



Drive-in Racking System



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 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 pallte rack



RMI



CE for radio shuttle



WMS

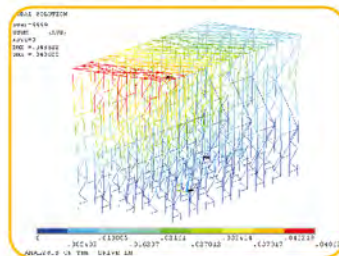
Domestic Certificate



China Green Warehousing And Distribution



High technology expertise



Shanghai Manufacturing Base



R&D Center



Drive-In Racking System

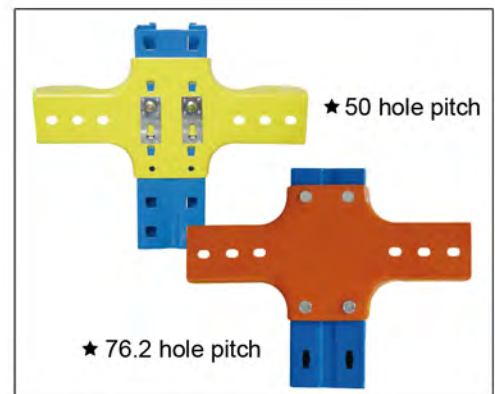


Maxrac® Drive-In racking is used where high-density storage is required. It is frequently used in facilities with a low number of product lines. Pallets are stored in a block system with two blocks generally served by one operating aisle.

The trucks drive into the racking to load or retrieve pallets, which are stored on cantilevered rails running throughout the system. The first pallet in is the last one out FILO (First in, Last Out) unless a Drive-Through system is used whereby pallets can be loaded or retrieved from either side.

Advantages

- High density storage allowing a greater number of pallets to be stored per cubic metre than other storage systems.
- Low stock rotation suitable for seasonal goods and fluctuating stock demand.
- Ideal for cold and chill storage and bulk storage applications.
- Suitable for easily damaged or fragile loads, which cannot be block stacked.

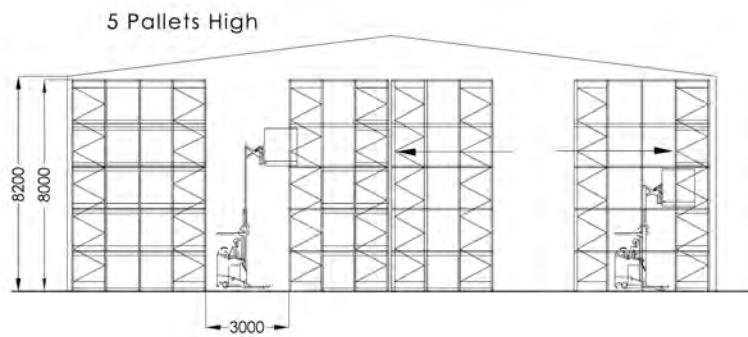
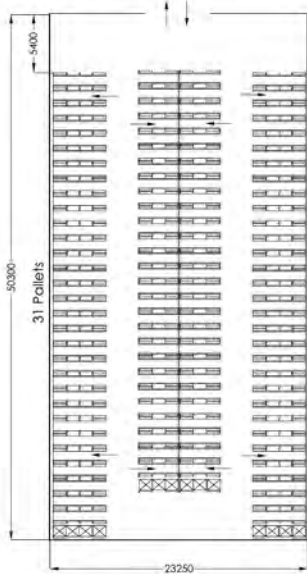
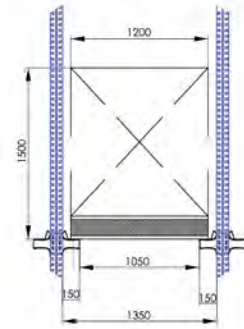


