

# MasterMover®

Danmark Electric Tug Solutions



## MP400

# Master Pusher

**Electric Pusher | The  
MasterPusher MP400**

The MasterPusher MP400 is designed to push loads on rails. Using leverage to gain traction, the single operator simply pushes the machine towards the load in order to start it moving. The impressive power originates from its AC drive motor and high torque gearbox whilst the automatic braking system and emergency stop button ensure high safety levels are maintained.

## Industries

Suitable for use in a wide range of applications and sectors



Trains



Wire and cable



Brick and Ceramic



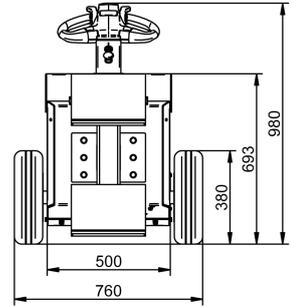
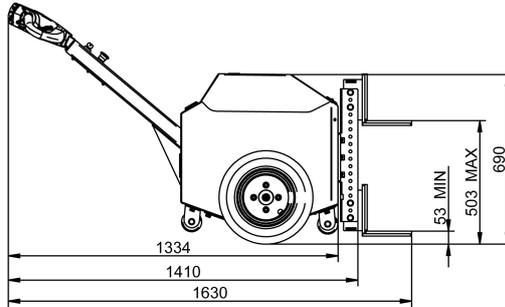
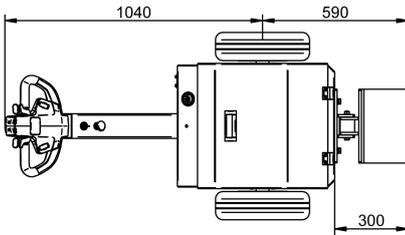
Paper

## KeyBenefits

1 year full guarantee

- Battery monitoring system
- FEA tested steel chassis
- AC drive motor
- High-torque gearbox
- Emergency stop button
- Leveraged weight transfer

## ProductDimensions



## SafetyFeatures

See our website for full technical details



Warning horn



Anti-crush button



Emergency stop button

## MaxLoadWeight

See our website for full technical details



Castors

Up to 2,000 kg\*



Rails

Up to 80,000 kg\*

\*"Maximum load weight" is only a recommendation that we arrive at by estimating rolling resistance. Your environment and wheel type may affect this figure which is why we carry out a detailed technical evaluation on every project. All of our calculations include a "safe work load" factor to ensure safe operation in all circumstances.

**Identification**

Product code	MP400
Recommended load weight - Rails	80000 kg
Machine weight including battery	214 kg
Drive type	Electric AC
Parking brake	Electromagnetic
Drive wheel type	Industrial pneumatic
Drive motor power	2 kW
Controller type	AC
Variable machine speed	0.1 km/h - 5 km/h
Ingress Protection	IP44

**Battery options**

Battery pack - sealed - 102Ah 24V - interchangeable
Battery pack - sealed - 119Ah 24V - interchangeable

**Charging options**

Charger - external - 12.5A 24V - 110V-240V
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**Additional equipment**

Option - flashing safety light and motion bleeper
Option - two speed selector switch

**Male coupling options**

Coupling - male - height adjustable box
Coupling - height adjustable push plate - 90° (L shaped)
Coupling - height adjustable push plate
Coupling - York
Coupling - Tetra
Coupling - push plate - roller

**Female coupling options**

Coupling - female - box
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## ContactUs

Find your local dealer here

To arrange a free demonstration, or for further information about our material handling solutions, please contact your local dealer

Metalgangen 16, , 2690 Karlslunde, , Denmark

**Telephone:** +45 45877412 **Email:** info@repella.dk

**Fax:** +45 45883084 **Website:** www.mastermover.com



## AboutUs

Located in Derbyshire, the UK's manufacturing hub, MasterMover is a British business success story with customers all over the world.

Our products are relied upon by market leading organisations and global brands across a broad cross-section of industries including Aerospace, Automotive, Pharmaceutical, Retail and Healthcare.



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