

# 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/s<sup>2</sup>

with load: up to 2 m/s<sup>2</sup>

**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. With reduced acceleration and speed, this increases to 1,500 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)<sup>1</sup> 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.

<sup>1</sup> Powercaps 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

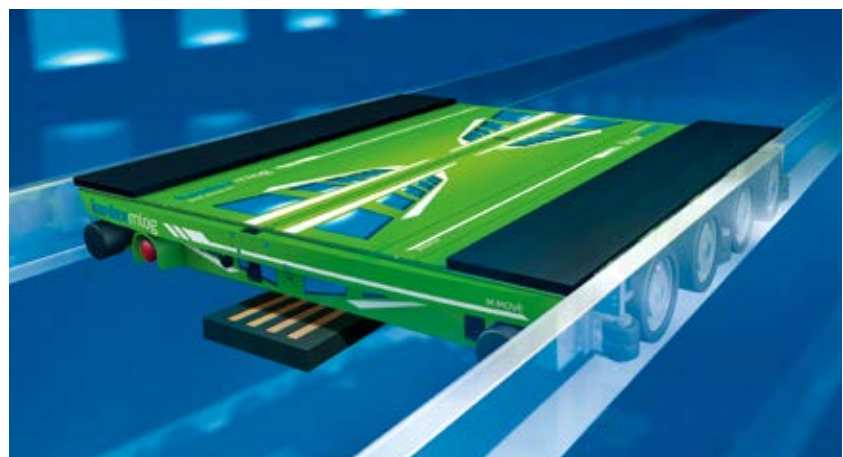


**≤ 10-second** charging time with the 400 volt energy charging module



### Maintenance-free

DC drives



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