

A Member of the Constructor Group



STORAGE SOLUTIONS FOR THE FOOD INDUSTRY

Space optimisation | High stock turnover | Ambient and cold storage



Providing solutions for the Food Industry

The challenges faced by the Food industry requires them to maximise space, manage different storage temperatures and respond to a high turnover of stock, whilst maintaining hygiene levels and product traceability.

Some of the key issues that our customers face are:

- ✓ **Fast moving and perishable foods require different storage methods**
- ✓ **Ambient, chilled and frozen goods may need accommodating under one roof**
- ✓ **FIFO (First-In First-Out) stock management**
- ✓ **Bulky items with varying weights**
- ✓ **Product traceability and hygiene need to be considered**



Adjustable storage for heavy or palletised goods

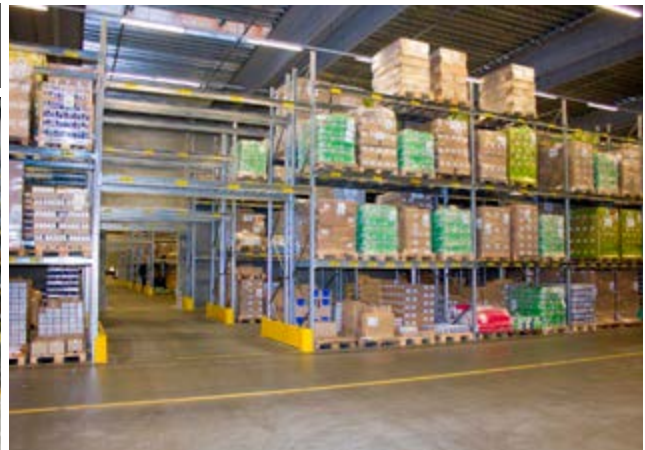
Even in a state of the art warehouse standard pallet racking is still the most common form of pallet storage. The versatility of pallet racking means this can be assembled in a single or double deep configuration.

Available in heights of up to 30 meters with varying depths and widths, our P90 racking can perfectly accommodate any available space. Pallets stored in wide aisle racking are not subject to any restrictions in layout and are freely accessible at all time.

Benefits

- ✓ **Adjustable system**
- ✓ **Heights of up to 30 m**
- ✓ **Variable depths and widths**
- ✓ **Suitable for all kinds of storage media**
- ✓ **50mm beam height adjustment**

Pick and dispatch stations are often set up in food installations which require climate controlled storage.



More information see:
www.kasten-storage.com/food

Increase storage capacity with mobile pallet racking

Mobile pallet racking, MOVO, can increase storage capacity considerably. P90 Pallet Racking is mounted on mobile bases that electronically move to create an access aisle for picking. By removing unnecessary aisles this enables you to store more products on a smaller footprint.

Cold store environments can be costly to run, so a dense storage solution is usually required. Mobile pallet racking offers an ideal solution to this problem that is commonly used in the Food Industry.

HahkaWay Ltd specialise in frozen logistics services. Products are stored using our mobile pallet racking at a constant temperature of -22°C to maintain the condition of the food stored.



Benefits

- ✓ Maximum use of floor space
- ✓ Access to individual pallets
- ✓ Offers greater flexibility
- ✓ High density storage
- ✓ For various pallet sizes
- ✓ Requires only one truck aisle
- ✓ Temperature range between -30°C and $+40^{\circ}\text{C}$



Achieve First In First Out storage with Pallet Flow

Pallet Flow is suitable for FIFO storage where goods have a high turnover and require fast access.

Pallets are placed on sloping storage lanes and gravity moves the pallet forward along a roller bed. The speed of the pallet is controlled by a series of brake rollers and halted by a stop unit. This type of storage is frequently used in the drinks industry and requires only two aisles, one for loading and one for retrieval.

Oy Hartwall manufactures all types of beverages, from waters and soft drinks to beers and ciders.

Semi-finished products are stored on special plastic pallets in FIFO racking alongside the manufacturing process.



Benefits

- ✓ Up to 60% less floor space than conventional racking
- ✓ Automatic stock rotation
- ✓ FIFO load and retrieval method only requires two aisles
- ✓ High speed operation



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Saving time and space with the Pallet Shuttle System

The Pallet Shuttle System is ideal for storing bulk goods and is suitable for a range of temperatures. A semi automated platform moves within the racking to retrieve and place pallets, making it suitable for food storage.



When B. Voltwater & Zonen decided to extend their storage capacity for their canned and tinned food production, they opted for the Pallet Shuttle System. This provided them with an automated picking solution to improve their overall efficiency.

Benefits

- ✓ Increase storage capacity
- ✓ Create space
- ✓ Easy access
- ✓ Increased picking rates
- ✓ Good working environment



Protection Devices

A Food Industry warehouse is a dynamic environment with rapid product rotation and fast moving forklift trucks. This translates to frequent rack damage, which can be prevented by using our specially designed protection devices.



Floor mounted Column Guard
Protection for pallet racking uprights.



Snap on Column Guard
Absorbs large impacts and attaches to an upright without fasteners.



Upright Guard with foam
Upright guard with shock absorbing foam inside.



Frame Protectors
Ideal for protecting vulnerable areas from fork lift impacts.



Safety Barrier System
Protection for offices, machines, conveyer systems or as a route separator.



Vertical Back Stop
Prevents pallets from falling off the back of the rack.

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