

**MODEL: MINUTE MISER**  
**TYPE: 3 WHEEL ELECTRIC POWERED TRUCK**



**HIGHLIGHTS**

**Cushman Towing BOC**

**Description:** The Cushman Minute Riser is a battery operated cart which is locally customized to a mobile towing cart. It improves process efficiency and reduce manpower by towing the large and heavy garbage bins around HDB estates, industrial parks and condominiums etc. The three-wheeler ensures short turning radius for maximum maneuverability. It is also constructed with powder coated durable steel for the yellow standard chassis.

**Features:** On-board charger with auto cut-off ensures easy charging without the need for external adaptor and minimize risk of overcharging. Safety beacon lights comes as standard.

Powered by 4x 6V Deep Cycle batteries, hence allowing enough power to climb up even challenging slopes.

Tow hook installed to fit most bin designs.

**PRODUCT SPECIFICATION**

**PRODUCT OVERVIEW**

**Dimensions**

Overall Length	85.0 in (216 cm)
Overall Width	30.0 in (76 cm)
Overall Height (Tiller)	39.0 in (99 cm)
Overall Height (Steering Whl)	46.0 in (117 cm)
Wheel Base	48.0 in (122 cm)
Front Wheel Track	N/A
Rear Wheel Track	25.5 in (65 cm)
Gnd Clearance @ Differential	4.0 in (10 cm)
Cargo Deck Width	23.0 in (58 cm)
Cargo Deck Length	29.0 in (73 cm)
Cargo Deck Depth	4.0 in (10 cm)
Cargo Deck Material	Plywood

**Performance**

Capacity	2 Persons (Seat Back Down)
Dry Weight	490.0 lb (225 kg) (Without Batteries)
Curb Weight	740.0 lb (335 kg)
Cargo Deck Load Capacity	300 lb (140 kg)
Vehicle load capacity	550 lb (250 kg)
Outside Clearance Circle	10.8 ft (3.3 m)
Intersecting Aisle Clearance	54.0 in (137 cm)
Speed (Level Ground)	10 mph ± 0.5 mph (14 kph ± 0.8 kph)

**Steering & Suspension**

Steering	Direct Handlebar to Front Fork
Front Suspension	Torque Block
Rear Suspension	Coil Springs & Single Shock Absorber
Service Brake	Rear Wheel Mechanical Drum
Parking Brake	Single Point Latch
Front Tire	4.80 x 8 (Load Range B)
Rear Tires	4.80 x 8 (Load Range B)

**Body & Chassis**

Frame & Body	Welded steel with DuraShield™ powder coat
Body & Finish	Diamond plate pattern. Polyester primer/Acrylic
Standard Color	Yellow

**Vehicle Power**

Power Source	24 Volts DC
Motor Type	Series Wound
Horsepower (kW)	1.5 hp (1.1kW) @ 2800 rpm
Electrical System	24 Volt
Batteries (Qty. Type)	Four, 6 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	24 VDC, 120 VAC On-Board. UL & CSA
Speed Controller	Solid State 250 Amp Rated
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with Helical Gears
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	14.78:1

