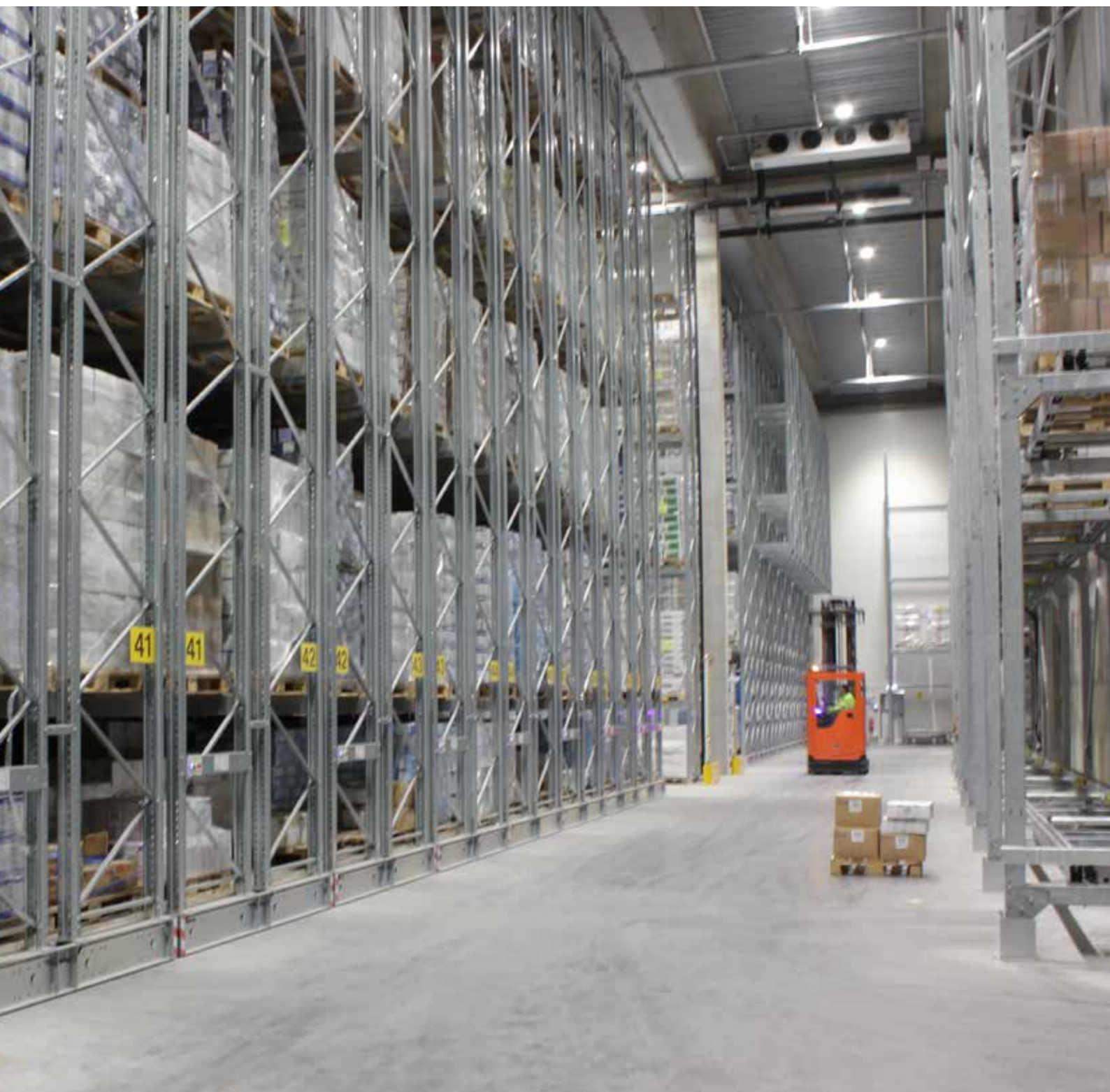


MOVO

Mobile pallet racking



Mobile pallet racking (MOVO)

Core features

- Save up to 50% of the space required by conventional pallet racking, and increase storage capacity by up to 80%
- Cuts energy, operating and cleaning costs; allowing for a good ROI
- 100% individual pallet access
- Suitable for any kind of warehouse goods
- Guaranteed operational safety of -30°C ; ideal for use in cold-storage rooms

