



CUSHMAN

MODEL: TUG
TYPE: ELECTRIC POWERED TRUCK
MODEL YEAR: 2011
Part No.: 898340



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Speed Control: Programmable Solid State 3500 amp controller. SRO Capable

- **Direction Selector:** Dash mounted (Forward-Neutral-Reverse)
- **Batteries:** Six, 6 Volt Deep Cycle
- **State of Charge Meter:** Dash Mounted

Battery Charger: 36 VDC On-Board. 25 Amps DC. Fully line compensating. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)

- **Input:** 110 – 120 Volt, 60 Hz, 8.5 amp
- **Output:** 36 VDC at 25 amps

Motor: 36 Volt DC series wound, brazed armature, solid copper armature. 3.0 hp (2.2 kW) @ 3000 rpm, 7.6 hp (5.7 kW) @ 800 rpm

Drive Train: Triple 'V' belt connected to differential pinion shaft

Electrical System: 36 VDC, six, 6 volt deep cycle batteries (105 minute minimum, 225 amp-hour @ 20 hr. discharge rate)

Rear axle: Differential with worm pinion gear

Brakes: All wheel hydraulic drum brakes. Hand operated mechanical park brake (rear wheels)

Convenience: Cargo area with plywood deck that raises without tools to provide access to powertrain

Seat with operator presence switch on adjustable track mounting

Steering: Handlebars with horn switch. Optional steering wheel available

Towing: Up to 5000 lb (2270 kg)

PRODUCT OVERVIEW

Dimensions

Overall Length	76.0 in (193 cm)
Overall Width	34.5 in (87.6 cm)
Overall Height	37.0 in (94 cm) (Top of handlebars)
Wheel Base	52.5 in (133.4 cm)
Front Wheel Track	N/A
Rear Wheel Track	29.7 in (75.4 cm)
Cargo Box Width (inside)	33.5 in (85 cm)
Cargo Box Length (inside)	21.0 in (53 cm)
Cargo Box Depth (inside)	1.75 in (4.4 cm)
Cargo Box material	Heavy Duty Plywood

Vehicle Power

Power Source	36 Volts DC
Motor Type	Series wound
Horsepower (kW)	3 hp (2.2 kW) @ 3000 rpm
Electrical System	36 Volt
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle
Key or Pedal Start	Pedal
Battery Charger	36 VDC On-board
Speed Controller	350 amp rated. Programmable. SRO capable
Drive Train	Triple 'V' belt
Differential	Worm gear driven
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	15.67:1

Performance

Seating Capacity	1 Person
Dry Weight	515 lb (235 kg)
Curb Weight	950 lb (430 kg) with T 105 batteries
Vehicle load capacity	450 lb (200 kg) includes 200 lb (90 kg) operator
Inside Clearance Circle (handlebar)	Turnabout rear wheel
Inside Clearance Circle (steering wheel)	40 in (102 cm)
Outside Clearance Circle (handlebar)	9 ft (2.8 m)
Outside Clearance Circle (steering wheel)	12.5 ft (3.8 m)
Intersecting Aisle Clearance	55 in (140 cm) minimum
Speed (Level Ground)	Up to 7.8 mph (12.6 kmh)
Towing Capacity	Up to 5000 lb (2275 kg)

Steering & Suspension

Steering	Handlebar. Optional steering wheel
Front Suspension	Coil springs
Rear Suspension	Coil springs with hydraulic shock absorber
Service Brake	3 wheel hydraulic drum
Parking Brake	Hand lever, mechanical rear brakes
Front & Rear Tires	USA Trail 4.80 x 8 (Load range B) Industrial

Body & Chassis

Frame	Welded Steel with DuraShield™ powder coat
Body & Finish	1 piece, 4-way embossed diamond pattern
Standard Color	Yellow

Some items shown may be optional equipment

