



## VEHICLE OVERVIEW

MELISSA HARTMANN

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### MT 280 MODEL 36V SD

## The #1 workhorse of automakers.

This hardworking tow tractor delivers outstanding performance. With its efficient AC direct-drive motor and 16,000-lb. towing capacity, the MT-280 is ideal for moving trailers over long distances. From its all-steel construction and demountable bumpers to its high torque drum brakes, this tugger is built for years of heavy use in total comfort and safety. The easy-to-access under seat industrial battery prevents mid-shift interruptions. EE rating available.

#### Tow Tractors, Personnel Carriers

Other Models : 36V, 36V HD



 PASSENGERS  
1

 LOAD CAPACITY  
800 lbs

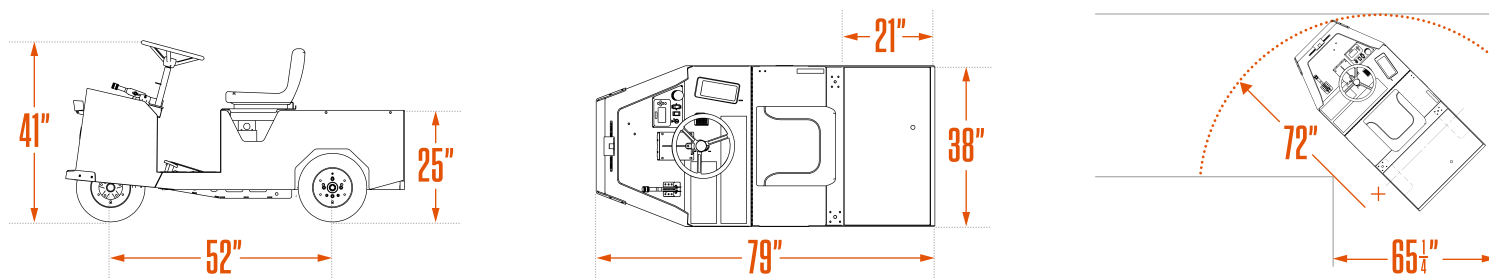
 TOWING CAPACITY  
16,000 lbs

 SPEED MPH  
6 mph

 TURNING RADIUS  
72"

#### FEATURES

- High-efficiency asynchronous AC / Direct Drive motor
- Robust long-life industrial batteries
- AC controller with sealed connectors paired with multifunction display
- Long-lasting, battery-saving LED lights
- Inboard / portable high frequency PFC battery charger



## Dimensions

### VEHICLE

Height	41"	1,041 mm
Length	79"	2,007 mm
Width	38"	965 mm
Wheel Base	52"	1,321 mm
Ground Clearance	n/a	n/a

### DECK

Height	25"	635 mm
Width	38"	965 mm
Length	21"	533 mm

### UNIT WEIGHT

With Batteries	1900-2250	1900-2250
Without Batteries	1,150 lbs	522 kg

### BATTERIES

Height	17.5"	445 mm
Length	35.2"	894 mm
Width	16"	406 mm
Weight - Min	750 lbs	340 kg
Weight - Max	1,100 lbs	499 kg

## Performances

### VEHICLE

Passengers	1	
Load Capacity	800 lbs	363 kg
Tow Capacity	16,000 lbs	7,257 kg
Drawbar Pull - Normal	400 lbs	1,779 N
Drawbar Pull - Ultimate	800 lbs	3,559 N
Speed MPH	6 mph	10 km/h
Turning Radius	72"	1,829 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	Brushless AC motor, 7.5 HP Intermittent, 10 HP Max
Controller	AC Electronic speed controller
Drive Axle	Helical gear differential
Brakes	Rear hydraulic drum brakes, regenerative braking
Wheels	4.8x8 LRC pneumatic tires
Transmission	Direct drive
Suspension	Dual coil springs & shock absorbers front and Dual leaf springs on rear
Starter	n/a
Clutch	n/a
Engine	n/a

### ENERGY

Voltage	36 Volt
Battery	No battery included
Charger	No charger included
Alternator	n/a
Fuel	n/a

### CHASSIS

Body	All-steel unibody construction
Color	Security orange or federal yellow
Lights	LED headlight & tail/brake light

### OPERATOR COMPARTMENT

Steering	Automotive steering wheel
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, horn
Accessories	36V/12V converter for 12-volt accessories, bolt-on front bumper

## Standards

Conforms to requirements for type E, UL 583, ANSI B56.9



## POPULAR OPTIONS

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

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

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### Driver Area Options

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360-ABC019	Cup holder
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### Hitches

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448-056	Clevis type hitch (1") with safety spring"
280-RELEASE01	Hand release lever for clevis hitch

### Lights

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240-024K	Headlights on key switch
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### Performances

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280-PROGRAMMING04	Factory programmed to 6 mph max. speed
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### Safety Features

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360-026BSL02	Blue safety light on front cowl
360-023	Motion beeper
240-025	Pole mounted strobe light, amber

### Wheels

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240-075	Flat prevention tire treatment
240-WHEELS06	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 - 280 - 36V SD options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.*



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