



CUSHMAN

MODEL: HAULER PRO X
TYPE: ELECTRIC 72V POWERED TRUCK
MODEL YEAR: 2017

Part No: 651398



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

- Solid State continuously variable AC speed controller
- Seatwrap mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Anti-stall motor protection
- Regenerative 'Pedal Down' and/or 'Pedal Up' braking
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Diagnostic indicator
- Factory programmable to application

Battery Charger: 900 Watt, 72 VDC, 120/230 VAC 50/60 Hz. Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)
Motor: 72 Volt AC Induction, solid copper windings. Non vented 22.4 hp (16.7 kW) Peak.
Drive Train: Direct motor shaft connected to transaxle pinion shaft
Electrical System: 72 Volt DC, nine, 8 volt deep cycle storage batteries (78 minutes @ 75 Amps, 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 with cam over latch mechanism.

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	119.0 in (302.26 cm)	Seating Capacity	2 Person
Overall Width	49.4 in (125.48 cm)	Dry Weight	948 lb (429.91 kg) (Without Batteries)
Overall Height (No Canopy)	53.0 in (134.62 cm)	Curb Weight	1513 lb (686.29 kg)
Overall Height (With Canopy)	77.0 in (195.58 cm)	Bed Load Capacity	500 lb (226.80 kg)
Wheel Base	77.5 in (196.85 cm)	Vehicle Load Capacity	900 lb (408.23 kg)
Front Wheel Track	38.0 in (96.56 cm)	Outside Clearance Circle	23.5 ft (7.16 m)
Rear Wheel Track	38.5 in (97.79 cm)	Intersecting Aisle Clearance	N/A
Ground Clearance (at Differential)	7.2 in (18.29 cm)	Speed (Level Ground)	16.5 mph ± 0.5 mph (26.55 kph ± 0.80 kph)
Cargo Box Width (inside)	44.0 in (111.76 cm)	Maximum Drawbar	930 lb (4137 N)
Cargo Box Length (inside)	39.0 in (99.06 cm)	Towing Capacity	1200 lb (544.31 kg) max load
Cargo Box Depth (inside)	12.0 in (30.48 cm)	Steering & Suspension	
Cargo Box Capacity	12 cu ft (0.34 cu m)	Steering	Self-compensating rack and pinion
Cargo Box material	Roto-Molded Polyethylene	Front Suspension	Leaf springs with hydraulic shock absorbers
Vehicle Power		Rear Suspension	Leaf springs with hydraulic shock absorbers
Power Source	72 Volts DC	Service Brake	Rear wheel mechanical self-adjusting drum
Motor Type	AC Induction	Parking Brake	Self-compensating, single point engagement
Horsepower (kW)	22.4 hp (16.7 kW) Peak	Front & Rear Tires	K500 20 x 8 - 10 (6 Ply), Black Wheel
Electrical System	72 Volt	Body & Chassis	
Batteries (Qty, Type)	Nine, 8 Volt Deep Cycle	Frame	Welded steel. DuraShield™ powder coat
Key or Pedal Start	Pedal Start	Front Body & Finish	Injection Molded TPO
Battery Charger	900 Watt, 72VDC	Standard Color	Forest Green
Speed Controller	350 Amp AC	Noise & Vibration	
Drive Train	Motor Shaft Direct Drive	Noise	Sound pressure: continued A-weighted ≤ 70 db(A)
Transaxle	Differential with helical gears	Vibration, WBV	Highest RMS value of weighted acceleration is less than 2.5 m/s
Gear Selection	Forward-Neutral-Reverse	Vibration, HAV	Highest RMS value of weighted acceleration is less than 2.5 m/s
Rear Axle Ratio	17:1		The uncertainty of measurement is 0.12 m/s

Measurement methods were applied per the ISO 2631 and ISO 5349 standards under conditions of typical vehicle surfaces.

