



CUSHMAN



MODEL: SHUTTLE 4X  
TYPE: ELECTRIC POWERED PERSONNEL CARRIER  
MODEL YEAR: 2014  
Part No.: 619212

PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

TruCourse Technology: Programmable to multiple vehicle terrains, with expanded regenerative braking function, and vehicle charger lockout

- Solid State continuously variable separately excited speed controller
• Dash mounted direction selector switch (Forward-Neutral-Reverse)
• Anti-roll back, walkaway braking and alarm
• Programmable regenerative braking, acceleration and speed
• Six, 8 Volt Deep Cycle Batteries
• Full torque, reduced speed reverse
• Inductive throttle sensor
• Handheld vehicle diagnostics and rounds tracking

Battery Charger: 48VDC high frequency, fully line compensating. 10ft (3m) DC Cord. Underwriters Lab. (U.L.) Listed, (C.S.A. Certified)

- Input: 120 Volts AC, 50/60Hz, 8 amps
• Output: 48 Volts DC at 13 amps

Motor: 48 Volt DC shunt wound, brazed armature, solid copper windings

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 48 Volt DC, six, 8 volt deep cycle batteries (117 minute minimum, 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

Capacity: Seating for 4 persons. Rear Seat converts to Cargo Bed

PRODUCT OVERVIEW

Dimensions

Table with 2 columns: Dimension Name and Value. Includes Overall Length, Overall Width, Overall Height (No Canopy), Overall Height (With Canopy), Wheel Base, Front Wheel Track, Rear Wheel Track, Gnd Clearance @ Differential, Load Bed Width, Load Bed Length.

Vehicle Power

Table with 2 columns: Power Component and Value. Includes Power Source, Motor Type, Horsepower (kW), Electrical System, Batteries (Qty, Type), Key or Pedal Start, Battery Charger, Speed Controller, Drive Train, Transaxle, Gear Selection, Rear Axle Ratio.

Performance

Table with 2 columns: Performance Metric and Value. Includes Seating Capacity, Dry Weight, Curb Weight, Vehicle load capacity, Outside Clearance Circle, Intersecting Aisle Clearance, Speed (Level Ground), Towing Capacity.

Steering & Suspension

Table with 2 columns: Steering/Suspension Component and Description. Includes Steering, Front Suspension, Rear Suspension, Service Brake, Parking Brake, Front Tires, Rear Tires.

Body & Chassis

Table with 2 columns: Body/Chassis Component and Description. Includes Frame, Front Body & Finish, Rear Body & Finish, Standard Color.

Some items shown may be optional equipment



**OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)\***

Item	Std	Opt	Fld
<b>TIRES &amp; WHEELS:</b>			
<b>Front &amp; Rear:</b>			
Trail Wolf 20 x 11 - 10 (4 Ply Rated) Uni-directional	X		
Terra Trac 22 x 11 - 10 with Polished Spoke Wheels		X	
Stryker 22 x 9 - 10 Uni-directional		X	
Turf Saver 20 x 10 - 10 (Load Range B)		X	

Item	Std	Opt	Fld
<b>COLORS:</b>			
Body Color - Patriot Blue	X		
Body Color - Hunter Green		X	
Body Color - Yellow		X	
Body Color - Orange		X	
Body Color - Bright White		X	
Body Color - Flame Red		X	
Body Color - Black		X	
Body Color - Electric Blue		X	
Body Color - Platinum		X	
Body Color - Inferno Red		X	
Body Color - Metallic Charcoal		X	
Body Color - Steel Blue		X	
Custom Body Color (upon request)		X	

Item	Std	Opt	Fld
<b>Pin Stripes:</b>			
Pewter		X	
Black		X	
Silver		X	

Item	Std	Opt	Fld
<b>Seating (includes Rear Facing w/Convertible Deck)</b>			
Seat Color - Gray	X		
Seat Color - Oyster		X	
Seat Color - Tan		X	
Seat Color - Black		X	
Seat Color - Brown		X	
Custom Seat Color (upon request)		X	

Item	Std	Opt	Fld
<b>OTHER PERFORMANCE:</b>			
Front Bumper/Brush Guard	X		
Ash Tray		X	
Glove Box Door (Locking) Driver Side		X	
Glove Box Door (Locking) Passenger Side		X	
Front Basket Kit			X

Item	Std	Opt	Fld
<b>ELECTRICAL:</b>			
<b>Battery Chargers:</b>			
48V 10 ft (3.0 m) DC Cord	X		
48V 18 ft (5.5 m) DC Cord		X	
World Charger 48V 10 ft (3.0 m) DC Cord		X	
World Charger 48V 18 ft (5.5 m) DC Cord		X	
Battery Charger Delete		X	

Item	Std	Opt	Fld
<b>Battery Options</b>			
Battery - T8V	X		
Battery Fill System - T8V		X	
Battery - T890		X	
Battery Fill System - T890		X	
No Battery		X	
Battery Fill System Nozzle, 20' Hose			X

Item	Std	Opt	Fld
<b>Electrical Other:</b>			
Headlights	X		
DC/DC Converter	X		
State of Charge Meter	X		
Horn	X		
Brake Lights		X	
Turn Signals with 4-Way Flashers		X	
Hour Meter		X	
LED Headlight		X	
Unique Individually Key Switch		X	
Handheld Programming Unit			X

Item	Std	Opt	Fld
<b>TRANSAXLE:</b>			
Limited Slip Differential		X	

Item	Std	Opt	Fld
<b>WEATHER PROTECTION:</b>			
Sun Canopy (Top) Tan - 80"			X
Sun Canopy (Top) White - 80"			X
Sun Canopy (Top) Black - 80"			X
Weather Enclosure - Black			X
Weather Enclosure - Gray			X
Weather Enclosure - Green			X
Weather Enclosure - White			X
Weather Enclosure - Tan			X
Windshield Kit (Hardware) 30/70 split			X
Windshield Kit (Hardware) 30/70 Full			X
Rear View Mirror (Sun Canopy Required)			X
Message Holder (1 Piece, Sun Canopy Required)			X
Defroster/Fan			X