



VEHICLE OVERVIEW

MARTIN JOSE DEL CASTILLO S.
FEBRUARY 23, 2019

MT 290 MODEL 48V

Strength & agility on 4 wheels.

Built on our popular MP-250 base, the more powerful MT-290 is equal parts modern workhorse and mobile workshop. Its efficient AC motor offers impressive acceleration, even when towing loads of 16,000 lbs. Its all-steel construction and four-wheel vibration dampening design ensure a smooth and stable ride even on bumpy surfaces. This agile, round-the-clock tow tractor effortlessly maneuvers through challenging areas, including doorways. A multi-purpose tugger boasting a long-lasting industrial battery with easy under-the-seat access.



Personnel Carriers, Tow Tractors
Other Models : 36V HD, 24V Narrow

PASSENGERS
1

LOAD CAPACITY
700 lbs

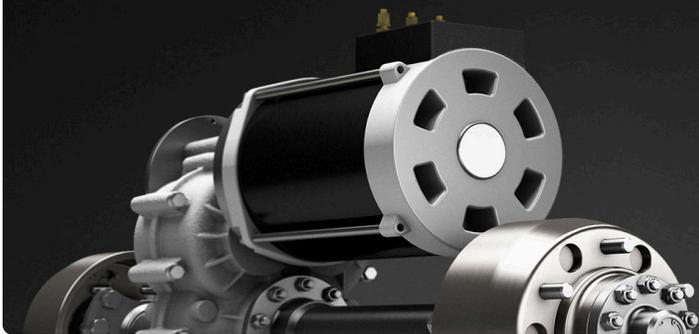
TOWING CAPACITY
16,000 lbs

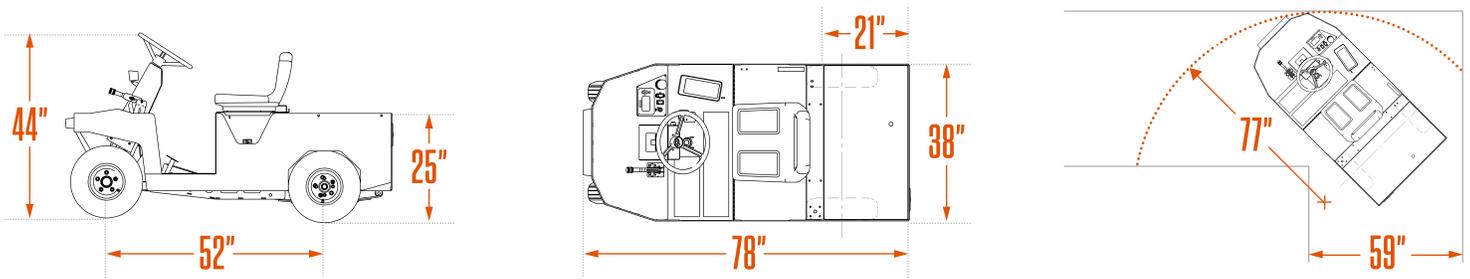
SPEED MPH
8 mph

TURNING RADIUS
77"

FEATURES

- High-efficiency asynchronous AC / Direct Drive motor
- Robust long-life industrial batteries
- AC controller with sealed connectors paired with multifunction display
- Powerful automatic electromagnetic parking brake
- Battery-saving efficient DC/DC converter





Dimensions

VEHICLE

Height	45"	1,143 mm
Length	78"	1,981 mm
Width	38"	965 mm
Wheel Base	51"	1,295 mm
Ground Clearance	n/a	n/a

DECK

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

UNIT WEIGHT

With Batteries	n/a	n/a
Without Batteries	n/a	n/a

BATTERIES

Height	17,5	17,5
Length	16"	406 mm
Width	35,2	35,2
Weight - Min	n/a	n/a
Weight - Max	n/a	n/a

Performances

VEHICLE

Passengers	1	
Load Capacity	700 lbs	318 kg
Tow Capacity	16,000 lbs	7,257 kg
Drawbar Pull - Normal	n/a	n/a
Drawbar Pull - Ultimate	n/a	n/a
Speed MPH	8 mph	13 km/h
Turning Radius	77"	1,956 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, 9 HP Intermittent, 15 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 leaf springs on rear
Starter	n/a
Clutch	n/a
Engine	n/a

ENERGY

Voltage	48 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	48V/12V converter for 12-volt accessories, bolt-on bumpers and rear wheel guards

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

290-CAB02 Steel cab and doors, wiper, rearview mirror

Driver Area Options

360-ABC019 Cup holder

Hitches

448-056 Clevis type hitch with safety spring

280-RELEASE01 Hand release lever for clevis hitch

Lights

240-024K Headlights on key switch

Safety Features

360-023 Motion beeper

240-025 Pole mounted strobe light, amber

Wheels

260-075 Flat prevention tire treatment

260-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 - 290 - 48V 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