Some items shown may be optional equipment



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
IMPROVED SURFACE TIRES:			
Loadstar 20.5 x 8 - 10 (6 Ply), Black Wheel		X	
TURF TIRES:			
K500 20 x 8 - 10 (6 Ply), Black Wheel	X		
ALL TERRAIN TIRES:			
Terra Trac 22 x 11 - 10 (6 Ply), Alloy Wheel		X	
Terra Trac 23 x 10.5 - 12 (6 Ply), Polished Spoke Wheel		X	
Backlash X 23 x 10.5 - 12 (6 Ply), Black Wheel		X	
WHEEL COVERS:			
10" Silver Wheelcover (Set of 4)		X	
BODY COLORS:			
Forest Green	X		
Patriot Blue, Ivory, Bright White, Flame Red & Black		X	
Almond, Matte Black, Safety Yellow & Metallic Charcoal		X	
SIDE DECAL COLORS:			
Matte Black	X		
Forest Green, Patriot Blue, Ivory, Bright White, Flame Red & Black		X	
		X	
SEAT COLORS:			
Gray	X		
Stone Beige, Black & Oyster		X	
VEHICLE ENHANCEMENTS:			
2 Wheel Mechanical Brakes	X		
Differential (Scuff) Guard		X	
Limited Slip Differential		X	
Fender Flare - Large	X		
Frame - E-Shield Enhanced Coating		X	
Brush Guard		X	
Comfort Grip Steering Wheel		X	
Scorecard Holder		X	
ELECTRICAL:			
Charger, 72 VDC, On Board	X		
Charger Cord - 5M (16ft) NA for On Board Charger	X		
DC Converter (20 amp)	X		
Charger, 72 VDC, On Board CE		X	
Off-Board, High Capacity 1500 Watt Charger		X	
T875 Batteries	X		
T890 Batteries		X	
Battery Fill System		X	
Hose - 20 ft Regulated		X	
Hand Pump		X	
Headlights	X		
LED Headlights		X	
Taillights		X	
Brake Lights		X	
State of Charge Meter	X		
Hour Meter		X	

Item	Std	Opt	Fld
12 Volt Outlet		X	
USB Outlet		X	
Unique Key Switch		X	
STORAGE, HAULING & TOWING:			
Glove Box Locking Door		X	
Glove Box Shelf		X	
Plastic Bed Box	X		
Aluminum Flat Bed		X	
Aluminum Bed Box		X	
Electric Dump		X	
Rear Receiver 2 in (5 cm)	X		
Ball Hitch 1 7/8 in (48 mm)		X	
Angle Hitch		X	
Clevis Hitch		X	
Drop Clevis Hitch		X	
Drop Angle Hitch		X	
Drop Ball Hitch 1 7/8 in (48 mm)		X	
PLASTIC BED ACCESSORIES:			
Bed Net (Pocket)			X
D-Ring Tie Down Qty 4			X
Tailgate Long Handled Tool Holder			X
Bed Divider			X
ALUMINUM BED ACCESSORIES:			
D-Ring Tie Down Qty 4			X
Elevated Long Handled Tool Holder			X
Bed Divider			X
Bed Cage/Hoop Rack			X
Ladder Rack & Hook Kit			X
Cross Bar Kit			X
Flexible Tool Clamp Kit (2 small & 2 large)			X
WEATHER PROTECTION, ENCLOSURES & CABS:			
Canopy - Black, Tan & Champagne Beige			X
Windshield Flat			X
Windshield Fold Down			X
Enclosure Colors - Black, White & Tan			X
Cab Kit - ROPS Certified			X
Ball Cage Kit - ROPS Certified			X
Cab Strobe Light			X
Cab Work Light			X
OTHER ENHANCEMENTS:			
Canopy Storage Net			X
Mirror - Canopy Mounted			X
Mirror - 5 Panel			X
Front Basket Kit			X
Gun Mount - Floor Kit			X
Clays Car Kit			X

