

MasterMover®

USA Electric Tugger Solutions



SM100 TOW

Smart Mover

**SmartMover® SM100
TOW**

The SmartMover® SM100 TOW utilizes its two drive motors to generate the traction required to move loads up to 1,100 lbs.

As the SM100 TOW is a self-weighted unit, it is the ideal electric tow for applications where weight transfer is not possible and with the addition of anti-slip, puncture-proof tyres and supporting castors, operator safety is maintained at all times.

The interchangeable battery provides 24/7 operation and is perfectly suited for loads fitted with a draw bar or towing eye.

Industries

Suitable for use in a wide range of applications and sectors



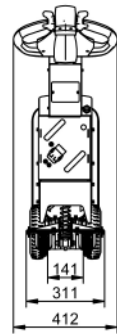
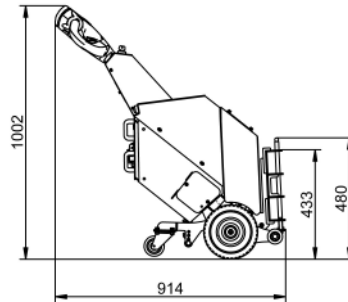
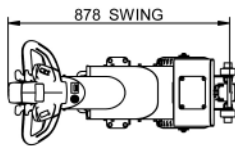
Airports

KeyBenefits

1 year full guarantee

- Pull any load safely up to 1,100 lbs
- Interchangeable battery for 24/7 operation
- Safely connect loads with draw bar or tow eye
- Throttle release automatic braking system
- Internal weight packs for added stability
- Support castors for operator safety
- Variable speed controls
- Fully customisable and bespoke couplings

ProductDimensions



SafetyFeatures

See our website for full technical details



Emergency stop and warning horn



Slow and fast speed selector for complete control



Automatic braking system when operator releases the throttle



Anti-slip and puncture-proof tyres

MaxLoadWeight

See our website for full technical details



Castors

Up to 1,100 lb*



Rails

Up to 4,400 lb*

*"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	SM100 TOW
Recommended max load	1100 lbs
Pull force	981 N
Push force	981 N
Chassis	All steel powder coated
Machine weight including battery	300 lbs
Variable machine speed	0.1 mph - 3.1 mph
Drive motor power	2 x 0.22 kW
Drive wheel type	Puncture-proof, non-marking
Parking brake	Electromagnetic
Ingress Protection	IP42
Noise level	≤ 80 dBA
Operating temperature	-15 to 40 °C

Battery options

How long does the battery last	15.1 km
Recharging times	4 hr 30 mins
Charger	External - 5A 24V - 85V-265V

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 Charlotte, North Carolina, MasterMover is a 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.

