



VEHICLE OVERVIEW

MARTIN JOSE DEL CASTILLO S.

FEBRUARY 25, 2019

MC 480 MODEL 48V LD

The next generation of burden carrier.

With its advanced engineering and improved modular design, the MC-480 takes productivity to new places. It boasts superior components throughout, including a high-efficiency AC powertrain and controller with multifunction display, direct drive differential and larger drum brakes. Its well-balanced rear-battery design increases maneuverability, traction and braking—even when carrying heavy loads. Standard features include bolt-on front bumper, high-strength tubular frame and all-steel body. A safe, rugged, do-it-all vehicle with unlimited configurations.



Personnel Carriers, Burden Carriers

Other Models : 48V, 36V, 36V LD

 PASSENGERS
2

 LOAD CAPACITY
1,500 lbs

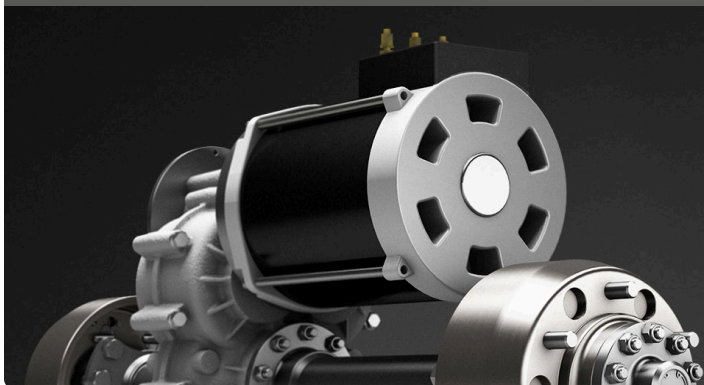
 TOWING CAPACITY
6,000 lbs

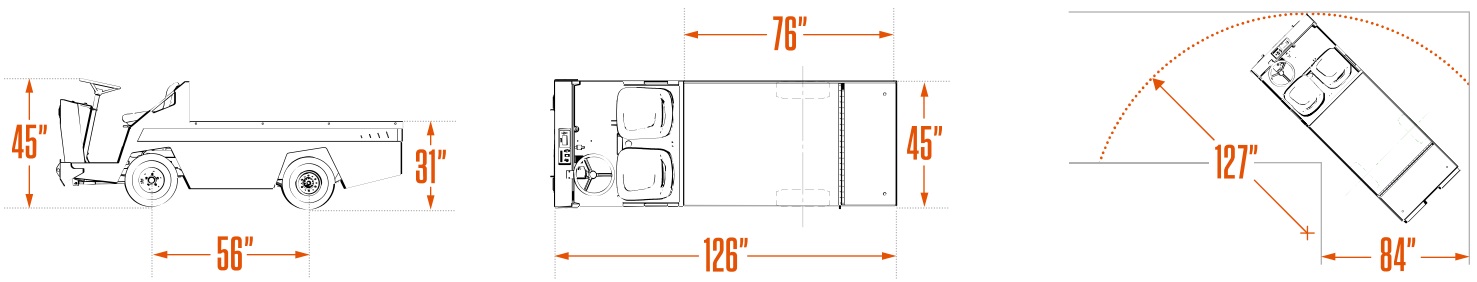
 SPEED MPH
10 mph

 TURNING RADIUS
127"

FEATURES

- High-efficiency asynchronous AC / Direct Drive motor
- AC controller with sealed connectors paired with multifunction display
- Reinforced bolt-on front and rear bumpers
- Powerful automatic electromagnetic parking brake
- Time-saving roll-out battery compartment*
- EE rating available





Dimensions

VEHICLE

Height	45"	1,143 mm
Length	126"	3,200 mm
Width	45"	1,143 mm
Wheel Base	56"	1,422 mm
Ground Clearance	6"	152 mm

DECK

Height	31"	787 mm
Width	45"	1,143 mm
Length	76"	1,930 mm

UNIT WEIGHT

With Batteries	1,600 lbs	726 kg
Without Batteries	1,100 lbs	499 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	2	
Load Capacity	1,500 lbs	680 kg
Tow Capacity	6,000 lbs	2,722 kg
Drawbar Pull - Normal	350 lbs	1,557 N
Drawbar Pull - Ultimate	1,050 lbs	4,671 N
Speed MPH	10 mph	16 km/h
Turning Radius	127"	3,226 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, 15 HP Max (9 HP Continuous)
Controller	AC Electronic speed controller
Drive Axle	Helical gear differential
Brakes	Rear hydraulic drum brakes, electromagnetic parking brake with manual hand release, regenerative braking
Wheels	5.7x8 LRD pneumatic tires
Transmission	Direct Drive
Suspension	Dual leaf springs on front and rear
Starter	n/a
Clutch	n/a
Engine	n/a

ENERGY

Voltage	48 Volt
Battery	Eight 6V-225AH batteries
Charger	High-frequency (85-265VAC / 45-65Hz, 1kw), built-in and automatic.
Alternator	n/a
Fuel	n/a

CHASSIS

Body	All-steel unibody construction. Powder Coating.
Color	Security orange or federal yellow
Lights	LED dual headlights & tail/brake lights, dual back-up lights

OPERATOR COMPARTMENT

Steering	Automotive steering wheel
Seats	Two bucket seats 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	Deadman seat switch, reverse alarm, horn, automatic parking brake
Accessories	Bolt-on front bumper, DC/DC converter to equalize battery cells

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.

Batteries & Chargers

480-001TPPL

TPPL maintenance-free batteries, 3-year warranty. Opportunity charge standard, fast charge ready. (request appropriate charger from Motrec)

Cabs & Top Covers

360-CAB09

4-passenger cab. Require seat option 360-050.

Decks

360-054-AC

Steel cargo box. 9" deep.

Hitches

360-086

Clevis type hitch with safety spring

Lights

360-LIGHTS03

LED turn signals with 4-way flashers

Safety Features

360-026BSL02

Blue safety light on front cowl

360-026-AC

Pole mounted strobe light

Seats

360-049

Seat belts, retractable, two passengers

Wheels

MC480-WHEELS09

Solid softy rubber wheels

The list above shows the most popular options for this vehicle. More options are available. To learn more about the MC - 480 - 48V LD options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.



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