



EXPERTS IN WAREHOUSE
DESIGN & AUTOMATION



Stematic™
Engineering Your Future Needs

◀◀ 360°

TURNKEY SOLUTION

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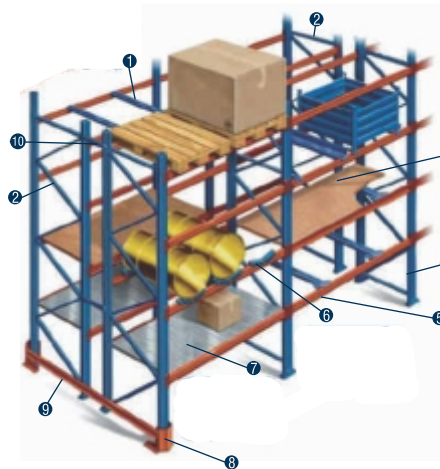
SPECIALIZED
FOR



INDUSTRIAL STORAGE RACKING & ACCESSORIES

- ✓ LONGSPAN SHELFING
- ✓ HEAVYDUTY PALLET RACKS
- ✓ MULTITIER STORAGE RACKING
- ✓ MOBILE RACKS AND COMPACTORS
- ✓ CANTILEVER RACKING
- ✓ MEZZANINE FLOORS
- ✓ FLOW RACKS
- ✓ RACK SUPPORTED WAREHOUSES
- ✓ DIE STORAGE RACKS
- ✓ LEAN MANUFACTURING RACKS
- ✓ INDUSTRIAL WORK STATIONS
- ✓ CLOSED STORAGE SYSTEM
- ✓ STORAGE BINS, CRATES AND PALLET
- ✓ UTILITY PRODUCTS
- ✓ METAL PALLET AND TROLLEYS
- ✓ BARRIGATES AND FENCING





1. Pallet Resting Support
2. Cross Bracing
3. Wooden Panels
4. Uprights
5. Load Member (Beam)
6. Drum Holders
7. Steel Decking Panels
8. Column Guard
9. Row Guard
10. Back Connectors



Main Module

Addon Module

Starter unit - 2 upright frames + beams
 Addon unit - 1 upright frames + beams
 1 starter unit along with several addon units to make a long row as you want



Longspan Shelving

Rigid modular design, with easy demandable and flexible adjustments of levels, used for medium and heavy manual storages and provide with shelving options like galvanized or powder coated multifold decking. Options of multitier usages for high raise utilizations. Customised load capacities from 200 Kg to 3 Tons UDL per level.

Heavyduty Pallet Racks

Pallet Racking system is a feasible solution for wide range of products of raw material and finished goods. Pallet racking provides a best utilization out of high raise factory buildings in combination with material handling equipments like electric stackers, reach trucks, VNAs etc. Easy loading and selective retrieval options.

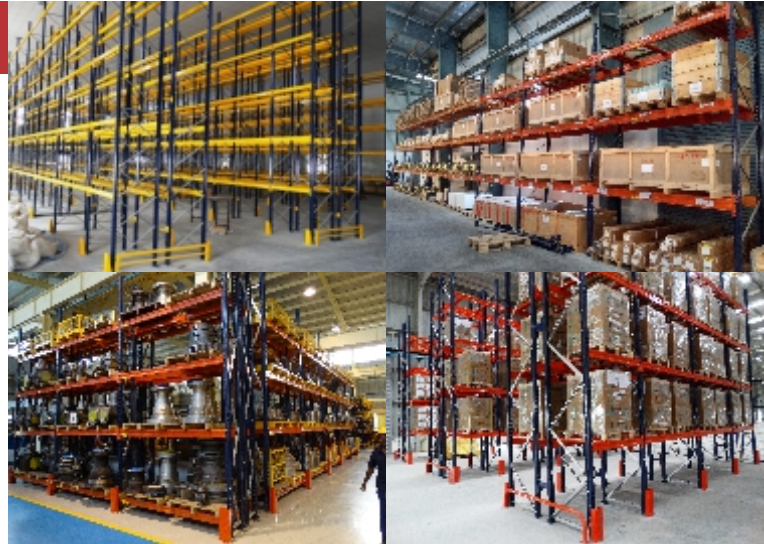
The types of Pallet Racking system are:

- ◆ Selective Pallet Racking
- ◆ Double deep Pallet Racking
- ◆ VNA Racking
- ◆ Drive-in Racking

Selective Pallet Racking

A regular model which has a wider aisle space operated with forklift, stacker or reach truck with options to select the pallet at any location stored.

Operation will be easy storage and retrievals. The load capacities and layers can be planned for customer requirement.



