



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 41.5 in (105 cm)

Cargo Deck L 75.0 in (191 cm)

Cargo Deck W 36.0 in (91 cm)

Cargo Deck H 29.0 in (74 cm)

Cargo Deck M 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

