

MasterMover®

USA

Electric Tugger Solutions



SM100

Smart Mover®

SmartMover® SM100

The SmartMover® SM100 is a battery powered tug that generates traction through a leveraged weight transfer system. This allows a single operator to easily and safely move loads weighing up to 2,200 lbs

A simple lever system ensures a secure coupling to the load making the SM100 a safer alternative to manual handling of heavy wheeled loads. The addition of anti-slip, puncture-proof tyres and supporting castors, operator safety is maintained at all times, even on slopes or in congested areas.

The SmartMover® SM100 compact electric tug can be fully customised and built to perform at its best in your workplace environment, with various couplings, additional safety features and machine options available.

Industries

Suitable for use in a wide range of applications and sectors



Healthcare



Manufacturing and Assembly



Retail and Logistics



Manufacturing and Assembly

KeyBenefits

1 year full guarantee

- Push and Pull any load safely up to 1,000 kg
- Interchangeable battery for 24/7 operation
- Throttle release automatic braking system
- Leveraged weight transfer system
- Simple lever coupling system
- Variable speed control
- Fully customisable and bespoke couplings

ProductDimensions

SafetyFeatures

See our website for full technical details



Anti-crush button



Slow and fast speed selector for complete control



Automatic braking system when operator releases the throttle



Secure connection to load

MaxLoadWeight

See our website for full technical details



Castors

Up to 2,200 lb*



Rails

Up to 8,800 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 | 2,200 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 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 | 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.

