



CUSHMAN

MODEL: TITAN HD (2 PASSENGER)
TYPE: 36 VOLT ELECTRIC POWERED
MODEL YEAR: 2015
Part No: 633097



PRODUCT SPECIFICATION
CONFIGURATION HIGHLIGHTS

- Battery Charger:** On-board, fully line compensating. Underwriters Laboratories. (U.L.) Listed, (C.S.A. Certified)
 - Input: 110 – 120 Volt, 60 Hz, 10.5 amp
 - Output: 36 VDC at 21 amps. 10.5 amp @ 120 VAC
- Speed Control:** Programmable Solid State Speed Controller
- Motor:** 36 Volt DC series wound, brazed armature, solid copper windings. Vented 8 hp (6 kW) @ 1600 rpm
- Drive Train:** Direct motor shaft connected to transaxle pinion shaft
- Electrical System:** 36 Volt DC, six, 6 volt deep cycle batteries (225 amp-hour @ 20 hr. discharge rate) in swing out battery trays
- Transaxle:** Differential with helical gears
- Brakes:** Dual rear wheel hydraulic 7 in (18 cm) self-adjusting drum brakes. Front hydraulic brakes optional. Mechanical hand operated park brake
- Cargo Bed:** Plywood 75 in x 41 in (191 x 105 cm). Lifts for access to powertrain.
- Capacity:** Seating for 2 persons

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	114.0 in (290 cm)	Capacity	2 Persons
Overall Width	44.5 in (113 cm)	Dry Weight	1040.0 lb (472 kg) (Without Batteries)
Overall Height (Steering Whl)	47.0 in (119 cm)	Curb Weight	1410.0 lb (640 kg)
Overall Height (Optional Cab)	72.0 in (183 cm)	Cargo Deck Load Capacity	2200 lb (1000 kg)
Wheel Base	67.0 in (170 cm)	Vehicle load capacity	2500 lb (1134 kg)
Front Wheel Track	38 in (96 cm)	Outside Clearance Circle	22.0 ft (6.7 m)
Rear Wheel Track	37 in (94 cm)	Intersecting Aisle Clearance	84.0 in (213 cm)
Gnd Clearance @ Differential	4.75 in (12 cm)	Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
Cargo Deck Width	41.5 in (105 cm)	Steering & Suspension	
Cargo Deck Length	75.0 in (191 cm)	Steering	Rack and Pinion
Cargo Deck Load Height	29.0 in (74 cm)	Front Suspension	Independent, Transverse Leaf Spring, Shocks
Cargo Deck Material	Heavy Duty Plywood	Rear Suspension	Leaf Springs & Shock Absorbers
Vehicle Power		Service Brake	Rear Wheel Hydraulic Drum. Front Optional
Power Source	36 Volts DC	Parking Brake	Hand Operated Mechanical
Motor Type	Series Wound	Front Tire	5.70 x 8 (Load Range C)
Horsepower (kW)	8.0 hp (6 kW) @ 1600 rpm	Rear Tires	5.70 x 8 (Load Range C)
Electrical System	36 Volt	Body & Chassis	
Batteries (Qty, Type)	Six, 6 Volt Deep Cycle, Swing Out Batteries	Frame & Body	Welded steel with DuraShield™ powder coat
Key or Pedal Start	Pedal Start	Body & Finish	Diamond plate ptn. Polyester primer + acrylic
Battery Charger	36 V On-Board, 120 VAC, UL & CSA	Standard Color	Yellow
Speed Controller	Solid State 400 Amp Rated		
Drive Train	Motor Shaft Direct Drive		
Transaxle	Differential with Helical Gears		
Gear Selection	Dash Mounted Forward-Neutral-Reverse		
Rear Axle Ratio	14.76:1		

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 & Rear:			
5.70 x 8 (Load Range C)	X		
5.70 x 8 (Load Range B) Foam Filled		X	

COLORS:

Vehicle Color - Yellow	X		
Vehicle Color - Hunter Green		X	
Vehicle Color - White		X	
Vehicle Color - Red		X	
Vehicle Color - Orange		X	
Custom Vehicle Color (upon request)		X	

OTHER PERFORMANCE:

Rear Hydraulic Brakes	X		
Front & Rear Hydraulic Brakes		X	
Bumper (Front)		X	
Bumper (Rear)		X	
Cargo Deck (Steel)		X	
Differential Scuff Guard		X	
Hitch, Clevis (Requires Rear Bumper)		X	
Hitch, Pintle (Requires Rear Bumper)		X	
Box Sides & Tailgate (color specific)		X	
Drop Rails			X

Item	Std	Opt	Fld
ELECTRICAL:			
Battery Chargers:			
36 Volt On-Board, 120 VAC, UL & CSA	X		
36 Volt Portable, 3m cord, 120 VAC		X	
36 Volt Portable, 5m cord, 120 VAC		X	

Batteries

T-105 Battery Set	X		
T-145 HD Battery Set		X	

Lighting Package:

Brake Lights	X		
Headlights		X	
Headlights & Turn Signals		X	

Other Electrical

Horn	X		
Hour Meter	X		
State of Charge Meter	X		
Type 'E' Classification	X		
DC-DC Converter	X		
Forward Motion Indicator		X	

Weather Protection:

Cab with Doors			X
Cab without Doors			X
Sun Canopy (Top) Short			X
Sun Canopy (Top) Long			X
Weather Protection Enclosure (Lg Top & Windshld Req'd)			X
Box Sides & Tailgate (matching body color)			X
Windshield (Requires Long Sun Canopy)			X