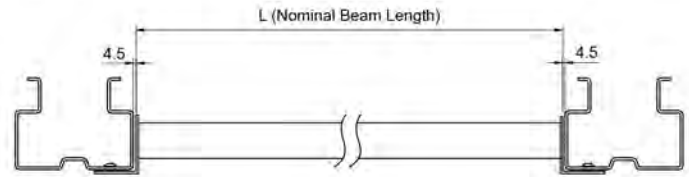
Drive-in Shim

## Beam

### 76.2 hole pitch

#### Beam Length

Beam length is specified as the distance between connector faces, as shown in right draft.

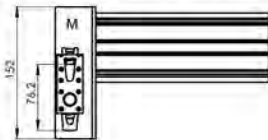


#### Beam Connector

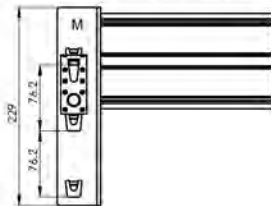
Maxrac® Pallet Racking Beam connector is designed to increase resistance and effectively take vertical loads and moments on specially design high performance hooks.

Beam connector available: 2- hooker, 3 - hooker, 4 - hooker connectors, depending on beam section height and beam loading.

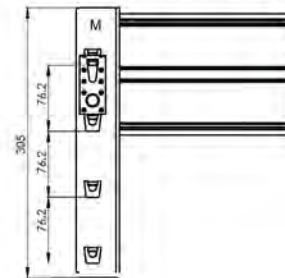
76.2mm 2 Hooker Beam Connector



76.2mm 3 Hooker Beam Connector



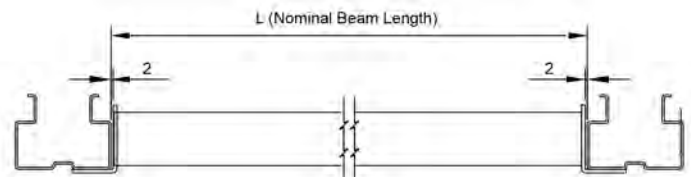
76.2mm 4 Hooker Beam Connector



### 50 hole pitch

#### Beam Length

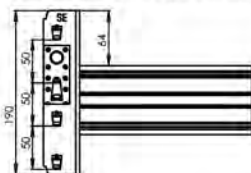
Beam length is specified as the distance between upright faces, as shown in right draft.



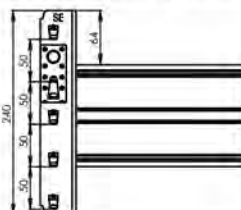
#### Beam Connector

Maxrac® Beam connectors are designed to increase resistance to sideways away movements and effectively take vertical loads and those movements on specially designed high performance hooks.

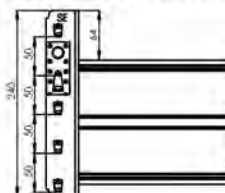
50mm 4 Hooker Beam Connector



50mm 5 Hooker Beam Connector



50mm 5 Hooker Beam Connector



### Safety Lock

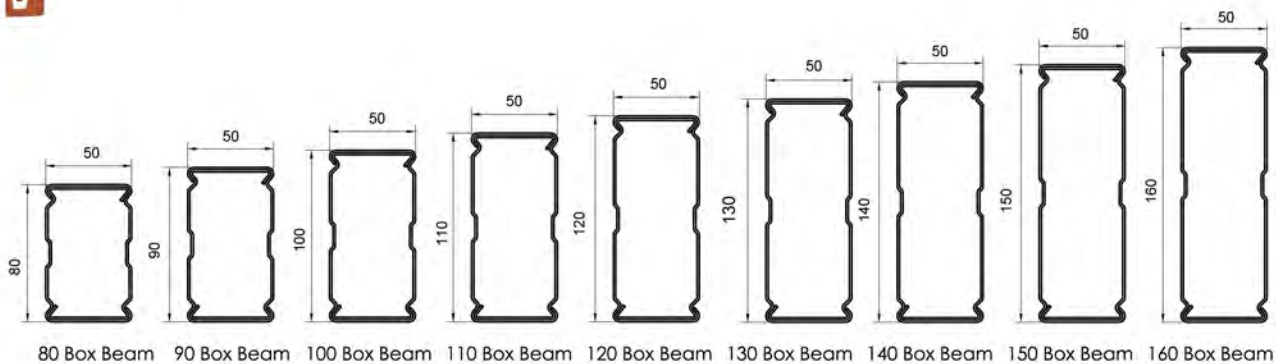
Each beam supplied with spring steel Safety Lock, which guarantee the beams correctly positioned and help prevent the beam being accidentally dislodged during its work. Safety Locks are fixed to beam connectors when being packaged. Special designed safety lock, it's pre-assembled can improve installation efficiency, and also avoid any installation missing spot to improve the whole system safety.



