

# Mobile Pallet Racking MOVO

Visit [www.constructor.dk/en/Products/Pallet-Handling/Mobile-Pallet-Racking/](http://www.constructor.dk/en/Products/Pallet-Handling/Mobile-Pallet-Racking/) 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.

Mobile Pallet Racking 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

Pallet Flow

Narrow Aisle

Pallet Racking RACK83

Carton Flow - P90

Pallet Racking K90 Standard

Pallet Racking System

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

## Description

Reduced costs for new buildings or the possibility to better utilize existing storage space more efficiently. MOVO, the mobile pallet racking solution from Constructor is the optimal solution.

[Pallet Racking](#) > [Mobile Pallet Racking](#)

## References

Jula, Sweden

Strømmes Reklame, Norway

Swegon, Sweden

Hottlet Frozen Food, Belgium

Novo Nordisk A/S, Denmark





The electronically controlled MOVO heavy mobile racking systems run on in-ground rails and can carry bay loads of up to 24 tons at racking heights of up to 12 meters.

When individual aisles open, state-of-the-art sensor technology and variable control options ensure ease of operation and absolutely safety.

Thanks to a wide variety of accessories, MOVO is suitable for any kind of warehouse goods and, with a guaranteed operational safety at temperatures as low as -30° C. Making it ideal for use in cold storage rooms.

## Range

**The modular design of the MOVO system means that it is easy to design the most efficient and economic installation for any situation. Rails, bases and control system are chosen to give the best possible fit with your requirements and building.**

In addition to the standard MOVO controls, there are a variety of optional control methods which can be used to speed up your operation or to ensure reliable stock control.



MOVO can be tailored to your control requirements, from the simple addition of radio control on the fork lift to the full integration into your storage ERP-system network.

The difference is in the detail...

**light control** – only the open aisle is lit

**commission mode** –open pre selected aisles

**night position** – improves air circulation

**sprinkler position** – a mode for fire protection

**stock position** – multiple aisles partially open for access

**remote control** – diagnostic and maintenance from experts

And everything for cold and normal temperature stores.



## Specifications

**With more than 9500 installations worldwide Constructor has gained experience over many decades as a developer and producer of heavy mobile racking systems.**

Based on this experience we can design our MOVO – Mobile Pallet Racking systems in the most optimal way for the requirements of our customers. The below summary of technical data shows the variety of applications possible.

### Loads and Dimensions:

Bayloads: depending upon system, up to 24 tonnes  
Total single carriage load:  
up to 800 tonnes (a project of this scale has been installed)  
Trolley length: up to 90m  
Rack Height: up to 12m  
Bay widths: up to 5000mm

### Control functions:

- Lane travel
- Radio control operation
- Order picking mode
- Automatic light triggering
- Two different fire positions
- A night position
- A circulation mode
- Sprinkler mode
- WMS-automatic control
- ERP-automatic control
- Remote diagnostic

### Safety:

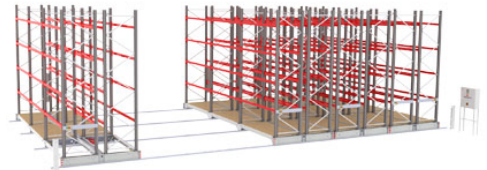
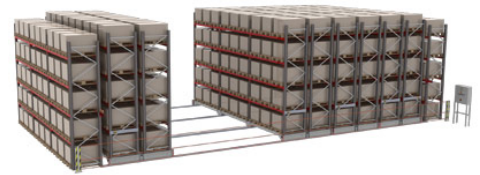
For each aisle way:

- Longitudinal trolley light barrier
- Fork lift truck counting device
- Acoustic pre-warning of movement
- LED-flashing lights during movement
- EMERGENCY-STOPS on each trolley

Across the system:

Across the front of the racking aisles a light beam safety barrier can be installed with beams at three different heights.

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# Accessories - Mobile Pallet Racking

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## Vertical Back Stop

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



## 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



## Anti Collapse Mesh

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



## 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.



## 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.



## Load and Assembly Sign

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



## Barrel Base

To storage of cable reels or oil barrel.



## Half pallet insert

Half pallet insert for smaller pallets.