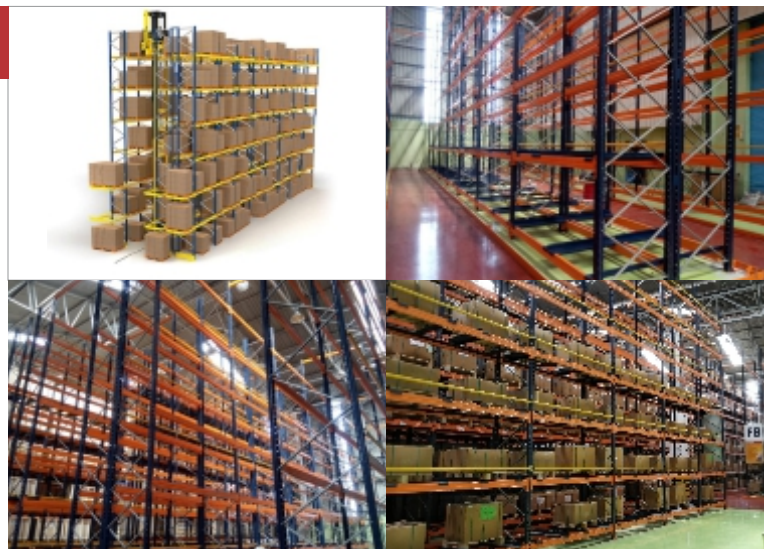
Double Deep Pallet Racks

Double deep racking are similar model of regular pallet racking but the racks are aligned on back to back row wise, to access pallets one behind the other. A special equipment like double deep stacker or similar is used to access the pallets. Advantage is more cubical space with reduced number of aisle space.



VNA Racking

VNA Racking is a similar high raise form of selective pallet racking used with a floor guide and limited aisle space for 1600 mm. The MHE for operation will be a Very Narrow Aisle truck. The VNA racking ensures a best vertical space utilisation with pallet selection option.



Drive-in Racking

Simple construction, modular design, easy to install and quick modifications, economic modules, flexible storage loads upto 1.5 Ton per pallet location. Ideal for finished goods warehouses FIFO is to be followed.



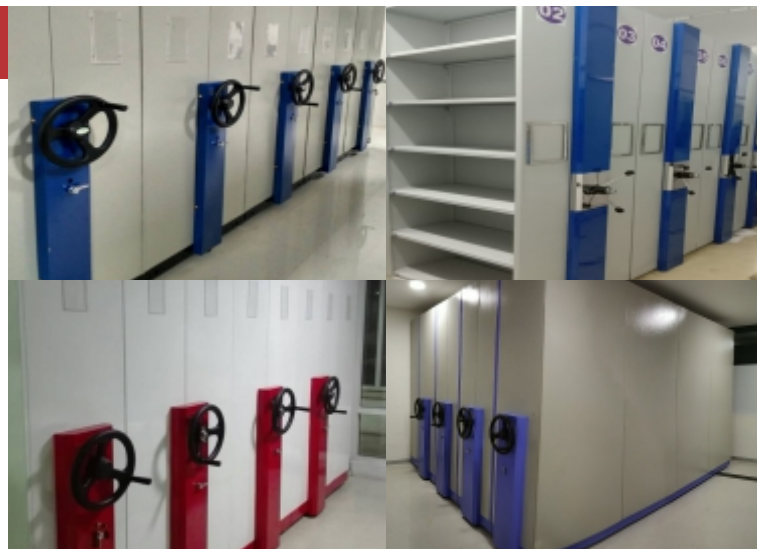
Multitier Storage Racking

The multitier storage racking is construction of the two or more levels of storage tire for maximum utilization of space. The heavy duty shelving structure is used to the maximum heights and with steel grated the catwalks (Walkways) which are connected for manual access at all tires. The access from ground level is via staircase / lift. It provides a wider range of assorting to accommodate more SKU's. Customised for lighter or heavier loads and provided with a complete safer range of accessories.



Mobile Racks and Compactors

Mobile Racking system is the best cost efficient space saving idea and most useful for offices, industrial parts stores etc. The product can be customized based on the layout, product stored and load capacity. The concept of mobile racking is the racks are mounted on wheels which travels on a rail, this enables only one aisle to be kept for multiple storages. The system is with two model of operations manual drive model and electric drive models. The electric drive model can be interfaced with a material management software as a option.