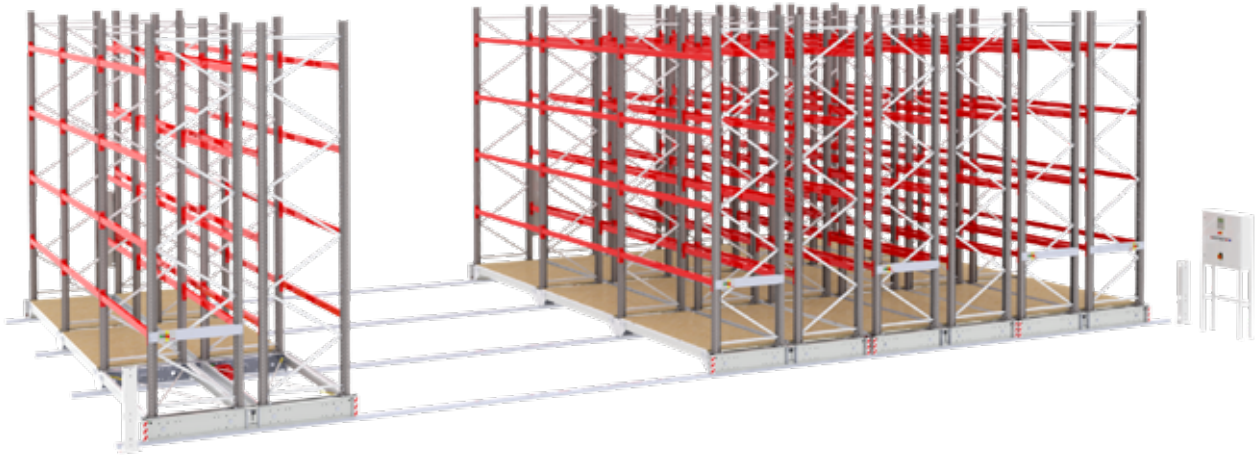


Mobile Racking (MOVO) is a dynamic solution providing up to double the storage capacity in the same area, of conventional pallet racking. Offering technical superiority and total flexibility, MOVO is suitable for every kind of stored goods, and has a wide range of accessories.

The electronically controlled MOVO high-load racking system runs on in-ground rails and can carry bay loads of up to 30 tons at racking heights of up to 15 meters. While state-of-the-art sensor technology and variable control options ensure ease of operation and absolute safety.

The System has a guaranteed reliability of down to -30°C , which means that MOVO is the ultimate storage solution for a refrigeration/freezer compartment.

Controls, rails and trolleys



Control system

We offer a variety of control options for a tailored solution that meets all your requirements:

- 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
- Remote Control - diagnostics and maintenance performed by technicians
- Remote selection via radio control - fork lift drivers can open aisles before arrival



Rails

The design and quality of the rails together with correct installation, is a prerequisite for a safe, well working MOVO-system.

MOVO rails are made from low profile steel and can be installed on an existing floor or integrated into a new floor. In either scenario concrete is moulded between the rails to form a flat floor ensuring an even operating surface.



Mobile trolleys

MOVO trolleys are electro-galvanized and ideal for ambient, chilled or cold stores. They have a bolted construction that ensures easy replacement of damaged parts. The trolleys are available in a number of different load capacities.

Advantages at a glance

The advantage of MOVO is that at the design stage, two different advantages can be chosen. Should we use the available space and increase storage capacity? Or do we want to reduce the space that storage area occupies?

Conventional pallet racking



- **Total area:** 625 m²
- **No. pallet places:** 1152
- **Floor space used:** 74 %

MOVO - increased capacity



- **Total area:** 625 m²
- **No. pallet places:** 2304
- **Floor space used:** 74 %

MOVO - reduced storage space

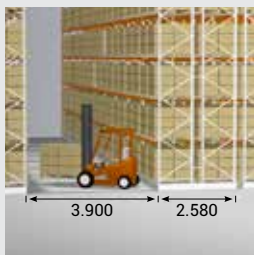


- **Total area:** 625 m²
- **No. pallet places:** 1152
- **Floor space used:** 46 %

