MasterMover®
Worldwide Electric Tug Solutions



SM100 TOW

Smart Mover

Power Tow | SmartMover® SM100 TOW

The SM100 TOW is a self-weighted electric tow unit; it generates its own traction so it can tow loads up to 500 kg where weight transfer is not possible. Loads fitted with a draw bar or towing eye are ideal. Like all SmartMovers in the range, the SM100 TOW features two drive motors for power, an FEA tested steel chassis for strength and an interchangeable battery that allows it to be used 24 hours a day.

Industries

Suitable for use in a wide range of applications and sectors









Manufacturing and Assembly

KeyBenefits

1 year full guarantee

- **Battery monitoring system**
- **FEA tested steel chassis**
- **All steel covers**
- **2 Drive motors**
- **Secure coupling**
- **Internal weight packs**

ProductDimensions

SafetyFeatures

See our website for full technical details



Anti-crush button



Warning horn



Support wheels for operator safety

MaxLoadWeight

See our website for full technical details

Castors	Rails
Up to 500 kg*	Up to 2,000 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	SM100 TOW
Recommended load weight - Castors	500 kg
Recommended load weight - Rails	2000 kg
Machine weight including battery	117 kg
Drive type	Electric DC
Parking brake	Electromagnetic
Drive wheel type	Puncture-proof, non-marking
Drive motor power	2 x 0.22 kW
Controller type	110 DC Permanent
Variable machine speed	0.1 km/h - 5 km/h

Battery options
Battery pack - sealed - 22Ah 24V - interchangeable

Charging options
Charger - external - 5A 24V - 85V-265V

Additional equipment
Option - roll cage pivot link bar - universal
Option - XrissXcross roll cage connection straps
Option - flashing safety light and motion bleeper

Male coupling options
Coupling - manual - 15mm tow pin

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.

