



**CUSHMAN**

**MODEL: HAULER 800**  
**TYPE: ELECTRIC 48V POWERED TRUCK**  
**MODEL YEAR: 2012**  
**Part No.: 618840**



**PRODUCT SPECIFICATION**

**CONFIGURATION HIGHLIGHTS**

**TrueCourse Technology:** Programmable to any golf course terrain, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Programmable regenerative braking, acceleration and speed
- Six, 8 Volt Deep Cycle Batteries
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Handheld vehicle diagnostics and rounds tracking

**Battery Charger:** PowerWise 48QE high frequency, fully line compensating. 10ft (3m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- Input: 120 Volts AC, 50/60Hz, 8 amps
- Output: 48 Volts DC at 13 amps

**Motor:** 48 Volt DC shunt wound, brazed armature, solid copper windings

**Drive Train:** Direct motor shaft connected to transaxle pinion shaft

**Electrical System:** 48 Volt DC, six, 8 volt deep cycle batteries (117 minute minimum, 170 amp-hour @ 20 hr. discharge rate)

**Transaxle:** Differential with helical gears

**Brakes:** Dual rear wheel mechanical self-adjusting drum brakes. Automatic single point park brake release with self-compensating system

**Cargo Bed:** Roto-molded cross-linked polyethylene. Lifts for access to powertrain. Removable hinged multi-position tailgate requires no latch mechanism

**PRODUCT OVERVIEW**

Dimensions	
Overall Length	107 in (272 cm)
Overall Width	49.5 in (128 cm)
Overall Height (No Canopy)	46.5 in (118 cm) (Top of steering wheel)
Overall Height (With Canopy)	70.0 in (178 cm)
Wheel Base	65.5 in (166 cm)
Front Wheel Track	37.0 in (94 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.3 in (11 cm)
Cargo Box Width (inside)	44.5 in (113 cm)
Cargo Box Length (inside)	30.5 in (77 cm)
Cargo Box Depth (inside)	7.5 in (19 cm)
Cargo Box Capacity	5.9 cu ft (0.17 m3)
Cargo Box material	Roto-molded polyethylene

Vehicle Power	
Power Source	48 Volts DC
Motor Type	Shunt Wound
Horsepower (kW)	3.0 HP (2.2kW) Continuous
Electrical System	48 Volt
Batteries (Qty, Type)	Six, 8 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	48 VDC PowerWise™ QE, 120 VAC, UL/CSA
Speed Controller	250 Amp Solid State Controller
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with helical gears

Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	12.44:1

Performance	
Seating Capacity	2 Person
Dry Weight	747 lb (339 kg) (Without Batteries)
Curb Weight	1,112 lb (504 kg)
Bed Load Capacity	500 lb (230 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	18.9 ft (5.76 m)
Intersecting Aisle Clearanc	N/A
Speed (Level Ground)	10.2-14.8 mph (16.4-23.8 kph)
Towing Capacity	475 lb (215 kg) max load

Steering & Suspension	
Steering	Self-compensating rack and pinion
Front Suspension	Leaf springs with hydraulic shock absorbers
Rear Suspension	Leaf springs with hydraulic shock absorbers
Service Brake	Rear wheel mechanical self-adjusting drum
Parking Brake	Self-compensating, single point engagement
Front Tires	Links 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Turf Saver 18 x 8.50 - 8 (Load Range B)

Body & Chassis	
Frame	Welded steel with DuraShield™ powder coat
Front Body & Finish	Injection molded TPO
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Hunter Green



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**OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)\***

Item	Std	Opt	Fld	Item	Std	Opt	Fld
<b>TIRES &amp; WHEELS:</b>				<b>Miscellaneous:</b>			
<b>Front:</b>				DC Converter			
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Horn	●		
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Hour Meter		●	
Turf Saver 18 x 8.50 - 8 (Load Range B)		●		State of Charge Meter	●		
<b>Rear:</b>				Unique Individual Key Switch			
Turf Saver 18 x 8.50 - 8 (Load Range B)	●			Canopy Handle			●
USA Trail 18 x 8.50 - 8 (Load Range C)		●		<b>HAULING &amp; TOWING:</b>			
Links 18 x 8.50 - 8 (4 Ply Rated)		●		1 7/8 in (48 mm) Ball (Rcvr Req'd)		●	
<b>Wheel Covers:</b>				1 7/8 in (48 mm) Ball, Drop (Rcvr Req'd)			
Spoke, Black & Gold		●		2 in (5 cm) Receiver (Rear)		●	
Spoke, Black & Silver		●		Angle (Rcvr Req'd)		●	
<b>COLORS:</b>				Angle, Drop (Rcvr Req'd)			
Body Color - Hunter Green	●			Clevis (Rcvr Req'd)		●	
Body Color - Ivory		●		Clevis, Drop (Rcvr Req'd)		●	
Body Color - Bright White		●		Gas Spring Assisted Load Bed		●	
Body Color - Yellow		●		Power Dump (Electric)		●	
Body Color - Orange		●		Trailer, Dump (Poly Bed)			●
<b>Seating:</b>				Trailer, Dump (Steel Bed)			
Seat Color - Grey	●			<b>WEATHER PROTECTION:</b>			
Seat Color - Oyster		●		Sun Canopy (Top) Black			●
Seat Color - White		●		Windshield Fold Down			●
Custom Seat Color		●		Weather Enclosure, (3 Side, Top & Windshield Req'd)			●
<b>OTHER PERFORMANCE:</b>				Windshield Flat			
Ash Tray		●		<b>TRANSAXLE:</b>			
Differential Guard		●		Limited Slip Differential			
Front Bumper & Fascia - Black	●			<b>VEHICLE CAB:</b>			
Front Hydraulic Disc Brakes		●		Steel Cab without doors (Tan):			
Glove Box Door (Locking) Driver Side		●		Steel Cab without doors (White):			
Glove Box Door (Locking) Passenger Side		●		Steel Cab without doors (Custom Color):			
VPS vehicle Performance System		●		Vinyl Door Set			
Fender Flares (International)		●		Beacon, Amber (Cab Required)			
<b>ELECTRICAL:</b>				Defroster/Fan (Cab Required)			
<b>Battery Chargers:</b>				Dome Light (Cab Required)			
Powerwise QE 48V 10 ft (3.0 m) DC Cord	●			Doors (Steel) Tan (Cab Required)			
Powerwise QE 48V 18 ft (5.5 m) DC Cord		●		Doors (Steel) White (Cab Required)			
World Charger QE 48V 10 ft (3.0 m) DC Cord		●		Doors (Steel) Custom Color (Cab Required)			
World Charger QE 48V 18 ft (5.5 m) DC Cord		●		Doors (Vinyl) Tan (Cab Required)			
<b>Battery Options</b>				Mirrors (Cab Required)			
Heavy Duty Battery Option - T890		●		Strobe Light (Cab Required)			
Battery Fill System - T875		●		Switch Panel (Cab Required)			
Battery Fill System Nozzle, 20' Hose		●		Windshield Wiper (Cab Required)			
<b>Lighting Package:</b>				Work Light (Cab Required)			
Headlights	●						
Headlights & Taillights		●					
Turn Signals with 4-Way Flashers		●					