Heavy Duty Pallet Rack

load capacity: 1000-3500kg/level
Forklift loading
Features

- The most universal system for direct and single access to each pallet.
- The optimal solutions for those warehouses with palletized products and a wide variety of SKUs.
- Load capacity: 1000-3500kg/level, other load requirement also can be customized;
- The working aisle measurement between each rack and the rack height depends upon the characteristics of the forklift trucks or lifting devices, pallet size and the height of the warehouse itself.
- Excellent stock control. Adaptable to any space, weight or size. Can combine with manual picking shelves.
Advantages

- Excellent stock control;
- Easily access to any pallet;
- Adaptable to any space, weight or size;
- Suitable for different kinds of SKUs stock;
- Standard economical solutions to high density solutions;
- Forklift loading to shuttle car semi-automatic loading;
- Many different kinds of solutions available to any storage demands;
Start unit + add on unit

Frame + Beam
Selective Pallet Racking

100% selective, main parts: upright frames, beam, other components and accessories, provides a direct access to all pallets, one of the most economical pallet racking solution. Can be customized to cargos of any size and weight, available to any application and conditions. Easy to install and maintain.

Features

- Much Same as selective pallet racking, 100% access to pallets;
- less aisle, just need around 1.6m floor area for the aisle;
- High density solution, can improve the space usage around 50%;
- Floor space saving, cost effective solution;
Narrow Aisle Pallet Racking

Narrow Aisle Pallet Racking is a high-density Racking solution, ideal for the space limited warehouse, need less floor area for aisle (around 1.6-1.8m), and height can be up to 22m, save space greatly. Need the special side loading forklift to load/unload pallets in the narrow aisle.

Features

- Same as selective pallet racking, 100% access to pallets;
- Much less aisle, just need around 1.6m floor area for the aisle;
- High density solution, improving the space usage around 50%;
- Floor space saving, cost effective solution;
Double Deep Pallet Rack

Can be installed to store more pallets, enabling one pallet to be stored behind the other on each side of the aisle. Direct access is only available to the first pallet, so this system is recommended for storing products with multiple pallets per SKU. This system requires a suitable forklift fitted with double depth telescopic forks.

Features

- Widely used, good selectivity;
- Fewer Aisle, storage space saving greatly;
- High density pallet racking design, cost effective solution;
- Easy assembly, easy Installation;
Teardrop Pallet Racking

Teardrop Pallet Racking is widely used in America market, usually it is heavy duty for pallet loading. According to the different design as the warehouse, can be distributed in 100% Selective Teardrop Racking; Double Deep Teardrop Racking; Narrow Aisle Teardrop Racking; Drive in Teardrop Racking; Shuttle Teardrop Racking; Push Back Teardrop Pallet Racking;

Features

● Adjusted flexibly per 2” (50.8mm);
● Easy assembly, easy installation;
● Widely used, universal application, friendly to any cargos;
● Assembled/Bolted upright frame or welded upright frame, both available;
Drive in Racking

Drive in Pallet Racking is a high-density warehouse racking solution, 6-7 pallets position per depth row, one row next to the other, for a certain area, no need any aisle among the rows, the forklift goes into the depth to load/unload pallets one by one, usually, it is FILO (first in last out).

Features

- The most high-density solution, 85-90% space usage;
- FILO mode mostly;
- Fewest aisle, one row next to the other rows;
- Ideal to keep the same big qty SKUs;
- Floor space saving, cost effective solution;
Shuttle Racking

Shuttle Pallet Racking is a semi-automatic high-density solution, forklift no need go into the racking areas, the shuttle car load/unload the pallets in and out of the channel along the rail automatically, controlled by a wireless remote control. Space saving, labor saving at the same time, really a high cost-effective solution.

Features

⚫ FILO or FIFO mode, both are available;
⚫ High space use, no need aisle for the rows;
⚫ Fewest aisle, the whole racking area in rows one next to the other;
⚫ Semi-automatic, most work can be finished by the shuttle car automatically;
⚫ Easy to handle, easy to learn the operation of the shuttle car;
⚫ Space saving, labor saving, warehouse flow speed greatly improved;
Push Back Racking

Push Back Pallet Racking is also a high-density solution, similar as the drive-in racking system, no aisle needs in a whole racking area, one row next to another row, moreover forklift no need go into the depth direction, the forklift operator just put the pallets on the push back small cart, when put the second one, as the gravity effects, the first pallets will go into the lane automatically along the rail.

Features

- Fewer Aisle, space saving;
- Better 5 pallets position deep at most;
- Forklift no need go into the racking area;
- Labor saving, easy to maintain;
Pallet Flow Racking

Pallet Flow Racking, also called Pallet Gravity Racking, or Gravity Roller Racking, is a high density storage solution with FIFO (first in first out) function. The main parts include frame, connect beam, rollers, and pallets. The pallets go into the channel smoothly due to the roller gravity design, and braking rollers are placed in the middle parts and stopper rollers in the end to keep the pallets in a stable speed, ensuring the safety of the whole system.

Features

- Fewer Aisle, around 70% space saving;
- 8-9 pallets position in the depth direction;
- Forklift no need go into the racking area, just put the pallets on the rollers;
- Saving space and labor cost, forklift no need go into the aisle, few damages happen;
Packing-Post/Frame
Row Spacer

Pallet Support Bar
Packing - Wire mesh