



CUSHMAN



MODEL: TITAN XD (2 PASSENGER)
TYPE: ELECTRIC 48 VOLT INDUSTRIAL BURDEN CARRIER
MODEL YEAR: 2019
Part No.: 671548

PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

- Solid state continuously variable AC speed controller for increased efficiency
- Four wheel hydraulic brakes with Intellibrake
- Dash mounted multi-function display for SOC, speed, and hour meter
- Swing out battery tray for easy battery watering and maintenance
- 21.4 ft² of weather proof cargo deck, easily removable for service
- E and EE type rating available

Battery Charger: 1000 Watt, 48VDC, 120/240 VAC 60/50 Hz. UL Listed
Motor: 48 Volt AC induction, solid copper windings. Non vented 16.8 hp (12.5 kW) (Peak)
Drive Train: Direct motor shaft connected to transaxle pinion shaft
Electrical System: 48 Volt DC, eight, 6 volt deep cycle batteries (115 minute minimum @ 75 amps, 225 amp-hour @ 20 hr. discharge rate) i
Transaxle: Differential with helical gears
Brakes: Front hydraulic disc brakes. Rear wheel hydraulic 160mm self-adjusting drum brakes. Intellibrake automatic parking brake
Cargo Bed: Weather proof deck board, 75 in x 41 in (191 x 105 cm). Removable for access to powertrain.
Capacity: Seating for 2 persons, 3000 pound load capacity

PRODUCT OVERVIEW

Dimensions		Performance	
Overall Length	114.0 in (290 cm)	Capacity	2 Persons
Overall Width	44.5 in (113 cm)	Dry Weight	1260 lb (572 kg) (Without Batteries)
Overall Height (Steering Wheel)	47.5 in (120.6 cm)	Curb Weight	1756 lb (796 kg)
Overall Height (Optional Cab)	72.0 in (183 cm)	Cargo Deck Load Capacity	2600 lb (1179 kg)
Wheel Base	67.0 in (170 cm)	Vehicle load capacity	3000 lb (1361 kg)
Front Wheel Track	38.0 in (96.5 cm)	Outside Clearance Circle	21.25 ft (6.47 m)
Rear Wheel Track	38.0 in (96.5 cm)	Intersecting Aisle Clearance	84.0 in (213 cm)
Gnd Clearance @ Differential	4.75 in (12.1 cm)	Speed (Level Ground)	Haul Mode: 14 mph ±.5 (21 kph ± 0.8) Tow Mode: 5 mph ± .5 (8.1 kph ± .8)
Cargo Deck Width	41.5 in (105 cm)	Drawbar	211 lb (96 kg) Normal, 1015 lb (460 kg) Max
Cargo Deck Length	75.0 in (191 cm)	Towing Capacity*	8000 lb (3628 kg)
Cargo Deck Load Height	29.0 in (74 cm)	Steering & Suspension	
Cargo Deck Material	Weather proof deck board	Steering	Rack and Pinion
Vehicle Power		Front Suspension	Independent, Transverse Leaf Spring, Shocks
Power Source	48 Volts DC	Rear Suspension	Leaf Springs & Shock Absorbers
Motor Type	AC Induction	Service Brake	Front Hydraulic Disc, Rear Hydraulic Drum
Horsepower (kW)	16.8 HP (12.5 kW) (Peak)	Parking Brake	Intellibrake Automatic Parking Brake
Electrical System	48 Volt	Front Tire	5.70 x 8 (Load Range C)
Batteries (Qty, Type)	Eight, 6 Volt Deep Cycle, Swing Out Battery Tray	Rear Tires	5.70 x 8 (Load Range C)
Key or Pedal Start	Pedal Start	Body & Chassis	
Battery Charger	48V On-Board, 120/240 VAC UL	Frame & Body	Welded steel with DuraShield™ powder coat
Speed Controller	450 Amp AC	Body & Finish	Diamond plate ptn. Polyester primer + acrylic
Drive Train	Motor Shaft Direct Drive	Standard Color	Yellow
Transaxle	Differential with Helical Gears	Noise & Vibration	
Gear Selection	Dash Mounted Forward-Neutral-Reverse	Noise	Sound pressure; continued A-weighted =< 70 db(A)
Rear Axle Ratio	17:1	Vibration, WBV	Highest RMS value of weighted acceleration is less than 2.5 m/s ²
		Vibration, HAV	Highest RMS value of weighted acceleration is less than 2.5 m/s ² Measurement methods were applied per the ISO 2631 and ISO 5349 standards under conditons of typical vehicle surfaces.



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OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:				ELECTRICAL:			
Front & Rear:				Batteries			
5.70 x 8 (Load Range C)	●			T-105 Batteries	●		
5.70 x 8 Solid		●		T-145 Batteries		●	
5.70 x 8 Non-Marking Solid		●		Battery Fill System		●	
COLORS:				Battery Chargers			
Vehicle Color - Safety Yellow	●			48V On-Board, 1000 Watt	●		
Vehicle Color - Hunter Green		●		48V On Board, 1500 Watt		●	
Vehicle Color - Artic White		●		NEMA 5-15P Cord	●		
Vehicle Color - Flame Red		●		NEMA 6-15P Cord		●	
Custom Vehicle Color		●		Lighting Package:			
WEATHER PROTECTION				LED Brake Lights/Tail Lights	●		
Sun Canopy - Short			●	Headlights	●		
Sun Canopy - Long			●	LED Headlights		●	
Windshield (Requires Long Sun Canopy)			●	Turn Signals		●	
Windshield, Fold Down (Requires Short Sun Canopy)			●	Miscellaneous:			
Weather Protection Enclosure (Lg Top & Windshld Req'd)			●	Hour Meter	●		
Black Cab with Clear Doors			●	Operator Presence Switch	●		
CARGO AREA				State of Charge Meter	●		
Box Sides & Tailgate			●	USB Outlet	●		
Cargo Deck (Steel)		●		Forward Motion Indicator		●	
GUARDS AND TOWING				Type 'E' Classification		●	
Bumper - Front		●		Type 'EE' Classification		●	
Bumper - Rear		●		CE Certification		●	
Hitch, Pintle (Requires Rear Bumper)		●		Deck and Swing Out Battery Tray Locks		●	
Hitch, Clevis (Requires Rear Bumper)		●		Hand Brake		●	