

Drive unit - Powerdrive

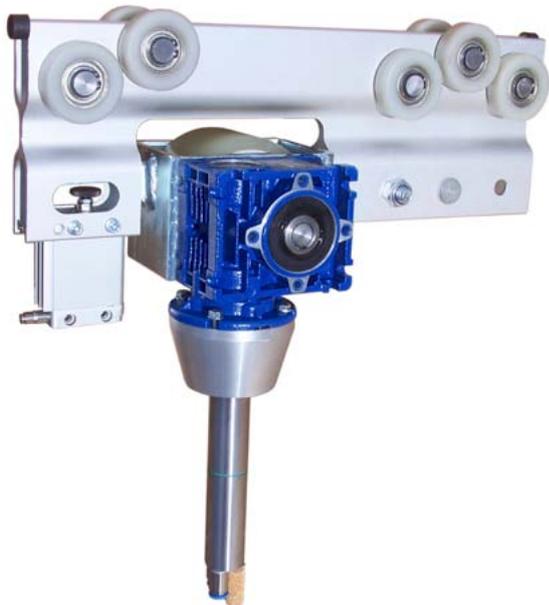
Electric or pneumatic drive unit



Powerdrive is an electric drive unit for Mechrail, integrated in the rail system trolleys. The driving speed is stepless, adjusted by frequency converter and controlled by a joystick.

Powerdrive can be used as drive unit in the X and Y directions, but also as brake system through additional control units on the manoeuvre handle.

Powerdrive is also available in a pneumatic version with an air-driven drive unit. It is used when electric media is not available or cannot be used, and is controlled in a similar way by for example a lever valve.



- ✓ Quick
- ✓ Accurate
- ✓ Reliable



Technical data

Speed	0-40 m/min
Load capacity	250 / 500 kg
Dead weight	<17 kg
Motor output	0,18 kW
Voltage	*
Fusing	10 AT
Enclosure class	IP 54
Noise level	< 70 dB (A)

Technical data

Speed	0-40 m/min
Load capacity	250 / 500 kg
Dead weight	15 Kg
Motor output	0,16 kW
Medium	Compressed air, filtererd, unlubricated
Working pressure	6 bar
Noise level	77 dB (A)

*

Single	1*230, N, PE (±15) 50/60 Hz
Single + Slave	3*230, N, PE (±15) 50/60 Hz
Double	1*230, N, PE (±15) 50/60 Hz
Double + Slave	3*230, N, PE (±15) 50/60 Hz
Triple	3*230, N, PE (±15) 50/60 Hz



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Weightless applications