

MODEL: TUG
TYPE: ELECTRIC POWERED TRUCK
MODEL YEAR: 2010
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)
- Rearaxle:** 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		Performance	
Overall Length	76.0 in (193 cm)	Seating Capacity	1 Person
Overall Width	34.5 in (87.6 cm)	Dry Weight	515 lb (235 kg)
Overall Height	37.0 in (94 cm) (Top of handlebars)	Curb Weight	950 lb (430 kg) with T 105 batteries
Wheel Base	52.5 in (133.4 cm)	Vehicle load capacity	450 lb (200 kg) includes 200 lb (90 kg) operator
Front Wheel Track	N/A	Inside Clearance Circle (handlebar)	Turnabout rear wheel
Rear Wheel Track	29.7 in (75.4 cm)	Inside Clearance Circle (steering wheel)	40 in (102 cm)
Cargo Box Width (inside)	33.5 in (85 cm)	Outside Clearance Circle (handlebar)	9 ft (2.8 m)
Cargo Box Length (inside)	21.0 in (53 cm)	Outside Clearance Circle (steering wheel)	12.5 ft (3.8 m)
Cargo Box Depth (inside)	1.75 in (4.4 cm)	Intersecting Aisle Clearance	55 in (140 cm) minimum
Cargo Box material	Heavy Duty Plywood	Speed (Level Ground)	Up to 7.8 mph (12.6 kmh)
Vehicle Power		Towing Capacity	Up to 5000 lb (2275 kg)
Power Source	36 Volts DC	Steering & Suspension	
Motor Type	Series wound	Steering	Handlebar. Optional steering wheel
Horsepower (kW)	3 hp (2.2 kW) @ 3000 rpm	Front Suspension	Coil springs
Electrical System	36 Volt	Rear Suspension	Coil springs with hydraulic shock absorber
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle	Service Brake	3 wheel hydraulic drum
Key or Pedal Start	Pedal	Parking Brake	Hand lever, mechanical rear brakes
Battery Charger	36 VDC On-board	Front & Rear Tires	USA Trail 4.80 x 8 (Load range B) Industrial
Speed Controller	350 amp rated. Programmable. SRO capable	Body & Chassis	
Drive Train	Triple 'V' belt	Frame	Welded Steel with DuraShield™ powder coat
Differential	Worm gear driven	Body & Finish	1 piece, 4-way embossed diamond pattern
Gear Selection	Dash Mounted Forward-Neutral-Reverse	Standard Color	Yellow
Rear Axle Ratio	15.67:1		

Some items shown may be optional equipment

OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:							
USA Trail 4.80 x 8 (Load range B) Industrial	●						
USA Trail 4.80 x 8 (Load range B) Industrial (Foam filled)		●					
4.0 x 8.0 Solid Non-marking Tires		●					
FRAME MATERIAL(S):							
Powder Coated Steel Frame	●						
Galvanized Steel Frame		●					
BODY COLOR(S):							
Yellow	●						
Special Order Custom Color		●					
SEAT COLOR(S):							
Gray	●						
STEERING:							
Handlebar Steering	●						
Steering Wheel		●					
ELECTRICAL:							
Battery Chargers:							
Battery Chgr 36 VDC 115 VAC 25 Amp 60 Hz (On Board)	●						
Battery Charger 36 VDC 115 VAC 40 Amp (Portable)		●					
Battery Charger 36 VDC 115 VAC 40 Amp (On-Board)		●					
No Battery Charger		●					
Batteries:							
217 Amp Trojan T-105	●						
244 Amp Trojan T-145		●					
Lighting							
Brake Light	●						
Headlight		●					
Miscellaneous:							
Horn	●						
State of Charge Meter	●						
Hour Meter		●					
Lift Out Battery Rack			●				
CERTIFICATION(S)							
Underwriters Laboratories (UL) Type 'E' Certification	●						
Underwriters Laboratories (UL) Type 'EE' Certification		●					
TOWING							
Pintle Hitch Installation			●				
United Parcel Service (UPS) Clevis Hitch			●				