



# VEHICLE OVERVIEW

MARTIN JOSE DEL CASTILLO S.  
FEBRUARY 25, 2019

## MP 500 MODEL WHEELCHAIR

### The best way to move up to 36 passengers.

This fully customizable vehicle is designed for moving large groups quickly, safely and comfortably. It can efficiently pull two tram trailers in all sorts of conditions and climb hills with ease. Its well-balanced design and short turning radius ensure superior maneuverability with responsive steering and braking. Its light-touch accelerator means a smoother ride, while its industrial batteries and cell equalization converter mean more trips per charge. Available in unlimited configurations, including forward-facing or back-to-back seating. Optional wheelchair ramp.



#### Trams, Personnel Carriers

Other Models : 8 passengers, 6 passengers, 10 passengers, 11 passengers



**PASSENGERS**  
6

**LOAD CAPACITY**  
3,000 lbs

**TOWING CAPACITY**  
6,000 lbs

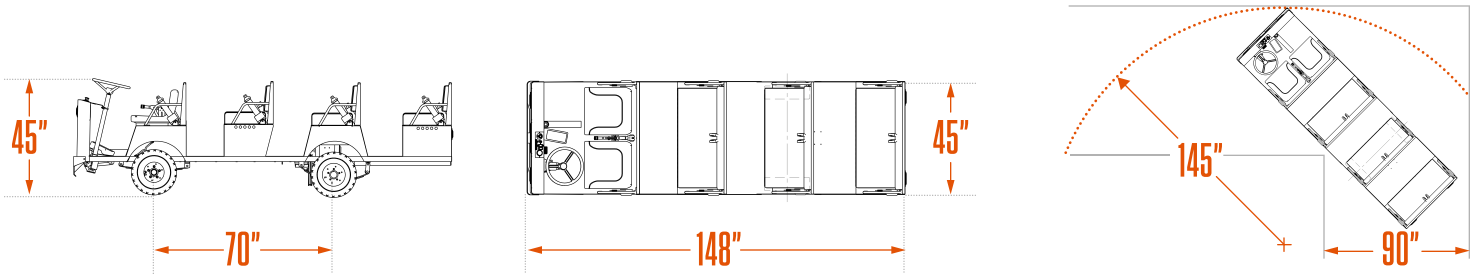
**SPEED MPH**  
8 mph

**TURNING RADIUS**  
145"



#### FEATURES

- Reinforced bolt-on front and rear bumpers
- Heavy-duty braking power
- Fatigue- and accident-saving ergonomic suspension
- Built-to-last all-steel unibody construction
- Heavy-duty powder paint & protection



## Dimensions

### VEHICLE

Height	n/a	n/a
Length	n/a	n/a
Width	n/a	n/a
Wheel Base	n/a	n/a
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	1,650 lbs	748 kg
Without Batteries	n/a	n/a

### 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	6	
Load Capacity	3,000 lbs	1,361 kg
Tow Capacity	6,000 lbs	2,722 kg
Drawbar Pull - Normal	n/a	n/a
Drawbar Pull - Ultimate	n/a	n/a
Speed MPH	8 mph	13 km/h
Turning Radius	145"	3,683 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 shunt motor
Controller	Electronic speed controller
Drive Axle	Differential with automotive ring gear
Brakes	4 wheels 11", regenerative braking
Wheels	5.7x8 LRC pneumatic tires
Transmission	Goodyear Eagle Synchronous drive
Suspension	Dual leaf springs on front and rear
Starter	n/a
Clutch	n/a
Engine	n/a

### ENERGY

Voltage	n/a
Battery	Eight 6V-244AH batteries
Charger	High-Frequency Charger, improves battery performance, prevents current surge, 50/60HZ, 110/220VAC
Alternator	n/a
Fuel	n/a

### CHASSIS

Body	14-G diamond-plate steel body, tubular frame
Color	Security orange or federal yellow
Lights	LED dual headlights & tail/brake lights

### OPERATOR COMPARTMENT

Steering	Automotive steering wheel
Seats	Two bucket seats on slide adjusters, plus 3 bench type and wheel chair access ramp
Indicators	Battery status indicator
Safety	Deadman seat switch, reverse alarm, seat belts
Accessories	Horn, Bolt-on Front Bumper, DC/DC converter to equalize battery cells

## Standards

n/a

## POPULAR OPTIONS

**GET THE IDEAL VEHICLE FOR THE JOB.**  
With unlimited configurations, we make customization quick, easy and affordable.

---

### Brakes

360-031 Front hydraulic disc brakes

---

### Driver Area Options

480-020 Digital battery gauge with hour meter (included with AC package when applicable)

---

### Hitches

360-086 Clevis type hitch with safety spring

---

### Lights

360-024 Turn signals with 4-way flashers

---

### Safety Features

360-026 Pole mounted strobe light

---

### Wheels

360-077 500 x 8 solid soft rubber wheels

*The list above shows the most popular options for this vehicle. More options are available. To learn more about the MP - 500 - Wheelchair 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](http://www.motrec.com)