



CUSHMAN

MODEL: HAULER 800
TYPE: ELECTRIC 48V POWERED TRUCK
MODEL YEAR: 2014
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:** 48 Volt DC 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 (110 minute minimum, 160 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	
Motor Type	48 VDC, 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 Volt DC, 120 VAC input, UL/CSA
Speed Controller	250 Amp Solid State Controller
Drive Train	Motor Shaft Direct Drive
Transaxle and Ratio	Differential with helical gears, 12.44:1 Ratio
Gear Selection	Forward-Neutral-Reverse Dash Mounted Switch

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 (226 kg)
Vehicle load capacity	800 lb (360 kg)
Outside Clearance Circle	18.9 ft (5.76 m)
Intersecting Aisle Clearance	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, Painted
Rear Body & Finish	Steel. Polyester Powder coat
Standard Color	Forest Green

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
TIRES & WHEELS:			
Front:			
Links 18 x 8.50 - 8 (4 Ply Rated)	X		
USA Trail 18 x 8.50 - 8 (Load Range C)		X	
Turf Saver 18 x 8.50 - 8 (Load Range B)		X	

Rear:			
Turf Saver 18 x 8.50 - 8 (Load Range B)	X		
USA Trail 18 x 8.50 - 8 (Load Range C)		X	
Links 18 x 8.50 - 8 (4 Ply Rated)		X	

Wheel Covers:			
Spoke, Black & Gold		X	
Spoke, Black & Silver		X	

COLORS:			
Body Color - Forest Green	X		
Body Color - Ivory		X	
Body Color - Bright White		X	
Body Color - Patriot Blue		X	
Body Color - Orange		X	

Seating:			
Seat Color - Grey	X		
Seat Color - Oyster		X	
Seat Color - White		X	

OTHER PERFORMANCE:			
Front Bumper & Fascia - Black	X		
Ash Tray		X	
Differential Guard		X	
Front Hydraulic Disc Brakes		X	
Glove Box Door (Locking) Driver Side		X	
Glove Box Door (Locking) Passenger Side		X	
VPS vehicle Performance System		X	
Fender Flares (International)		X	

ELECTRICAL:			
Battery Chargers and Batteries:			
48VDC 10 ft (3.0 m) DC Cord	X		
48VDC 18 ft (5.5 m) DC Cord		X	
World Charger 48VDC 10 ft (3.0 m) DC Cord		X	
World Charger 48VDC 18 ft (5.5 m) DC Cord		X	
T8V Battery	X		
T8V Battery w/Battery Fill System		X	
T890 Battery (HD)		X	
T890 Battery (HD) w/Battery Fill System		X	

Lighting Package:			
Headlights	X		
Headlights & Taillights		X	
Turn Signals with 4-Way Flashers		X	

Item	Std	Opt	Fld
Electrical Other			
DC Converter	X		
Horn	X		
State of Charge Meter	X		
Hour Meter		X	
Unique Individual Key Switch		X	

HAULING & TOWING:			
36" Poly Bed w/Manual Dump	X		
36" Poly Bed w/Elec Dump		X	
2 in (5 cm) Receiver (Rear)		X	
1 7/8 in (48 mm) Ball (Rcvr Reqd)		X	
1 7/8 in (48 mm) Ball, Drop (Rcvr Reqd)		X	
Angle (Rcvr Reqd)		X	
Angle, Drop (Rcvr Reqd)		X	
Clevis (Rcvr Reqd)		X	
Clevis, Drop (Rcvr Reqd)		X	

TRANSAXLE:			
Limited Slip Differential		X	

WEATHER PROTECTION:			
Sun Canopy (Top) Black			X
Windshield Fold Down			X
Weather Enclosure, (3 Side, Top & Windshield Req'd)			X
Windshield Flat			X

VEHICLE CAB:			
Steel Cab without doors (Tan):			X
Steel Cab without doors (White):			X
Doors (Steel) Tan (Cab Required)			X
Doors (Steel) White (Cab Required)			X
Defroster/Cooling Fab			X
Beacon, Amber (Cab Required)			X
Defroster/Fan (Cab Required)			X
Canopy Grab Handle			X
Doors (Vinyl), Tan (Cab Required)			X
Doors (Vinyl), White (Cab Required)			X
Strobe Light (Cab Required)			X
Switch Panel & Fuse kit (Cab Required)			X
Windshield Wiper (Cab Required)			X
Work Light (Cab Required)			X