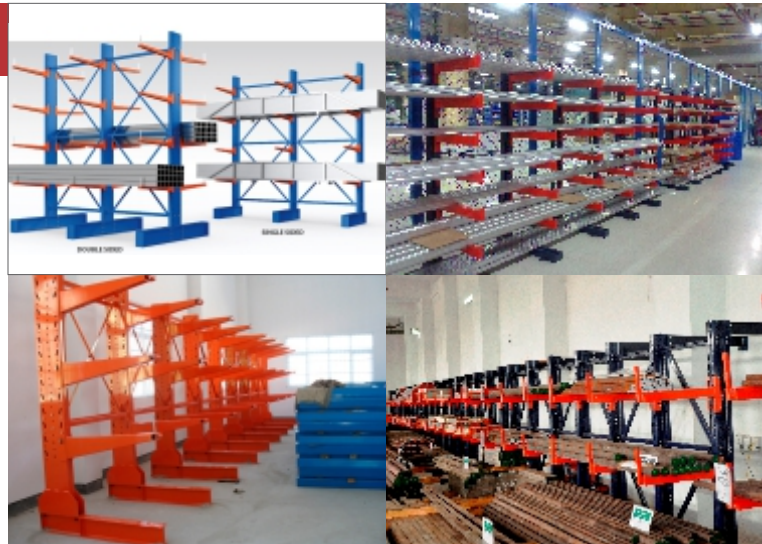


Cantilever Racking

The cantilever racking system is a flexible option for storage of lengthier products. The system can be customized for lower or higher load capacities and also heights. The mode of operation for lighter version can be manual and for heavier version can be with side loader or 4 way reach truck etc.

The model can be a single side operation or a double side operation with complete adjustable arms.

Most suitable for pipes, angles, steel and aluminium sections, boards etc.



Mezzanine Floors

Mezzanine floor is a method of provided a raised flooring to increase utilization of cubical space. We provided a solution with modular type of mezzanine with complete dismantable profiles and flooring options. The models can be with multitier options like 2 to 4 floors and also with a frame type or column type methods. The modular mezzanines can be used for stores, warehouses, offices etc. The material movement to the flooring can be with manual operation or with any material handling system like goods lift / VRC or scissor lifts options.

Flow Racks

The flow racking system is a efficient method to follow first in and first our (FIFO) with a gravity flow mechanism. The siding mechanism can be with falcon roller system, angle guides or decline shelving system as per requirements. The products will be loaded from the back side of the racks and retrieved from the front passage. The guideways can be adjusted according to the bins / carton sizes, the load capacities can be customized based on requirements.



Rack Supported Warehouses

In model of RSW the rack itself forms a part of the construction of building together with side cladding and roofings. The racking structure supports not only the load also the building accessories, thrust of handling devices, winds, seismic movements etc. This is a fastest solution to build a storage warehouse, also economic solution for storage. It provides a flexibility for relocation of the warehouse in case of layout changes. There would be a cost saving of 25 to 30% on PEB and elimination of heavy concrete foundations.



Die Storage Racks

The Die, fixtures and mould storage racks are designed and manufactured on the model, size and weight of the tools to be stored. The optional models are pull out trays for lesser loads where the loaded trays can slide out of racking for 65% - 75% and gets locked in comprehensive position for ultimate safety and access. For heavier usages the multibeam design in combination with the die resting supports are designed. These models can be made from 500 Kg Udl / level to 5000 Kg Udl capacities.

Lean Manufacturing Racks

The pipe and joist system plays a major roll in lean manufacturing. The PJS allows you to design and create various structures. It is a dynamic and flexible system and also easy to assemble, dismantle and modify. It is commonly used for light shelving, work tables, FIFO racks, Carts and trolleys etc. The PJS is provided with vast range of accessories to fulfill the requirements and provide endless possibilities.



Industrial Work Stations

The Industrial modular work stations are customized designed and manufactured depending on the requirement, operation and utilization of the customers. The work tables could be with combination of metal / aluminium section frames with knock down models with metal or wooden tops to suit the purpose of operation held. The work stations are provided with wide range of accessories like shelves, tube fittings, bottom storages, draw units, pinup boards, writing boards, tools holders, bin holders, louver pannels, castor wheels, ESD accessories etc.



Closed Storage System

We provide a wide range of customized closed storage systems like 2 door cupboards, pigeon hole cupboards, lockers for employee, draw units for tools storages, mesh covered units, draw cabinets, bin cabinets,

Tools trolleys etc. The modules would be finished with gun painted or powder coated as per client preferences.



Storage Bins, Crates and Pallets

All ranges of storage bins and crates like front open, fully closed, partitioned, dismantable partition models, customized corrugated sheet crates and bin trolleys and louver pannel trolleys can be made as per customer specifications and requirements. Also plastic pallets of injection mould, rotomould and reinforced pallet can be supplied.



Utility Products

For special model of front open bins, ESD bins, ESD modular systems, Panda Shelfings, Louver Panels, Visipros, Multi Display Boards and Tool Trays. Stematic is an authorized dealer for Alkon plastics.



Metal Pallets and Trolleys

We could provide solution for any type of customized metal flat pallets, mesh pallets, platform trolleys, shelf trolleys, collapsible pallets, ladder trolleys, cage pallets, component trolleys, kitting pallets, etc could be manufactured as per requirements.



Barrigates and Fencing

Providing of rack mesh cladding, Metal barrigating for factory and warehouse, Mesh fencing in modular, dismantable model with powder coated finish can be done.



Stematic Equipment Companie

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