

Pallet Racking Systems



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Pallet Storage and Retrieval Solutions for All Industry Sectors

SSI Schaefer can handle and store all manner of components and products. Systems include:

- Standard Pallet Racking
- Drive-in Pallet Racking
- Mobile Pallet Racking
- Pushback Pallet Racking
- Pallet Live Storage
- Channel Pallet Storage
- Automated Crane Racking

Standard Pallet Racking

SSI Schaefer provides strong, heavy duty pallet racking systems for daily use offering simple construction and installation using few components and bolted frames. They system, set to accommodate multi-location storage facilitating quick handling of goods, offers a number of configuration possibilities to suit all industries.

- Serviceable by reach or counterbalance or narrow aisle fork lift trucks
- 100% access to all pallets
- Adjustable beams allow maximum height utilization
- Case or full pallet picking from ground or upper level
- Integrated in-rack sprinklers

Pushback Pallet Racking

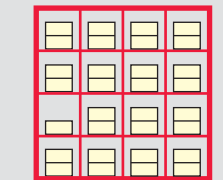
SSI Schaefer Pallet racking can be equipped with roller or cart push back systems. The storage levels can be set to accommodate different pallet heights making maximum use of available floor space. This safe and efficient system can be operated using standard fork life trucks without the need to enter the racking.

- Works on first pallet in, last pallet out (FIFO) principle
- Storage depth from two to 6 pallets
- Optimum warehouse floor space utilization
- Works with standard Fork Lift Trucks
- Full Pallet picking SKU dedicated to storage lane
- Safe system reduces rack damage
- Suitable for cold store environments

Drive-in/Drive-through Pallet Racking

SSI Schaefer's drive-in/drive-through pallet racking system is particularly suited to the storage of large quantities of the same product for maximum storage capacity using the minimum amount of space. Picking and re-plenishment is facilitated by means of conventional forklift trucks which drive into the racks that are equipped with floor guide rails to protect the uprights and serve as guidance for the driver.

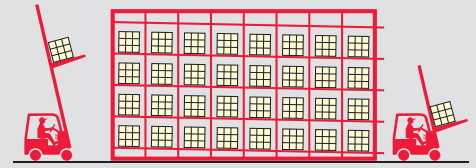
- Maximum use of storage cube
- More pallets can be stored compared with Wide and Narrow aisle systems
- Used in bulk store and cold store warehouses
- Provides pallet protection to fragile loads



Pallet Live Storage

This type of racking from SSI Schaefer is normally served using forklift trucks and reach trucks although hand pallet trucks can be used on the lowest level at the picking side. The storage principle of First In/First Out (FIFO) can be applied to handle goods with expiry dates, product batches and fast moving stock consolidation. The execution of gravity roller trans can be adapted using different roller pitches and break rollers to the respective stored goods while pallets can be served on multiple levels with an additional order-picking level or tunnel.

- Highly compact storage system
- Works on the FIFO principle
- Ideal storage for pallet loads with shelf life
- Automatic stock rotation
- Pallet pick from one face
- Accommodates Euro or Chep-type pallets



Mobile Pallet Racking

SSI Schaefer provides strong, heavy duty pallet racking systems for daily use offering simple construction and installation using few components and bolted frames. They system, set to accommodate multi-location storage facilitating quick handling of goods, offers a number of configuration possibilities to suit all industries.

- Maximum space utilization—up to 85% increase in capacity
- Motorized racking on mobile bases
- Dense Pallet Storage or Cantilever Systems
- Full Warehouse Control System
- Optional Fully Automated Truck



Channel Pallet Storage—Orbiter

The Schaefer Orbiter System leads the way in providing safer, faster and more intelligent controllable shuttle system technology capable of travelling up to one meter per second. Allowing for high density storage with channels in excess of 20 pallets in depth with rapid availability of selected pallets on demand. The Orbiter increases capacity over traditional drive-in storage methods and can be operated in either First In/Last out or First In/First Put.

- State of Art Operative Protection
- High density storage system
- High speed storage and retrieval (1m/sec)
- Innovative power supply and docking station
- Suitable for cold store environments



Automated Crane Racking

The Schaefer's Compact Crane system combines fully automated high bay pallet storage and retrieval technology with deep pallet channel storage. This makes absolute maximum use of height and floor space footprint. Ambient, chilled and cold store applications are possible. With full WMS integration this provides the benefits of a complete solution.

- Maximum use of height
- Automate control
- Safe and predictable handling
- High pallet throughput

