

MasterMover®

USA Electric Tugger Solutions



SM100+

Smart Mover®

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The SmartMover® SM100+ is simple and easy to use, with single trigger operation allowing for full control whilst maintaining operator safety.

The variable speed button allows for the efficient movement of parts, stock or containers through various environments.

The safe and secure hydraulic coupling creates an unbreakable connection between the electric tug and attached load, giving total peace-of-mind and complete control. The SM100+ can even operate on slopes and uneven ground with the added benefit of reducing the need for manual handling.

Industries

Suitable for use in a wide range of applications and sectors



Aerospace



Retail and Logistics



Healthcare



Automotive and Commercial vehicles

KeyBenefits

1 year full guarantee

- Push and Pull any load safely up to 2,600lbs
- Interchangeable battery for 24/7 operation
- Safe & secure hydraulic coupling
- Throttle release automatic braking system
- Anti-slip and puncture-proof tyres
- Simple operation with no licence requirement
- Fully customisable and bespoke couplings
- Available in Stainless Steel

ProductDimensions

SafetyFeatures

See our website for full technical details



Anti-crush button

MaxLoadWeight

See our website for full technical details



Castors

Up to 2,600 lb*



Rails

Up to 10,500 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+
Recommended max load	2,600 lbs
Pull force	981 N
Push force	981 N
Chassis	All steel powder coated
Machine weight including battery	200 lbs
Variable machine speed	0.1 km/h - 5 km/h
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	9.3 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.

