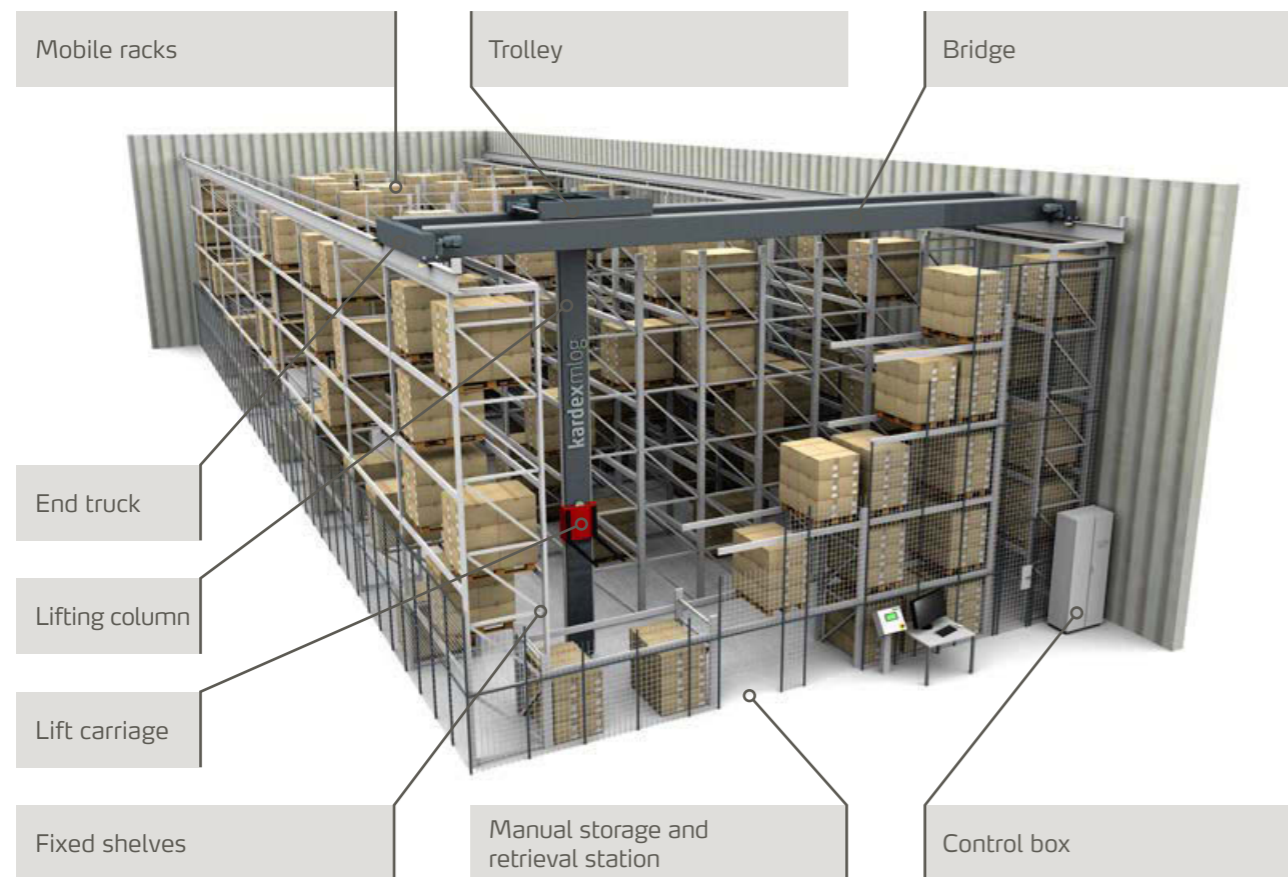


MCompact

Space-saving universal warehouse for pallets of all types



MCompact system warehouse for pallet handling

Overall height: up to 9 m (7.5 m top of load unit)
Payload: max. 1,000 kg
Length x width: 40 m x 13.5 m
Storage capacity: approx. 1,340 Euro pallets
Handling capacity: up to 25 double cycles/hour
Crane travel speed: up to 80 m/min
Trolley travel speed: up to 30 m/min
Lifting speed: up to 45 m/min
Load handling device: Fork arms

Your advantage

- Turnkey system solution
- High storage capacity in a small area
- 40% greater use of space compared to stacking
- Pallets are lifted by fork arms (floor level)
- Automatic storage and retrieval
- Easy to integrate
- No sprinklers required



Properties

- Automatic pallet warehouse
- Individual access to pallets
- Optimised space utilisation through mobile racking
- Can be operated at floor level (manual pallet truck)
- Complete module (Plug & Play)
- Compact pallet warehouse

MCompact consists of

- 1 automatic SRM
- Mobile racking system
- Frontal fixed shelf
- Control technology (Siemens S7)
- Warehouse management software
- Installation and commissioning
- Training

The MCompact turnkey storage system is distinguished by its small footprint, requiring around 40% less floor space than a conventional forklift-based storage system. It is particularly suitable for small and medium storage volumes and can also be integrated into existing buildings. It even operates under challenging conditions such as the storage of hazardous substances and deep-freeze storage facilities. MCompact is a standardised but modular extensible compact warehouse with access to each individual location. Even the basic version features a fully automated storage and retrieval machine, a mobile racking

system and a complete control system with warehouse management. At 40 metres long, 13.5 metres wide, and 9 metres high, it can accommodate approx. 1,340 Euro pallets.

The number of racks, the dimensions of racking or the floor area can be designed individually. The maximum height of the top of the load unit is 7.5 m. This means that a sprinkler system is normally not necessary.

The storage and retrieval machine moves up to 50 pallets per hour and can access each storage space directly without needing to move other items. The load units are picked up and set down using



manual pallet trucks or by means of additional conveyor systems. MCompact can be supplemented and individualised through our function-oriented conveyor modules. The warehouse management system of the MCompact can be integrated into the existing IT environment without any problem and can be coupled with any popular host system.

