

Warehouse technology - MMove

With MMove-CrossDrive, 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-CrossDrive is the new universal transport platform for pallets and cages, etc. up to a weight of 1,200 kg. Thanks to its unique concept, the MMove-CrossDrive 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-CrossDrives in a single aisle
- ▶ The MMove-CrossDrive 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-CrossDrive communicates with its environment and provides information on current orders and statuses. The MMove-CrossDrive 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-CrossDrive 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



≤ 1.2 tonnes

maximum load



Film: MMove-CrossDrive - fast and safe around your warehouse.

