



VEHICLE OVERVIEW

MARTIN JOSE DEL CASTILLO S.
FEBRUARY 23, 2019

MT 800 MODEL 80V

Built for your biggest, toughest jobs.

This compact two-seater is engineered for tight industrial settings requiring huge towing power. Its 50,000-lb. payload is backed by a 40 hp AC direct-drive motor with constant laden speed and front suspension with dual shock absorbers. The dual planetary wheel drive with enclosed wet disks reduce maintenance; the electric regenerative brakes lengthen running time. It's also virtually indestructible, thanks to the one-piece thick plate steel welded chassis reinforced at all high-stress areas.



Tow Tractors
Other Models :

 PASSENGERS
2

 LOAD CAPACITY
500 lbs

 TOWING CAPACITY
50,000 lbs

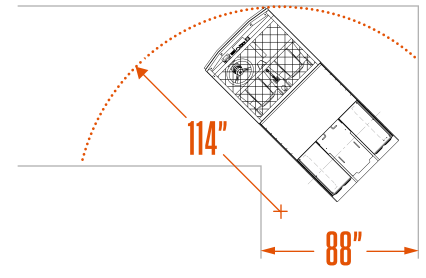
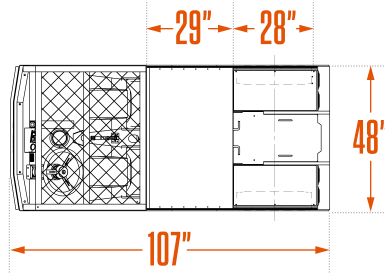
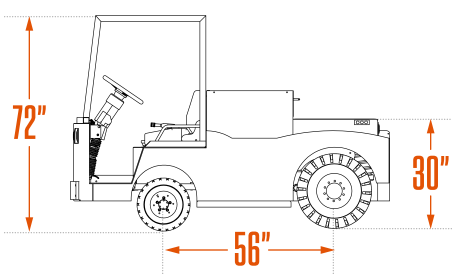
 SPEED MPH
12 mph

 TURNING RADIUS
114"



FEATURES

- High-efficiency asynchronous AC / Direct Drive motor
- Robust long-life industrial batteries
- AC controller with sealed connectors
- Built-to-last all-steel unibody construction
- Heavy-duty powder paint & protection



Dimensions

VEHICLE

Height	72"	1,829 mm
Length	107"	2,718 mm
Width	48"	1,219 mm
Wheel Base	56"	1,422 mm
Ground Clearance	n/a	n/a

DECK

Height	n/a	n/a
Width	n/a	n/a
Length	n/a	n/a

UNIT WEIGHT

With Batteries	8,500 lbs	3,856 kg
Without Batteries	4,200 lbs	1,905 kg

BATTERIES

Height	31,5	31,5
Length	27"	686 mm
Width	45,5	45,5
Weight - Min	3,900 lbs	1,769 kg
Weight - Max	4,300 lbs	1,950 kg

Performances

VEHICLE

Passengers	2	
Load Capacity	500 lbs	227 kg
Tow Capacity	50,000 lbs	22,680 kg
Drawbar Pull - Normal	1,000 lbs	4,448 N
Drawbar Pull - Ultimate	5,000 lbs	22,241 N
Speed MPH	12 mph	19 km/h
Turning Radius	114"	2,896 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	40 hp AC motor
Controller	Electronic speed controller, Inching controls on rear
Drive Axle	Dual planetary wheel drives
Brakes	Electric regenerative braking, hydraulic brakes with front dry discs and rear wet discs, hand lever parking brake
Wheels	Solid softy wheels, front 600x9, rear 700x12
Transmission	Integrated motor/axle, direct drive
Suspension	Front leaf spring suspension with dual shock absorbers, rear rubber spring suspension
Starter	n/a
Clutch	n/a
Engine	n/a

ENERGY

Voltage	80 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 dual headlights & tail/brake lights, turn signals

OPERATOR COMPARTMENT

Steering	Power steering with hydrostatic orbitrol and hydraulic cylinder
Seats	Two suspension seats on slide adjusters
Indicators	Digital display, battery status, hour meter, Fault diagnostic
Safety	Deadman seat switch, reverse alarm
Accessories	80V/12V converter for 12-volt accessories, horn

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.

Cabs & Top Covers

800-041 Steel cab kit with doors, rear view mirrors, wiper

Driver Area Options

800-FORD02 Rear convex mirror for hitch positioning

Hitches

800-056 E-type clevis hitch

Safety Features

360-023 Motion beeper

800-027 Strobe light

Seats

360-049 Seat belts, retractable, two passengers

The list above shows the most popular options for this vehicle. More options are available. To learn more about the MT - 800 - 80V options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.



Martin Jose Del Castillo S.
President

+52 662 210-7808 #104
mj.delcastillo@mmh.com.mx

Mex Material Handling
Los Mayos 13, Parque Industrial
Hermosillo (Sonora)
83299
Mexico



www.motrec.com