MasterMover®
Worldwide Electric Tug Solutions



TMS2000+

Trailer Moving System

Articulated Trailer Mover | MasterMover Trailer Moving System TMS2000+

The Trailer Moving System TMS2000+ allows a single pedestrian operator to move unladen articulated lorry trailers weighing up to 20,000 kg. Using a clever hydraulic weight transfer system, the TMS2000+ connects to the fifth wheel pin and lifts the front of the trailer off its stands. Controlled start acceleration and an AC drive motor then mobilise the load and automatic braking brings tug and trailer to a stop if the controls are released.

Industries

Suitable for use in a wide range of applications and sectors



Articulated Lorry Trailers



Articulated Lorry Trailers



Articulated Lorry Trailers



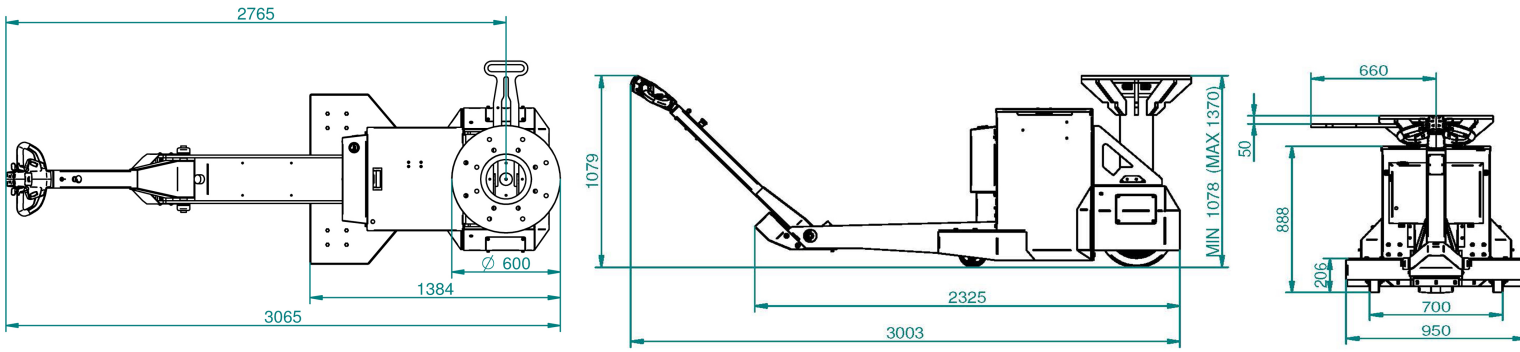
Articulated Lorry Trailers

KeyBenefits

1 year full guarantee

- **Battery monitoring system**
- **FEA tested steel chassis**
- **20,000 kg trailer capacity**
- **Hydraulic king pin lift**
- **Automatic braking system**
- **Hydraulic weight transfer**

ProductDimensions



SafetyFeatures

See our website for full technical details



Automatic cut off when tiller arm returns to vertical



Emergency stop button



Warning horn

MaxLoadWeight

See our website for full technical details

Castors

Up to 20,000 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.

TechnicalData

See our website for full technical details

Identification	
Product code	TMS2000+
Recommended load weight - Axle wheels	20000 kg
Recommended load weight - Rails	80000 kg
Machine weight including battery	814 kg
Drive type	Electric AC
Parking brake	Electromagnetic
Drive wheel type	Polyurethane
Drive motor power	8 kW
Controller type	AC
Variable machine speed	0.1 km/h - 5 km/h
Max king pin lift	4,000kg

Battery options
Battery pack - sealed - 120Ah 48V - fixed

Charging options
Charger - external - 20A 48V - 85V -265V

Mast options
Mast - 50mm king pin
Mast - 90mm king pin

Additional equipment
Option - flashing safety light and motion bleeper
Option - two speed selector switch
Option - air compressor - quick release
Option - lifting and anchoring points

ContactUs

Find your local dealer here

To arrange a demonstration, or for further information about our electric tug material handling solutions, please contact us

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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.

