

Mobile Pallet Racking

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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, Kasten systems provide the ideal solution.

Mobile Pallet Racking is a product in the category

Pallet Handling

- Pallet Racking P90 Standard
- Pull-Out Unit
- Rack for tyres
- Drive-in Racking
- Pallet Shuttle System
- Push Back
- Pallet Flow
- Mobile Pallet Racking**
- Multi-tier Pallet Racking
- Narrow Aisle
- Pallet Racking Comparison

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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.

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. With a guaranteed operational safety at temperatures as low as -30° C makes it ideal for use in cold storage rooms.

Benefits

- Maximum use of floor space –only one operating aisle
- Save up to 40% of the space required by conventional pallet racking
- Alternatively increase your storage capacity by up to 80%
- Good occupancy rates helping to reduce energy bills in cold stores
- 100% individual pallet access
- Modular design for any requirements

Pallet Handling > Mobile Pallet Racking

References

- Linkosuo, Finland
- HahkaWay Ltd, Finland
- EnergiMidt A/S, Denmark
- FJ Industries, Denmark
- Hennig Olsen Is, Norway
- Strømmes Reklame AS, Norway
- Moens Verpakkingen, Belgium
- Novo Nordisk A/S, Denmark
- Moody Logistic, The Netherlands
- Hottlet Frozen Food, Belgium
- Swegon, Sweden



- Safety according the European Directive 2006/42/EG and DIN EN 15095



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 lighten

Commission mode –open pre selected aisles

Night position – improves air circulation

Sprinkler position – a mode for fire protection

Fire position – seperates a detected trolley

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:

Heights up to 12 meters

Bay loads of 24 tons

- Mobile base depth 2600 mm (with standard pallet racking)
- Height of mobile base 260 mm
- Mobile base length section multiplexes, c/c +200 mm
- Max. length 30.000 mm continuous (extended 60.000 mm)

Control functions:

- Lane travel
- Radio control operation
- Order picking mode
- Automatic light triggering
- Two different fire positions
- Anight position
- Acirculation 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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