



PALLET RACKING

- **ADJUSTABLE RACKING**
- **NARROW-AISLE RACKING**
- **DRIVE-IN RACKING**
- **MOBILE RACKING**
- **PALLET LIVE STORAGE**
- **RACK PROTECTION SYSTEMS**

EUROMECH PALLET RACKING

EUROMECH PALLET RACKING consists of a full range of basic components and accessories to meet all of your requirements. The system is designed and tested to provide safe and efficient storage of all sizes and weights. Euromech's extensive product range and industry experience means it can develop and match pallet storage solutions to meet precise customer needs.

Whether you need long-term, high density storage, speedy retrieval from stock or high volume throughput, Euromech can design a system to meet your specific requirements.

ADJUSTABLE PALLET RACKING



ADJUSTABLE PALLET RACKING is the most widely used storage system for all palletised and non-palletised loads. Single or double-sided runs of racking are separated by aisles that can be sized to suit the customer's forklift trucks.

- High accessibility to all pallets
- Designed to suit all load sizes and available space
- Use of standard forklift trucks
- Easily installed and repositioned
- High occupancy rates

NARROW AISLE RACKING



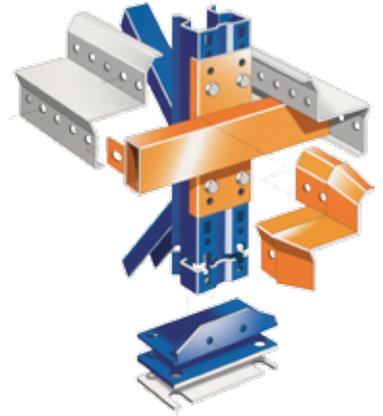
NARROW AISLE RACKING consists of Adjustable Pallet Racking but with rows installed closer together eliminating the wasted space of wide aisles. The pallets can be stored to a greater height to maximise the available headroom. The system is operated by special narrow aisle trucks, guided by floor-mounted rails or electronic wire guidance fitted in the floor.

- 100% accessibility to all pallets
- Configuration for maximum storage, density and efficiency
- Specialist narrow aisle fork-lift trucks are required to work in the reduced aisle
- Better space utilisation
- High occupancy rates

DRIVE-IN RACKING



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 a reduced number of aisles. Forklifts 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 unless a Drive-Through system is used whereby pallets can be loaded or retrieved from either side.



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

MOBILE RACKING

MOBILE RACKING is a high-density system designed to provide maximum accommodation with maximum availability. The racking runs are mounted on mobile bases which move on floor-mounted rails. The bases are electrically driven and electronically controlled to provide access to the required aisle.

- Maximum use of floor space as only one operating aisle required
- High occupancy rates
- 100% access to all pallets
- Particularly suitable for cold rooms
- Use of conventional fork-lift trucks



PALLET LIVE STORAGE

A compact storage method, combined with the first-in/first-out principle. The pallets are stored in a block system on inclined roller conveyor tracks supported on pallet racking. Pallets are loaded from one end and roll forward under the force of gravity when a pallet is retrieved from the bottom end. Can be used for either pallet or carton storage applications.

- First in first out system providing automatic stock rotation
- High density storage
- One dedicated loading face and one retrieval face facilitates movement of goods through the warehouse



PRODUCT FEATURES

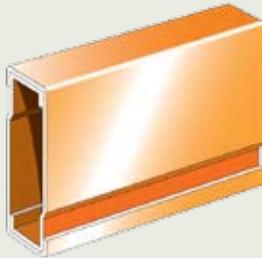
UPRIGHTS

Uprights are available in 80, 100, 120 and 140mm widths and in a thickness to suit different load bearing applications. All uprights are made of high quality micro-alloy steel allowing them to be installed in cold stores.



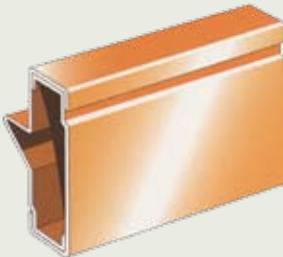
BEAMS

Available in a wide range of height and width dimensions and in lengths up to 4500mm. The box shape is highly resistant to torsion and provides great strength and stiffness in the vertical and horizontal planes.



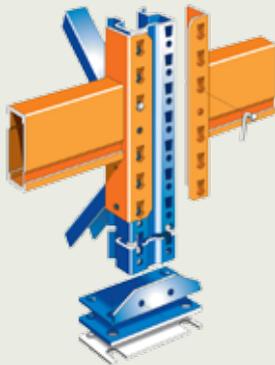
The box profiles are available in widths of 40, 50 and 60mm, so that sufficient stiffness can be accommodated in all circumstances.

The step-down beam has the same properties as the box beam. It differs in having a profiled shelf support edge, suitable for steel panels or timber shelves.



LOCKING

The standard hook-in connector fits into the conical upright perforations without any clearance. Height adjustability is 50mm. The height of the beam end connector is 200mm.



These are made of high quality micro alloy steel. To prevent the hook-in connectors being dislodged by an upward force, they are secured with a solid safety pin with a diameter of 10mm; these fit into the upright perforation with a minimum of clearance.

PALLET SUPPORTS

Depending on their quality, it may be necessary to improve the bearing of pallets with pallet support bars.



RACK PROTECTION & SAFETY

- Upright Protectors**

The uprights located at the end of rows are most susceptible to forklift damage. Protect the upright frames at the end of rack rows with rack protection. By using a combination of floor-anchored wraparound column protectors on the front of uprights and end-of-aisle rack protectors you can reduce costly forklift damage to your rack system.



- Cross Aisle Protection**

Damage caused by constant cross aisle traffic can be eliminated by using single or double sections with intermediate floor supports and energy absorbing corner protectors.



- Anti-Collapse Mesh**

A versatile anti-collapse cladding system for cladding areas of pallet racking that face onto a pedestrian aisle. All panels are made to suit pallet bays and the system completely eliminates the need for any cutting on site.



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