

Mobile Pallet Racking

Visit www.dexion.co.uk/Product-Categories/Pallet-Racking/Mobile-Pallet-Racking/ for the latest information.

Create functional and logical warehouse storage with the right pallet racking system.

Pallet racking can be configured in a variety of ways and systems, depending on the customer's requirements and pallet load.

Whether its frozen food in a cold store utilising either **Drive-in racking** or **mobile racking** (MOVO), or bulk goods, such as products with a "best before date", that are stored on a FIFO (first in first out) **pallet flow** system, all goods stored on pallets will be ideally stored by one of these methods as this provides optimal storage economics.

Click here for [a comparison of the different Pallet racking systems](#), make sure you get the right one for your warehouse.

Mobile Pallet Racking is a product in the category

Pallet Racking

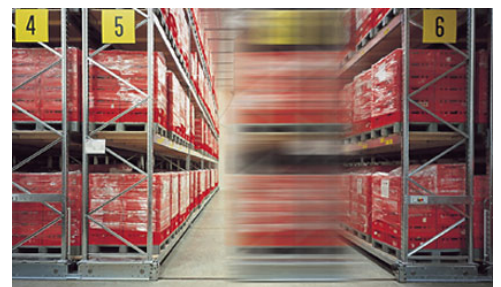
- P90 Standard Wide Aisle
- Mobile Pallet Racking**
- Multi-tier Pallet Racking
- Narrow Aisle Racking
- Carton Flow
- Pull-Out Unit
- Drive-in Racking
- Pallet Shuttle System
- Push Back - Trolleys
- Push Back - Rollers
- Pallet Flow
- Pallet Racking Comparison
- Speedlock Mk3

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Description

MOVO, the mobile pallet racking solution from Dexion, is the optimal solution for storage, providing dense pallet storage and helping to reduce costs for a new building or the possibility to better utilise existing warehouse storage space more efficiently.

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The electronically controlled MOVO heavy duty mobile pallet racking system runs on embedded rails and can carry bay loads of up to 24 tons at racking heights of up to 12 metres, with runs up to 90m possible.

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 warehoused goods and with a guaranteed operational safety at temperatures as low as -30° C it 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 adapts to any requirement
- Safety according the European Directive 2006/42/EG and DIN EN 15095

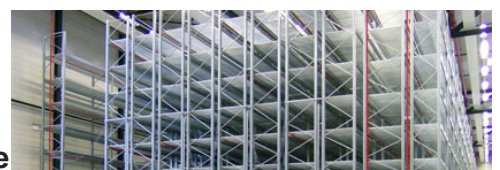
Don't know how to organise your storage?

Need help and advice designing your new warehouse layout?

[Contact us for help and advice by clicking on this link.](#)

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. MOVO can be used for both narrow Aisle man-up forklift trucks and wide aisle





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standard forklift truck situations.

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 - saves electricity
- commission mode –open pre selected aisles - save time
- night position – improves air circulation - preserves goods
- sprinkler position – a mode for fire protection - added safety
- stock position – multiple aisles partially open for access - easypicking
- remote control – fast and easy operation - faster picking on FLT

And everything for cold and normal temperature stores, MOVO is operationally safe at temperatures of -30 degrees centigrade and can be used even down at -40 degrees centigrade.



Specifications

With more than 9500 installations worldwide DEXION 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
- Anight position
- Acirculation mode
- Sprinkler mode
- WMS-automatic control
- ERP-automatic control
- Remote diagnostic

Safety:

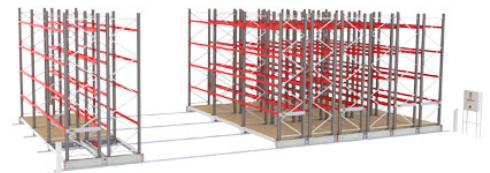
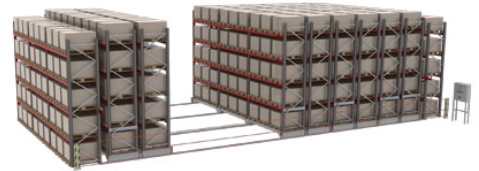
For each aisle way:

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

Accross 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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For more information on the system available in your country please [select your country](#).