

Warehouse technology - MMove

With MMove, fast and safe around your warehouse

Height: 150 mm

Load per shuttle: 1,200 kg

Speed:

without load: up to 3 m/s

with load: up to 2 m/s

Acceleration/braking:

without load: up to 3 m/s²

with load: up to 2 m/s²

Lift time: < 1 second

Range when fully loaded:

< 350 metres

The innovative MMove is the new universal transport platform for pallets and cages, etc. up to a weight of 1,200 kg. With reduced acceleration and speed, this increases to 1,500 kg. Thanks to its unique concept, the MMove can be used in a variety of applications:

- ▶ With storage and retrieval machines for storage at multiple depths
- ▶ With distribution vehicles for distribution and intermediate storage
- ▶ As a single transport system from A to B
- ▶ Multiple MMove in a single aisle
- ▶ The MMove can independently switch from one aisle to another

The energy supply is provided by powerful energy storage devices (Powercaps)¹ which enable up to 350-metre trips when fully loaded. The braking process is used intelligently for energy feedback. Via innovative and secure communication modules, the MMove communicates with its environment and provides information on current orders and statuses. The MMove transports your products quickly and safely. It grows to match your tasks - within the automatic warehouse or beyond.

¹Powercaps with 8 times the normal battery life.

Area of application

- ▶ Automatic movement of pallets, cage boxes, etc. inside and outside a warehouse

Compatible

- ▶ The MMove is compatible with all Kardex Mlog storage and retrieval machines

Efficient modules

- ▶ Automatic energy-saving mode
- ▶ "ZigBee" data communication
 - outside the WLAN network
 - no disruption to IT
- ▶ Binary interface
- ▶ Ethernet interface



Energy-efficient high-performance energy storage with more than 8 times the normal battery life



"ZigBee"-communicator

Innovative and secure communication module



≤ 10-second charging time with the 400 volt energy charging module



Maintenance-free

DC drives



Film: MMove - fast and safe around your warehouse.

