MasterMover®
Worldwide Electric Tug Solutions



SM100+ SS

Smart Mover

Stainless Steel Electric Power Tugger | SM100+ SS

The SmartMover pedestrian operated tug is a versatile machine for moving loads in many different manufacturing processes. This frequently includes environments that require a specific level of cleanliness or where the machine needs to be corrosion resistant. For this reason the SmartMover is also available in 316 grade stainless steel as the SM100+ SS. This is often used by food processing and pharmaceutical companies to remove the risk of injury caused by manual handling of heavy loads. The SmartMover is a compact machine that can pull loads up to 1,200 kg making it ideal for moving trolleys and mixing vessels in confined spaces that would otherwise be moved by hand.

Industries

Suitable for use in a wide range of applications and sectors





Food and Beverage



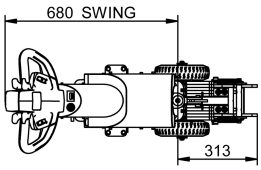
Chemical

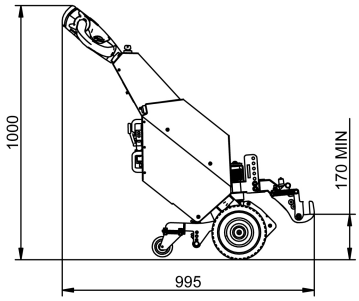
KeyBenefits

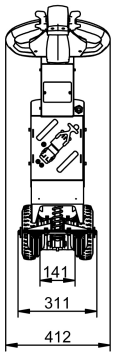
1 year full guarantee

- **Avoid manual handling injury risk**
- **Can move multiple trolleys**
- **Ideal for mixing vessels or vats**
- **Corrosion resistance for hygiene**
- **Push button connection to load**
- **Easy to use**
- **No operator licence required**

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 1,200 kg*	Up to 4,800 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+ SS
Recommended load weight - Castors	1200 kg
Recommended load weight - Rails	4800 kg
Machine weight including battery	87 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 - fixed
Battery pack - sealed - 22Ah 24V - interchangeable

Charging options
Charger - external - 5A 24V - 85V-265V
Charger - internal - 3A 24V - 110V-240V

Male coupling options
Coupling - hydraulic - 50mm x 25mm (A frame)

Female coupling options
Coupling - adaptor - 50mm x 25mm - straight
Coupling - adaptor - 50mm x 25mm - angled

Stainless Steel	
Ingress Protection (IP)	IP42
Corrosion resistant stainless steel metalwork	316 Grade
Mechanically polished stainless steel	240-grit abrasive to 0.6µ satin finish
Stainless steel and polyurethane castors	304 Grade, non-marking
Stainless steel Ram	316 Grade
Stainless steel nuts and bolts	316 Grade (A4)
Stainless steel gas spring	316 Grade
Food quality hydraulic oil	ISO Standard 32
Food quality lubricating grease	Fully synthetic

ContactUs

Find your local dealer here

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

Airfield Industrial Estate, Moor Farm Road, Ashbourne, Derbyshire, DE6 1HD, United Kingdom

Telephone Sales: 01335 301 030 **Email:** sales@mastermover.com

Fax: **Website:** www.mastermover.com



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.

