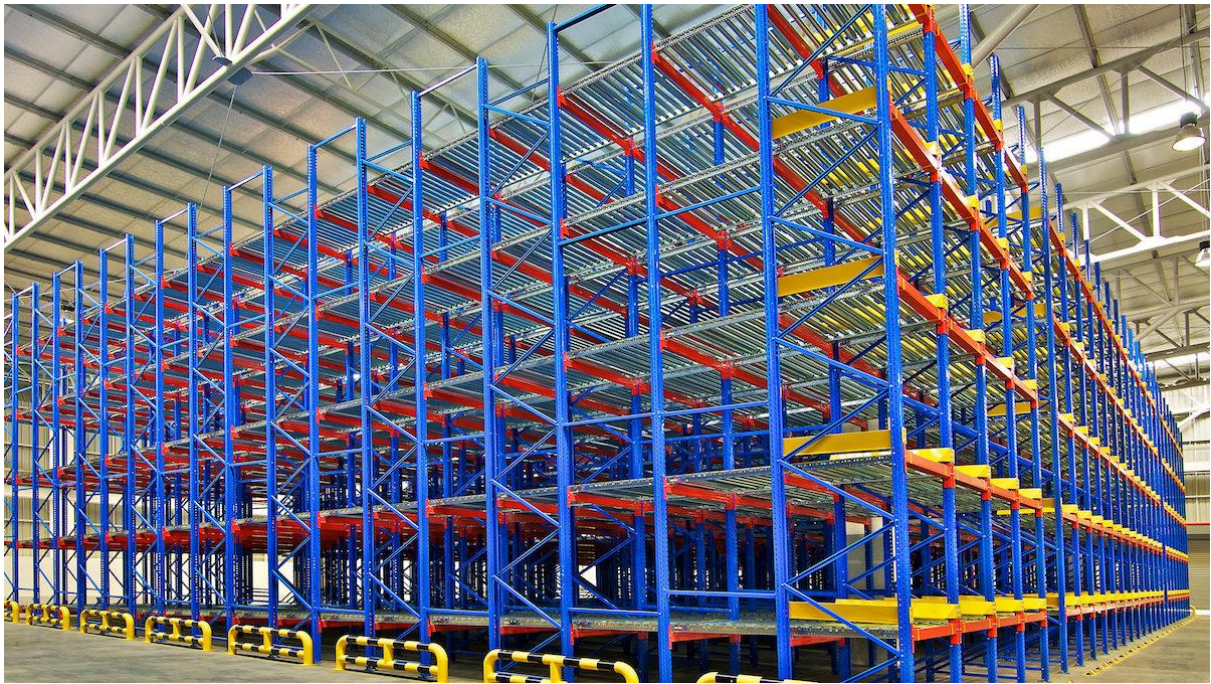




HEAVY DUTY RACKING SYSTEMS



Selective Pallet Racking



Selective Pallet Racking is the simplest & economical racking system which allows 100% accessibility to each pallet. This racking is suitable for large variety of SKU's irrespective of quantity.

Benefits

- Scalable – Vertically and Horizontally
- Adaptable to varying pallet / load heights
- Wide range of beam & uprights offer the most optimal solution for any pallet size/load
- Suitable to all applications such as RM stores, FG stores, Distribution Centre etc
- Compatible to most of the Material Handling Equipments (MHE) like Forklift, Stacker, Reach Truck
- Variety of Racking Accessories are available to enhance safety during the pallet handling operation of MHEs
- Suitable to offer fast throughput
-

Accessories

- Pallet Supports
- Entry Guide Pallet Support
- Fork Entry Bars
- Pallet Stopper
- Upright and Row Guards

Double Deep Pallet Racking



Double Deep Pallet Racking is also simple & economical racking system which allows 50% selectivity. This racking is also suitable for medium or less variety of SKU's irrespective of quantity.

BENEFITS

- Scalable – Vertically and Horizontally
- Adaptable to varying pallet / load heights
- Need special Material Handling Equipments with extended reach telescopic / pantograph
- Wide range of beam & uprights offer the most optimal solution for any pallet size/load
- Suitable where SKU variety is not high and ideally 2 pallets of same SKUs are to be kept one behind the other

Very Narrow Aisle Pallet Racking



VNA stands for “Very Narrow Aisle”. There are Material Handling Equipments which needs very narrow aisle, i.e. less than 2 meters. Hence more pallet positions are possible compared to other MHEs. VNAs can reach up to 12 metres high.

