

# P90 Pallet Racking - Pallet Flow or Push Through

Visit [www.constructor-storage.com/Products/Pallet-Handling/Pallet-Flow/](http://www.constructor-storage.com/Products/Pallet-Handling/Pallet-Flow/) for the latest information.

## Broad range of possibilities!

Thanks to a broad range of possible applications and accessories our Pallet Racking systems can be easily adapted to your specific storage requirements.

From standard wide aisle, through Narrow aisle and high bay options to multi-level racking and mobile racking, our systems provide the ideal solution.

Pallet Flow is a product in the category

## Pallet Handling

- Pallet Racking P90 Standard
- Mobile Pallet Racking
- Multi-tier Pallet Racking
- Pull-Out Unit
- Drive-in
- Pallet Shuttle System
- Push-Back
- Narrow Aisle
- Pallet Flow**
- Pallet Racking RACK83
- Carton Flow - P90
- Pallet Racking K90 Standard
- Pallet Racking System

Please visit [www.constructor-storage.com](http://www.constructor-storage.com) to see our other products.

## Description

**Pallet Flow racking is suitable for FIFO (First In First Out) storage of goods with a high rate of turnover and fast access to goods is required, but utilises up to 60% less space than a conventional pallet racking warehouse.**

The PalletFlow push-through racking system is mainly used for storing large quantities of the same type of palletized goods on the first-in, last-out principle. The pallets are placed in storage on one side of the channel, they automatically roll on sloping wheel conveyors towards the order picking side and can be retrieved, as required, from there. This type of storage technology, which is frequently in the drinks industry or as a buffer storage facility in the manufacturing industry, requires no more than two lanes for storing and retrieving goods.

[Pallet Racking](#) › [Pallet Flow](#)

## References

- ASKO Vest, Norway
- Hansa Print, Finland
- Runsven Group, Sweden
- Valsemøllen, Denmark





## Product

**P90 Pallet Flow racking offers a WDE range of track, wheel and roller arrangements to suit most types and sizes of pallet.**

Guides on the loads assist the forklift driver with pallet alignment. An automatic braking system ensures that pallet movement is always safely under control. Pallets travel smoothly on full width or twin-track rollers. A separator is used to retain the queue of pallets while the bottom one on the picking face is being taken out in safety.



Each installation is tailored to suit pallet size, weight and storage system requirement.

### Benefits:

- Up to 60% less floor space than conventional pallet racking
- First in First out (FIFO) system - provides automatic stock rotation
- One dedicated loading face and one retrieval face - 2 lanes
- Higher speed of operation within the warehouse
- Heights up to 11 meters

## Specification

The Constructor Pallet Flow system is a dynamic storage solution based on our pallet racking systems with integrated conveyor modules.

The system offers a wide range of conveyor modules to suit most types and sizes of pallets. An automatic braking system ensures that pallet movement is always safely under control. Pallets travel smoothly on full width or twin-track rollers. While the front pallet is removed on the front side of the rack, the rear pallet is hold back with an appropriate device.

### Standard Dimensions:

**Channel Depth:** Depends on the number of pallets

### Channel Width:

- 1000 mm (1 lane)
- 2000 mm (2 lanes)
- 3600 mm (3 lanes)

**Block Height:** Up to 12000 mm

**Loading:** Pallet Weight: Up to 1200 kg

**Finish:** Uprights: pre-galvanized

**Beams:** Pre-galvanized or painted

**Accessories:** Pre-galvanized or painted

Other dimensions can be manufactured according to customer and project requirements.

Pallet Racking › Pallet Flow



# Accessories - Pallet Flow



## Floor mounted Column Guard

A substantial form of protection for pallet racking uprights, protects against low level impact damage caused by forklift trucks.



## Snap on Column Guard

Protect-it™ can absorb large impacts and easily attach to a column without additional fasteners.



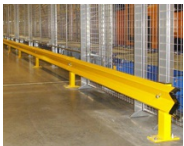
## Column Guard with Foam

Metal Column protection with shock absorbing foam inside.



## Rack end protectors

A robust barrier, ideal for protecting vulnerable areas from forklift truck damage and impacts. longer runs are available.



## Safety Barrier System

The PROTEX Safety-Barrier-System can be used as: collision and impact protection for offices, machines, conveyer systems and for route separator



## Vertical Back Stop

A useful safety feature which prevents pallets from falling from the back of the rack.



## Anti Collapse Mesh

Metal mesh product that offers protection for a variety of scenarios. More info about [Anti Collapse Mesh](#)>>



## Locking Pin

Beam locking pins are required on the connector of every beam.



## Shelves

Use to store all kind of goods and items.



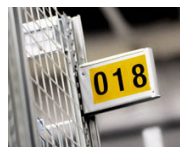
## Wiremesh shelving

Mesh shelving sits on the pallet racking beams and acts as a shelf. More info about [Wiremesh shelving](#)>>



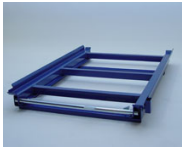
## Shelf dividers/partition

Used to separate stored items and create smaller shelf locations.



## Sign & Marking system

Label holder, self-adhering or with magnetic tape for different kind of shelves and beams. More info about [Sign & Marking system](#)>>



### Pallet Extension Unit - Beam mounting

Pull out unit which can be secured to the beam enabling the pallet to be pulled forward or backwards. Load capacity 600kg.



### Load and Assembly Sign

Signage for loading and assembly instructions, which can be mounted on the racks.



### Asphalt base

For the pallet racking columns.



### Tunnel Guards

Tunnel guards are placed between beams and will support undersized pallets.



### Separation Bars

Ideal for vertical standing long goods, made to order and customised for your products. They are fixed to the rear beam.



### Barrel Base

To storage of cable reels or oil barrel.



### Extension Unit - With casters

Pull out unit which can be secured to the floor, with casters at the front, enabling floor level pallets to be pulled out. Load capacity 1000kg.



### Foot Plates

Foot plates are used to distribute the force of the load evenly.



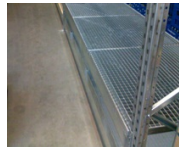
### Half pallet insert

Half pallet insert for smaller pallets.



### Pallet Support Bars

Clipping over the front and rear beams these support undersized or damaged pallets.



### Drip Trays

If (hazardous) liquids might leak, then drip trays may be placed on the floor (or per level). The drip trays are galvanized. Various sizes are available.



### Spool/Reel Carriers

For storage of large cable reels or carpet rolls. A supporting rod, with high weight capacity, can easily be taken in and out of position.