



CUSHMAN

MODEL: TITAN (4 PASSENGER)
TYPE: 48 VOLT ELECTRIC POWERED
PERSONNEL CARRIER
MODEL YEAR: 2011
Part No.: 609634G01



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Battery Charger: On-board, Delta Q. Underwriters Laboratories. (U.L.) Listed, (C.S.A. Certified)
● Input: 100 – 240 Volt, 50/60 Hz, 10/5 amp ● Output: 48 VDC at 18 amp. 14.5 amp @ 100 VAC

Motor: 48 Volt DC shunt wound, brazed armature, solid copper windings. Non-vented 15.2 hp (11.3 kW) @ 1600 rpm (1 hour)

Drive Tr Direct motor shaft connected to transaxle pinion shaft

Electric: 48 Volt DC, eight, 6 volt deep cycle batteries (115 minute minimum, 225 amp-hour @ 20 hr. discharge rate) in two swing out battery trays

Transax 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 B Plywood 75 in x 41 in (191 x 105 cm). Lifts for access to powertrain.

Capacity Seating for 4 persons with rear seat raised

PRODUCT OVERVIEW

Dimensions

Overall Length 114.0 in (290 cm)
Overall Width 44.5 in (113 cm)
Overall Height 46.0 in (117 cm)
Overall Height 72.0 in (183 cm)
Wheel Base 66.0 in (168 cm)
Front Wheel 36.8 in (93 cm)
Rear Wheel 36.3 in (92 cm)
Ground Clearance 4.75 in (12 cm)
Cargo Deck L 41.5 in (105 cm)
Cargo Deck L 75.0 in (191 cm)
Cargo Deck L 36.0 in (91 cm)
Cargo Deck L 29.0 in (74 cm)
Cargo Deck L Heavy Duty Plywood

Vehicle Power

Power Source 48 Volts DC
Motor Type Shunt Wound
Horsepower 15.2 hp (11.3 kW) @ 1600 rpm
Electrical System 48 Volt
Batteries (Qty) Eight, 6 Volt Deep Cycle, Swing Out Batteries
Key or Pedal Pedal Start
Battery Charger 48 V On-Board, Delta Q 120 VAC, UL/CSA
Speed Controller Solid State 400 Amp Precision Drive System
Drive Train Motor Shaft Direct Drive
Transaxle Differential with Helical Gears
Gear Selective Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio 14.76:1

Performance

Capacity 4 Persons (Rear seat up). 2 Persons (Seat down)
Dry Weight 1225.0 lb (560 kg) (Without Batteries)
Curb Weight 1720.0 lb (780 kg)
Cargo Deck Load Capacity 2500 lb (1135 kg)
Vehicle load capacity 3000 lb (1360 kg)
Outside Clearance Circle 22.0 ft (6.7 m)
Intersecting Aisle Clearance 84.0 in (213 cm)
Speed (Level Ground) 13 mph ± 0.5 mph (21 kph ± 0.8 kph)

Steering & Suspension

Steering Worm Gear
Front Suspension Independent, Transverse Leaf Spring, Shocks
Rear Suspension Leaf Springs & Shock Absorbers
Service Brake Rear Wheel Hydraulic Drum. Front Optional
Parking Brake Hand Operated Mechanical
Front Tire 5.70 x 8 (Load Range C)
Rear Tires 5.70 x 8 (Load Range C)

Body & Chassis

Frame & Body Welded steel with DuraShield™ powder coat
Body & Finish Diamond plate ptn. Polyester primer + acrylic
Standard Color Yellow

Some items shown may be optional equipment

