



## MC 480 Electric Industrial Burden Carrier

**MC 480** MODEL  
**48V**

### 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.



 **PASSENGERS**  
**2**

 **LOAD CAPACITY**  
**3,000 lbs**

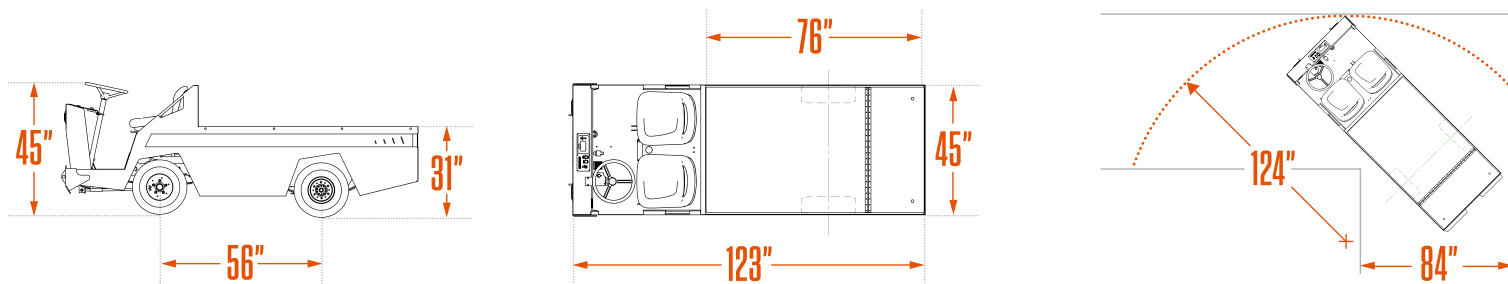
 **TOWING CAPACITY**  
**6,000 lbs**

 **SPEED MPH**  
**10 mph**

 **TURNING RADIUS**  
**124"**

#### 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\*



## Dimensions

### VEHICLE

|                  |      |          |
|------------------|------|----------|
| Height           | 45"  | 1,143 mm |
| Length           | 123" | 3,124 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 |

## Performances

### VEHICLE

|                         |           |          |
|-------------------------|-----------|----------|
| Passengers              | 2         |          |
| Load Capacity           | 3,000 lbs | 1,361 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          | 124"      | 3,150 mm |

*Vehicle shown may have optional accessories and is provided for illustrative purposes only. Specifications and standard equipment are subject to change without notice.*

## Standards

Conforms to requirements for type E, UL 583, ANSI B56.9



## 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-232AH 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  | n/a                                             |
| Lights | LED dual headlights & tail/brake 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                                                                                                         |

**ePowerTrucks** ( A Division of Lift Safe Ltd)

Unit 16 Hawksley Court, Hawksley Street Industrial Estate, Oldham, OL8 4PQ

0161 626 9628 | [www.ePowerTrucks.co.uk](http://www.ePowerTrucks.co.uk) | [info@ePowerTrucks.co.uk](mailto:info@ePowerTrucks.co.uk)