### Box Beam



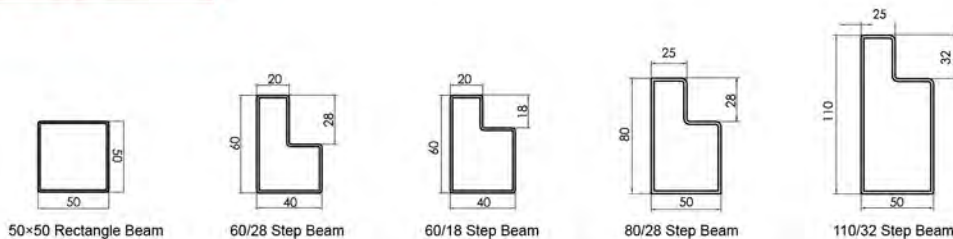
Maxrac® Box beams are available in a comprehensive range to cover most loading requirements. Beam section height available from 80-160mm.



80 Box Beam 90 Box Beam 100 Box Beam 110 Box Beam 120 Box Beam 130 Box Beam 140 Box Beam 150 Box Beam 160 Box Beam

★ Beam Length: All Size Available

### Step Beam



★ Beam Length: All Size Available





## Beam Color



Finish: Powder Epoxy-Polyester Coating, Polymerized at 180 °C, Lead free.

### Standard Colours

Zinc Yellow



RAL 1018

Safety Orange



RAL 2004

Pure Orange



RAL 2102

Sky Blue



RAL 5015

Blaze Blue



RAL 5108

Anthracite Grey



RAL 7016

Traffic Grey



RAL 7042

\* Zinc Plated & Hot Dip Galvanised are available on request.



1. **Corner Protector** safeguard the stability of the structure during fork truck picking and replenishing operations.
2. **Clip-on Style Upright Front Protector** can protect upright against collision.
3. **Post Protector.**
4. **Pipe Bumper Protector.**
5. **Bumper Protector.**
6. **Flooring Guide Rail** protects rack base, and provides effective guidance for narrow-aisle and turret trucks.
7. **Pallet Support Bars** provide support for pallet depth which may be less than the depth of the rack.
8. **Post Pallet Channels** provide positive and safe location for the feet of post pallets and stillages.
9. **Shelf Panels & Shelf Support Bar** can be used on any beam length.
10. Awkward loads, such as coils or barrels, are held securely using **Coil Support Bar.**
11. **Fork Entry Bars** clip over beams, to allow loads to be stored and handled by forklift truck, without using pallets.
12. **Wiremesh Decking** can prevent pallet from falling down.
13. Upright can be spliced by **Upright Splicers** to provide high-bay storage up to 30m.
14. **Baseplates** reduce the risk of floor damage, while firmly anchoring the rack.
15. The rigid Maxrac® structure allows for ground level storage where suitable, to make most use of available space.
16. "Maximum Loads—kgs" and "Maintenance of Racking Structures Signs" can be fitted to racks to encourage safe use.
17. Sign.

## Maxrac® Pallet Racking Solutions

### Introduction

- Maxrac® Pallet Racking System is recognized as the worldwide most efficient and versatile pallet storage racking system.
- Infinitely adjustable, and offering a wide range of options and components, the system provides a solution to maximise space use in any warehouse configuration while still retaining the prime requirement of optimum product accessibility.
- Maxrac® System can be protected against fork truck operator error and accidental impact damage. It features a selection of frame and beam sections and sizes to accommodate light and heavy duty needs, and has variety of optional storage accessories for awkward and un-standard loads.

The system is compatible with all sizes and types of pallets & containers, which can be used with all available handling equipments.

- Maxrac® Pallet Racking System is designed and manufactured to international quality standard ISO9001-2008, complies fully with Australian storage racking standard AS4084-2012 and relative international standards FEM, RMI etc.
- Maxrac® Pallet Racking System has been progressively developed years, during which time it has earned a class-leading reputation for quality, reliability and workplace safety in warehousing and distribution operations in Australia, Asia Pacific, Europe, America and around the world in every continent.
- Maxrac® System is undeniably the best.





*Speed up your logistics*

**SHANGHAI MAXRAC STORAGE EQUIPMENT ENGINEERING CO.,LTD**

ADD: 1204, Yong Ye Mansion, No. 2240 South Pudong Road,  
Pudong New District, Shanghai, P.R. China 200127

Tel: +86-21-51876818 Fax: +86-21-51876819

E-mail: [sales@maxrac.com](mailto:sales@maxrac.com)

[www.maxrac.com](http://www.maxrac.com)

