

# POWERED MOBILE STRADDLE STACKER

This versatile, powerful and compact stacker has a short turning radius, making it the ideal choice for narrow aisles, process suites, air locks, or where space is at a premium.

Ideal for special lift requirements inside clean process areas.  
Can easily lift and move up to 3,000 lbs/1,361 kg

## Construction:

- 304L Stainless steel construction with #4 finish
- Suitable for wash-down and clean room environments

## Weight Capacity:

- 3,000 lbs (1,361 kg) at 24" (610 mm) load center

## Battery:

- Sealed gel batteries. Charging port with Auto Switch automatically switches to charging mode when plugged in.
- On-board 40A smart charger requires 110V/20A wall outlet

## Tires:

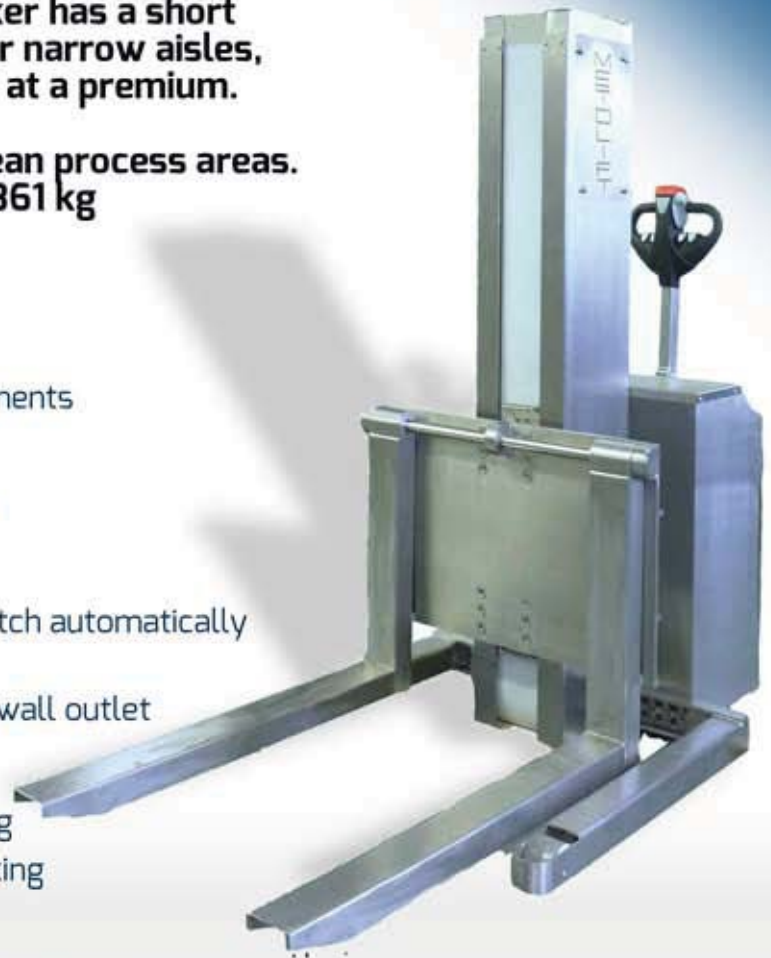
- Drive tires are 12" x 5" Polyurethane/Non-marking
- Load tires are 4" x 3.25" Polyurethane/Non-marking

## Electric:

- 24 volt Curtis Integrated AC traction and hydraulic system controller provides high performance travel control throughout all speed ranges. Travel speed remains constant relative to throttle position regardless of load. Separately fused power control circuits, quick disconnect EPD power cut-off, and an hour meter/battery discharge indicator combination gauge.

## Brakes:

- Regenerative electromagnetic brake is mounted on motor armature shaft multiplying the braking power through the transmission. Brake is applied when the control arm is in the vertical or horizontal handle positions, as well as anti-roll back and neutral braking features.



*See other side*

556 Commerce Street  
Franklin Lakes, NJ 07417  
201.405.0311  
sales@metolift.com

Innovators For  
Cleanroom Material  
Handling



[www.metolift.com](http://www.metolift.com)

## POWERED MOBILE STRADDLE STACKER



Model	Stroke	Collapsed Height	Raised Height	Turning Radius
PMSS-6	72"	70.75"	106.75"	72"
PMSS-8	96"	82.75"	130.75"	72"
PMSS-10	120"	94.75"	154.75"	72"

### Transmission:

- Vertically mounted drive motor is direct mounted to the gear housing. Oil-bathed hypoid bevel gear drive train with tapered roller bearings transfer the power to the axle.
- State of the art optimized gear technology provides advantages such as minimal envelope circle, zero maintenance, low noise level, high efficiency and performance

### Tiller Arm Controls:

- Travel, lift and lower functions are located in the ergonomic operator handle. All operator controls are accessible without having to remove one's hand from the handle. Angle grips are designed to allow easy operation with either hand.
- Gas-assisted spring handle gently returns handle to the vertical position.
- Crawl speed function allows for ease-of-use in tight areas.
- Wrap around guard, reversing switch, thumb control and horn are standard.

### Accessibility:

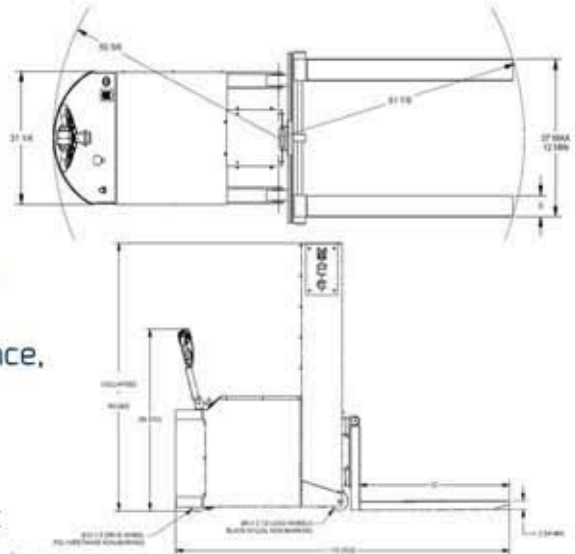
- Removal of cover exposes major components for inspection and maintenance.

### Standard Equipment:

- Crawl speed travel control
- Adjustable forks
- Proportional speed raise/lower
- Programmable keypad
- Hour meter BDI gauge

### Optional Equipment:

- Various attachments for application-specific functions.



[www.metolift.com](http://www.metolift.com)

Innovators For  
Cleanroom Material  
Handling

556 Commerce Street  
Franklin Lakes, NJ 07417  
201.405.0311  
[sales@metolift.com](mailto:sales@metolift.com)