Selective Pallet Racking

maxrac 美库
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 integration 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, Australian 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
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

Front View

Side View

All units in mm

Upright Height: All Size Available at 3" (76.2mm) Pitch.

50 hole pitch

Front View

Side View

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: 40x50x1.5mm C Channel with Endplates.
Frame

76.2 Frame

50 Frame

Finish & Color

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.
**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.

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**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.
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.

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.

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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 forklift 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.
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