VNA Racking is nothing but Selective Pallet Racking but compatible to VNA Equipment. This VNA equipment needs special guides. These guides may be mechanical rails or electrical wires. Mechanical guide rails are widely practiced for ease and economy. However, VNA equipments demand high level of floor accuracy.

BENEFITS

- Scalable – Vertically and Horizontally
- Adaptable to varying pallet / load heights
- Need special Material Handling Equipments and guides
- Wide range of beam & uprights offer the most optimal solution for any pallet size/load
- Suitable to all applications such as RM stores, FG stores, Distribution Centre etc.
- Offer fast throughput

Drive In Pallet Racking



A dense storage system, conceptualized for managing few varieties of SKUs produced or dispatched in batches. As evident from the name, Material Handling Equipment like reach trucks drive inside the racks to access the pallets. Each storage bay is one pallet wide.

HIGHLIGHTS

- Can be configured for LIFO/FIFO dispatch
- Suitable for industries involved in batch production
- Safety & Stability elements to support your operation
- Adaptable to varying pallet / load heights
- Wide range of accessories to enhance safety during operations

Mobile Pallet Racking



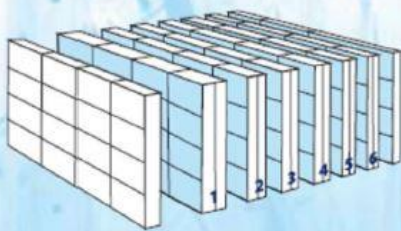
Powered mobile racking

Advantages

Demonstration studies

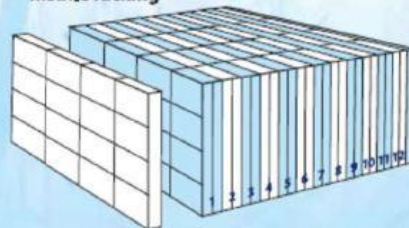
> Example 1: Storage capacity increase in an existing warehouse

Existing warehouse with static pallet racking



Storage capacity of the warehouse: **672 pallets**

Existing warehouse after installation of powered mobile racking



Storage capacity of the warehouse: **1248 pallets**

Racks on wheels, designed for 100% accessibility to each pallet, while ensuring high density of storage. Remote controlled operations, to create aisles instantly at your command. Best of all worlds, at your fingertips!

HIGHLIGHTS

- Suits well for any industry with variety of SKUs
- Electrically driven and PLC controlled
- Compatible with all material handling equipments
- Six levels of safety measures
- Anti black-out feature to manage power failure
- Automatic lighting system to save power
- Upgradeable from current static racks

Cantilever Racking



Cantilever racking is specially designed to store long items or items of varying length, such as metal beams, pipes, moulding, wooden crates etc. Depending on the height and weight of the merchandise, either light or heavy duty racking are available.

BENEFITS

- Suitable to store long items
- Handling through special MHEs or Forklifts with special attachment

Push Back Pallet Racking



Push Back Pallet Racking is another form of dense storage system to utilize maximum 'Storage Cube'. The sequence of pallet loading is done by pushing the first pallet back. Hence, except for first pallet, the loading of pallet is through "MHE Push". However, the sequence of pallet availability for unloading is by gravity. For this purpose, the pallet carts are fitted with rollers. This racking has loading and unloading on the same end. Hence by default, this system operates on LIFO (Last In First Out). This system is designed to store pallets of multiple high and multiple deep. Each level shall be dedicated to one type of SKU only.

BENEFITS

- Suitable where quantity is less while SKU variety is not so
- Suitable to act as buffer storage area
- Adaptable to varying pallet / load heights
- Range of uprights and cart / roller designs to offer the best solution for any pallet size/load
- Compatible to most of the Forklift, Stacker & Reach Truck models
- Variety of Accessories are available to enhance safe pallet movement

Pallet Flow Racking (Gravity Flow)

