



VEHICLE OVERVIEW

MARTIN JOSE DEL CASTILLO S.
FEBRUARY 23, 2019

MT 210 MODEL 48V

A great alternative to conventional sit-down tow tractors

The multi-trailer hauling MT-210 is a highly maneuverable and operator-friendly stand-up tugger that's ideal for frequent step-in-and-out applications - thanks to a rear central driving position with easy step-on/step-off from both sides. It's also powerful, reliable and comfortable: standard features include a leaf springs rear suspension system, AC powertrain and an impressive 16,000-lb towing capacity. The 56-inch turning radius is the tightest in its category. The new generation MT-210 now also boasts Motrec's signature look.



Tow Tractors
Other Models : 36V

PASSENGERS
1

LOAD CAPACITY
300 lbs

TOWING CAPACITY
16,000 lbs

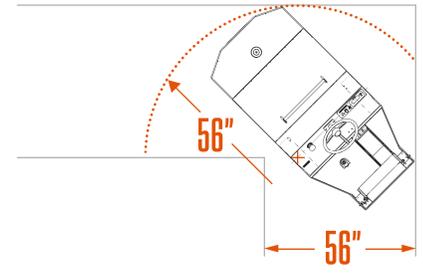
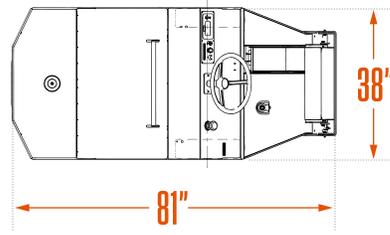
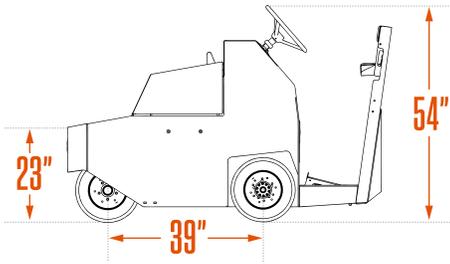
SPEED MPH
6 mph

TURNING RADIUS
56"



FEATURES

- Robust long-life industrial batteries
- Heavy-duty braking power
- Battery-saving efficient DC/DC converter
- Versatile, heavy-duty hitches
- Energy-saving regenerative braking



Dimensions

VEHICLE

| | | |
|------------------|-----|----------|
| Height | 54" | 1,372 mm |
| Length | 81" | 2,057 mm |
| Width | 38" | 965 mm |
| Wheel Base | 39" | 991 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 | n/a | n/a |
| Without Batteries | 1,500 lbs | 680 kg |

BATTERIES

| | | |
|--------------|-----------|--------|
| Height | 28" | 711 mm |
| Length | 35.8" | 908 mm |
| Width | 16.8" | 425 mm |
| Weight - Min | 1,300 lbs | 590 kg |
| Weight - Max | 1,600 lbs | 726 kg |

Performances

VEHICLE

| | | |
|-------------------------|------------|----------|
| Passengers | 1 | |
| Load Capacity | 300 lbs | 136 kg |
| Tow Capacity | 16,000 lbs | 7,257 kg |
| Drawbar Pull - Normal | 500 lbs | 2,224 N |
| Drawbar Pull - Ultimate | 1,450 lbs | 6,450 N |
| Speed MPH | 6 mph | 10 km/h |
| Turning Radius | 56" | 1,422 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 brushless AC motor |
| Controller | AC Electronic speed controller |
| Drive Axle | Helical gear differential |
| Brakes | Rear hydraulic drum brakes, regenerative braking |
| Wheels | Solid tires |
| Transmission | Direct Drive |
| Suspension | Leaf springs rear suspension system |
| 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 dual headlights & tail/brake lights, dual back-up lights |

OPERATOR COMPARTMENT

| | |
|-------------|--|
| Steering | Automotive steering wheel |
| Seats | Adjustable backrest |
| 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, emergency stop button, anti slip griptape |
| Accessories | 48V/12V converter for 12-volt accessories, backlit and sealed buttons |

Standards

n/a

POPULAR OPTIONS

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

Battery Compartments

210-003 Roll-out battery compartment

Hitches

448-056 Clevis type hitch with safety spring

Lights

TBD-07 Lightbar (Chrysler style with tail, stop & reverse lights)

Safety Features

210-026 Strobe light, amber

The list above shows the most popular options for this vehicle. More options are available. To learn more about the MT - 210 - 48V options, please contact your representative. Options, specifications and standard equipment are subject to change without notice.



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