



CUSHMAN



MODEL: SHUTTLE™ 4 EFI
TYPE: GAS POWERED PERSONNEL CARRIER
MODEL YEAR: 2019
Part No: 657078

PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine: 13.5 hp (10.1 kW) per SAE J1940 standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled

- **Valve Train:** Overhead valve
- **Lubrication:** Pressurized oil system, spin-on oil filter
- **Balancer:** Internal counter rotating balance shaft
- **Fuel System:** Closed-loop electronic fuel injection
- **Ignition:** Electronic inductive spark
- **Air Cleaner:** Replaceable dry cartridge

Electrical: Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (525 CCA, 85 minute reserve)

Drive Train: Automatic, continuously variable transmission (CVT)

Brakes: Dual rear wheel mechanical self-adjusting drum brakes. Single point park brake release with self-compensating system

Transaxle: Differential with helical gears, ground speed governor, forward/reverse

PRODUCT OVERVIEW

Dimensions

Overall Length	135.0 in (343 cm)
Overall Width	48.5 in (123 cm)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)
Overall Height (With Canopy)	72.0 in (183 cm)
Wheel Base	93.5 in (237 cm)
Front Wheel Track	34.2 in (86.7 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.3 in (11 cm)
Cargo Box Width (inside)	42.5 in (108 cm)
Cargo Box Length (inside)	32.0 in (80 cm)
Cargo Box Depth (inside)	11.5 in (29 cm)
Cargo Box Capacity	9 cu ft (.25 m3)
Cargo Box material	Wood Stake Sides

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc)
Valve Train	Single Cylinder OHV
Horsepower (kW)	13.5 hp (10.1 kW)
Electrical System	Starter/Generator. Solid State Regulator
Battery (Qty, Type)	One, 12 Volt Maintenance Free
Key or Pedal Start	Pedal
Air Cleaner	Industrial Rated Dry Filter
Lubrication	Pressurized Oil System
Oil Filter	Spin-On
Cooling System	Air Cooled
Fuel Capacity	5.24 Gallon (19.8 L) tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection	Forward - Reverse
Rear Axle Ratio	11.42:1 (Forward) 14.35:1 (Reverse)

Performance

Seating Capacity	4 Person
Dry Weight	896 lb (405 kg)
Curb Weight	936 lb (425 kg)
Bed Load Capacity	400 lb (180 kg)
Vehicle load capacity	1200 lb (545 kg)
Outside Clearance Circle	25.5 ft (7.8 m)
Intersecting Aisle Clearance	N/A
Speed (Level Ground)	14 mph ± 0.5 mph (22.5 kph ± 0.8 kph)
Towing Capacity	N/A

Steering & Suspension

Steering	Self-compensating reduction rack and pinion
Front Suspension	Leaf springs with hydraulic shock absorbers
Rear Suspension	Leaf springs with hydraulic shock absorbers
Service Brake	Rear wheel mechanical self-adjusting drum
Parking Brake	Self-compensating, single point engagement
Front Tires	18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

Frame	Welded steel. DuraShield™ powder coat
Front & Rear Body & Finish	Injection molded TPO, Painted
Seat Pod & Finish	ABS, Painted
Standard Color	Patriot Blue

Some items shown may be optional equipment



OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld
TIRES & WHEELS:			
Front:			
18 x 8.50 - 8 (4 Ply Rated)	X		
Improved Surface 18 x 8.50 - 8 (Load Range C)		X	
Rear:			
18 x 8.50 - 8 (4 Ply Rated)	X		
Improved Surface 18 x 8.50 - 8 (Load Range C)		X	

Item	Std	Opt	Fld
Wheel Covers:			
Spoke, Gold		X	
Spoke, Silver		X	

Item	Std	Opt	Fld
COLORS:			
Body Color - Patriot Blue	X		
Body Color - Forest Green		X	
Body Color - Ivory		X	
Body Color - Safety Yellow		X	
Body Color - Black		X	
Body Color - Inferno Red		X	
Body Color - Bright White		X	
Body Color - Flame Red		X	
Body Color - Platinum		X	
Body Color - Burgundy		X	
Body Color - Almond		X	
Body Color - Electric Blue		X	
Body Color - Metallic Charcoal		X	
Body Color - Sunburst Orange		X	
Body Color - Oasis Green		X	

Item	Std	Opt	Fld
Pin Stripes:			
Pewter		X	
Black		X	
Silver		X	

Item	Std	Opt	Fld
Seating:			
Seat Color - Oyster	X		
Seat Color - Gray		X	
Seat Color - Tan		X	
Custom Seat Color (upon request)		X	

Item	Std	Opt	Fld
ELECTRICAL:			
Head Lights	X		
Horn	X		
Fuel Gauge	X		
Low Oil Indicator	X		
Individual Key Switch		X	
Unique Group Key Switch		X	
Brake Lights		X	
Hour Meter		X	
LED Headlights		X	
Turn Signals with 4-Way Flashers		X	

Item	Std	Opt	Fld
OTHER PERFORMANCE:			
Cargo Bed	X		
Front Hydraulic Disc Brakes		X	
CE Kit		X	
Fender Flare	X		
Brush Guard	X		

Item	Std	Opt	Fld
TRANSAXLE:			
Limited Slip Differential		X	

Item	Std	Opt	Fld
WEATHER PROTECTION:			
Sun Canopy 118 in (300 cm) (Beige)			X
Sun Canopy 118 in (300 cm) (White)			X
Sun Canopy 118 in (300 cm) (Black)			X
Windshield Flat			X
Windshield Fold Down			X
Rear View Mirror (Sun Canopy Required)			X