

**MasterMover®**

USA Electric Tugger Solutions



**SM100+ SS**

# Smart Mover

**SM100+ SS | Stainless  
Steel Electric Power  
Tugger**

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



Pharmaceutical



Food and Beverage



Chemical



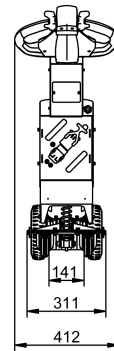
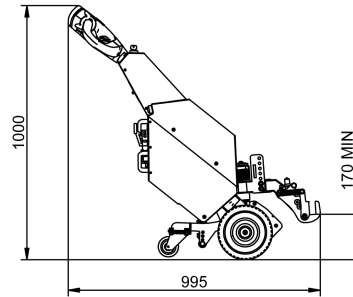
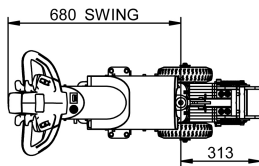
Food and Beverage

## 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

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+ SS
Recommended load weight - Castors	2600 lbs
Recommended load weight - Rails	10600 lbs
Machine weight including battery	200 lbs
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 mph - 3.1 mph

**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

**Options**

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

## Contact Us

Find your local dealer here

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

MasterMover Inc, 8041-J Arrowridge Boulevard, Charlotte, NC 28273, , USA

**Telephone Sales:** 980-263-2210 **Email:** sales@mastermover.com

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



## About Us

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.



SmartMover SM100+ Stainless Steel