- Maximum use of floor space - only one operating aisle required
- Save up to 50% of the space required by conventional pallet racks

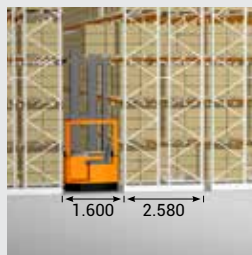
- Increase your storage capacity by up to 100%
- Compact storage can reduce energy costs in cold store environments

Truck type selection



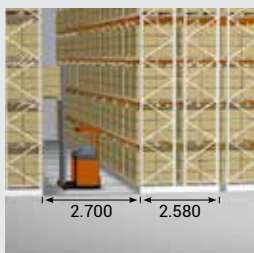
Counterbalance trucks

- Increase in storage capacity **+110%**
- Increase in floor space **+47%**



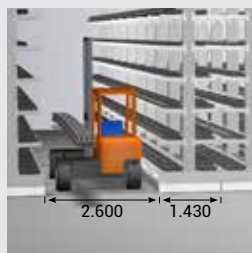
Narrow aisle truck

- Increase in storage capacity **+50%**
- Increase in floor space **+32%**



Reach forklift trucks

- Increase in storage capacity **+83%**
- Increase in floor space **+42%**



Long-term handling with 4-way truck

- Increase in storage capacity **+150%**
- Increase in floor space **+54%**

Safety first



With so many moving parts operator safety is vital. As well as the light barrier system which prevents movement until the aisle is clear it also has the following safety features:

- Acoustic warning before each movement
- Flashing light during the whole movement process
- Emergency stop buttons on each trolley instructs immediate cut off
- Complete safeguarding of the MOVO area by a multi-beam access control
- Local safeguarding of the single wagons by bidirectional lightbarriers in the foot areas
- European conformity according CE 2006/42/EG and DIN EN15095 is given

MOVO for cold storage



MOVO is also a great solution for cold stores. Did you know it is much more expensive to cool air than it is to heat it. Because MOVO is so condensed it's far cheaper to run as a cold store than conventional APR would be. The density of the stock helps to keep it at temperature and the increased storage capacity make it the perfect solution for cold storage.

- MOVO systems offer high energy reduction in air-conditioned warehouses
- Guaranteed operational safety of -30°C, which makes it ideal for use in cold-storage rooms.
- 95% of all European cold stores are equipped with mobile racking
- Automating freezer warehouses and keeping lift trucks inside the freezer can reduce energy consumption

Service and maintenance

Guaranteeing ongoing safe operations means accepting your legal responsibility to ensure your storage products are regularly inspected and maintained. Our experienced teams are here to help.

Our expert teams of skilled service & maintenance inspectors can be by your side; carrying out any remedial work required and providing ongoing servicing and support of all our products within your facility.

You want to make sure your business is always operating at its safest and most efficient. We provide this assurance by:

- Offering a maintenance or service contract to your specific requirements
- Carrying out maintenance in line with your service plan
- Using certified service technicians
- Conducting systematic follow-ups of inspections and repairs
- Upgrading existing facilities with repairs or new technology
- Monitoring and following-up existing legislation, regulations & norms
- Training your staff in the use of our equipment



About us

The Dexion company (from the Ancient Greek meaning 'Right') was originally founded by Demetrius Comino. Comino developed the 'Dexion Slotted-Angle' (1947), which introduced the world to adjustable storage and would go on to blaze the trail for Dexion's purpose-built pallet racking and shelving systems.

Today we are the world's leading provider of warehouse logistics solutions. Since January 2018, Dexion has been a member of the Gonvarri Material Handling Group, which also includes the leading industrial brands Constructor, Kasten, Stålteknik and Kredit.

With a total of 7 production sites in Germany, Romania, Russia, Finland, Sweden and Czech Republic, we supply our customers worldwide with tailor-made logistics solutions. From static racking to fully automated storage solutions, we provide our customers worldwide with complete solutions for their warehouse.

We employ 1,300 people in Europe. We are also represented in Europe and in large parts of the world such as Africa, the Middle East, the USA and South America with an extensive distribution network. No matter where you are, as a global player we are always close at hand.



Inhouse testing lab



7 manufacturing facilities



Ethical commitment



400 customer facing staff

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