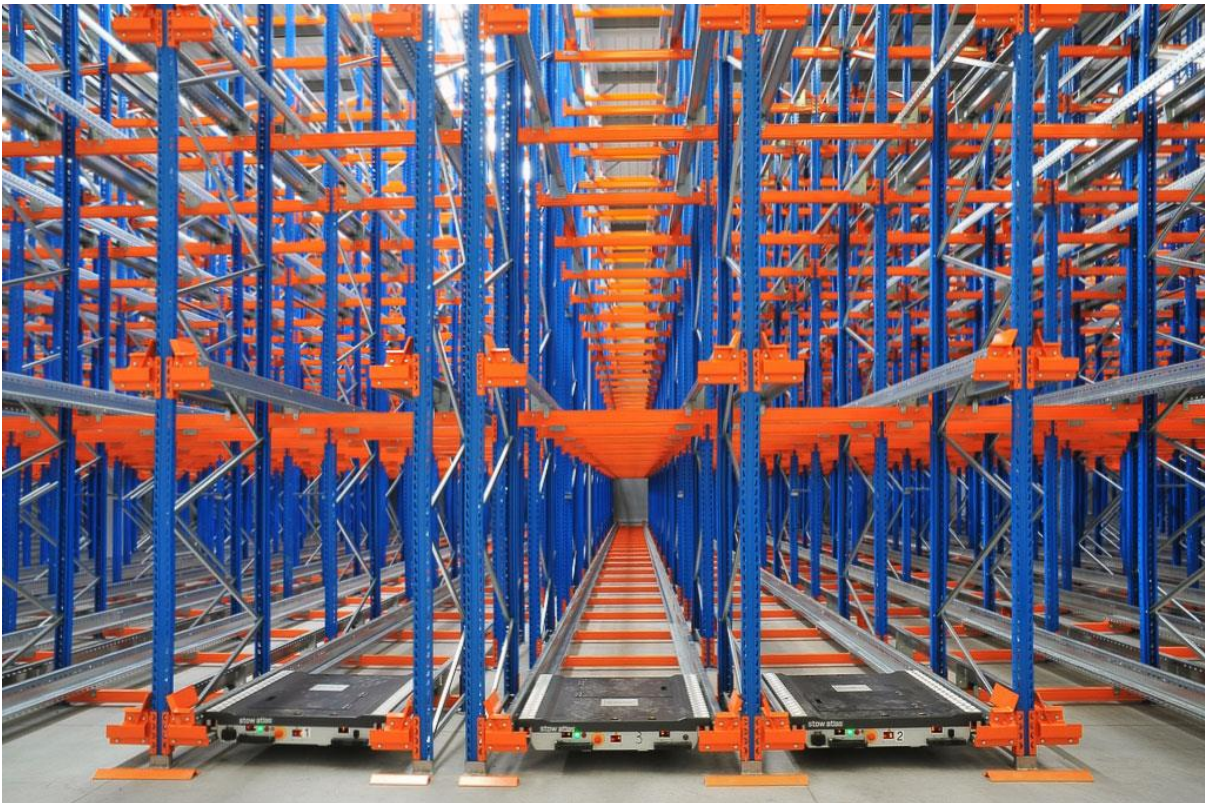


Pallet Flow Racking is another form of dense storage system to utilize maximum 'Storage Cube'. As the name depicts, Pallets flow from one end to another end by gravity force on metal rollers. Hence by default, this system operates on FIFO (First In First Out). This system is designed to store pallets of multiple high and multiple deep. Each level shall be dedicated to one type of SKU only. This racking is suitable for batch production / storing homogeneous products and expiry date for SKU is critical. This racking has pallet loading on one end and unloading on the other end.

BENEFITS

- Suitable to all applications where SKU variety is less or homogeneous
- Suitable for industries involved in batch production
- Suitable to act as buffer storage area
- Adaptable to varying pallet / load heights
- Range of uprights and roller designs to offer the best solution for any pallet size/load
- Compatible to most of the Forklift, Stacker & Reach Truck models
- Variety of Accessories are available to enhance safe pallet movement on rollers
- High Throughput and equipment handling is minimal

Shuttle Pallet Racking



Shuttle on racks, designed to swiftly carry pallets to the forklifts. Remote controlled operations to move shuttles within the racks. Configurable in LIFO/FIFO, this solution ensure fast throughput while improving storage density.

Highlights

- Suits industries with limited variety of SKUs
- Ideal for buffer storage to manage seasonal demands
- Interactive radio transmitter to move goods
- Operation by remote control
- Driven by rechargeable battery
- Compatible with all material handling equipments
- Highly safe, as forklifts stay away from the racks
- Operate in sub zero temperatures upto -30 degrees.
- Custom setup to enhance efficiency and speed
- Upgradeable from current static racks