Solution Design

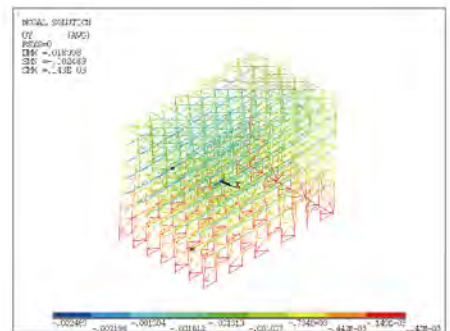
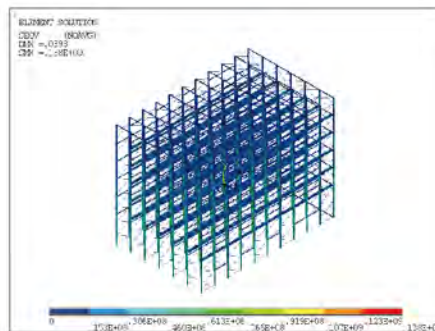
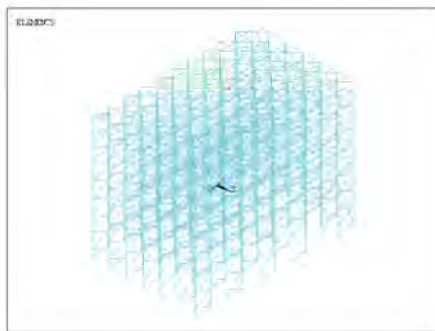
Forklift trucks drive into lanes on racking specially built to provide support to the pallet along the pallet sides.

Stacking often to 10 meters high and 4 or 5 but occasionally even more than 10 deep. This system can provide very dense storage capacity, often low in access and rotation of products. As the truck enters the racking, special precautions apply to ensure the compatibility of design between the truck, pallet and load and the racking. Flat floors are advantageous.

Usually the rack design incorporates a stability structure at the rear of the rack and therefore drive in indicates single access from one side. Drive through requires this same stability to be provided by a variation in design.



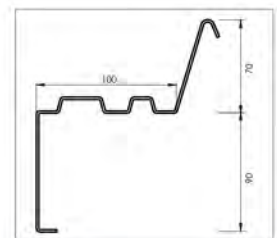
DRIVE-IN RACKING FOR 2080 PALLETS



Maxrac® selects the type of drive-in pallet racking by calculating which strictly complying with FEM 10.2.02 - Static Steel Pallet Racking, April 2001 V.1.02, SEMA & SEMA Section X and AS4084-2012 - Steel Storage Racking. Considering the initial defect of racking, seismic loading and accident crash in mechanical analysis, we offer optimized warehouse storage type for customers on the premise of assuring continuing safety.

Pallet Support Rails

The pallet rail is ideal when all of the pallets to be stored with the same size, as it means that they can be centralised which eliminates the merchandise from colliding with the sides of the racking structure.

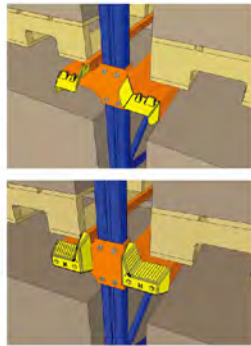


Top & Spine Bracing

Maxrac® Full Top Bracing and Full Spine Bracing solution is a special design which considering safety factor carefully, it's been tested in some pretty seismic countries and proved as a safe and reliable system.



Optional Components



Pallet Rail lead in

Pallet Rail lead in are installed at the end of pallet rails in each of the loading aisles of drive-in racking system. They help to guide the pallet at the entrance to each aisle.

There are **Steel & Plastic Pallet Rail Lead-ins** available.



Flooring guide rails

- Prevent the pallets colliding with the sides of the racking structure.
- Enable the forklift trucks to be equipped with side wheels so that they are centralised when moving inside of the storage aisles.
- Levelling the racking system.
- Uniform loading.



Upright Front Protection

These are installed at the front of the first upright of each row of frames and provide protection against possible minor impacts.



Speed up your logistics

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