



## VEHICLE OVERVIEW



### **MT 180** MODEL LITHIUM

## Robust and nimble, the key to lean manufacturing.

This hardworking tow tractor delivers outstanding performance. With its efficient motor and 10,000-lbs. towing capacity, the MT-180 is ideal for moving trailers. It's also narrow enough to fit through most door openings. From its all-steel construction to its all-wheel braking, this tugger is built for years of heavy use in total comfort and safety. All this combined with superior AC technology makes short work of tough requests.



#### Tow Tractors

Other Models : 36V, 48V

 PASSENGERS  
1

 LOAD CAPACITY  
500 lbs

 TOWING CAPACITY  
10,000 lbs

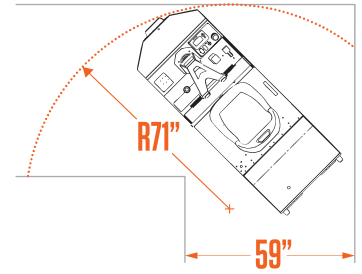
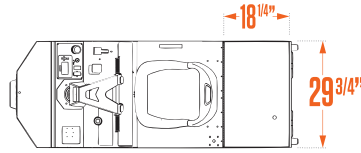
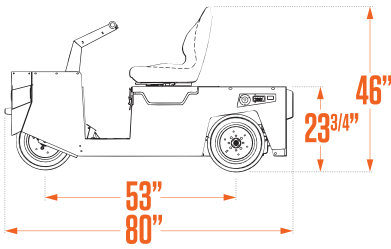
 SPEED MPH  
8 mph

 TURNING RADIUS  
71"

#### FEATURES

- Maintenance free AC motor
- AC controller with sealed connectors paired with multifunction display
- Long-lasting, battery-saving LED lights
- Onboard / portable high frequency PFC battery charger
- Automatic parking brake





## Dimensions

### VEHICLE

Height	46"	1,168 mm
Length	80"	2,032 mm
Width	29,75	29,75
Wheel Base	53"	1,346 mm
Ground Clearance	n/a	n/a

### DECK

Height	23,75	23,75
Width	29,75	29,75
Length	18,25	18,25

### UNIT WEIGHT

With Batteries	1 025,7	1 025,7
Without Batteries	900 lbs	408 kg

### BATTERIES

Height	n/a	n/a
Length	n/a	n/a
Width	n/a	n/a
Weight - Min	n/a	n/a
Weight - Max	n/a	n/a

## Performances

### VEHICLE

Passengers	1	
Load Capacity	500 lbs	227 kg
Tow Capacity	10,000 lbs	4,536 kg
Drawbar Pull - Normal	250 lbs	1,112 N
Drawbar Pull - Ultimate	900 lbs	4,003 N
Speed MPH	8 mph	13 km/h
Turning Radius	71"	1,803 mm

Vehicle shown may have optional accessories and is provided for illustrative purposes only.

Specifications and standard equipment are subject to change without notice.

## Specifications

### POWERTRAIN

Motor	15 HP brushless AC motor
Controller	Electronic AC speed controller
Drive Axle	Helical gear differential
Brakes	Front drum brake, Regenerative braking, electromagnetic parking brake.
Wheels	4.8x8 LRC pneumatic tires
Transmission	Direct drive
Suspension	Coil spring and shock absorbers on front, leaf spring on rear
Starter	n/a
Clutch	n/a
Engine	n/a

### ENERGY

Voltage	48 Volt
Battery	48V-120Ah Lithium-ion 6.2Kwh or 48V-180Ah Lithium-ion 9.3Kwh
Charger	48V High-frequency on-board charger 1.2Kwh or 2.4Kwh
Alternator	n/a
Fuel	n/a

### CHASSIS

Body	All-steel unibody construction
Color	Powder coating
Lights	Dual LED headlights & tail/brake lights

### OPERATOR COMPARTMENT

Steering	Handlebar
Seats	Bucket seat on slide adjusters
Indicators	Multifunction display including speedometer, battery state of charge, hour meter, odometer and fault warnings. Password-protected parameters and monitoring capability.
Safety	Reverse Alarm, Deadman Seat Switch, Emergency Stop Button, Horn
Accessories	48V/12V converter for 12-volt accessories, front and rear rubber bumpers

## Standards

Comply with ANSI B56.9 and UL 583



## POPULAR OPTIONS

**GET THE IDEAL VEHICLE FOR THE JOB.**

With unlimited configurations, we make customization quick, easy and affordable.

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### Hitches

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MT180-BUMPER02 12" Rear footstep

### Lights

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MT180-LIGHTBAR01 Reverse, tail / brake light bar

### Safety Features

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250-026BSL01 Blue safety light on front cowl

### Steering Systems

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MT180-STEERING02 Steering column

### Wheels

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MT180-WHEELS02 Solid softy rubber wheels

*The list above shows the most popular options for this vehicle. More options are available. To learn more about the MT - 180 - Lithium options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.*



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