

MODEL: SHUTTLE™ 2

TYPE: ELECTRIC DRIVE CARGO CARRIER

MODEL YEAR: 2017

Part No: 618848



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Precision Drive System™ (PDS): Factory programmable to application

- Solid State continuously variable separately excited speed controller
- Dash mounted direction selector switch (Forward-Neutral-Reverse)
- Anti-roll back, walkaway braking and alarm
- Anti-stall motor protection
- Regenerative 'Pedal Down' and/or 'Pedal Up' braking

- Eight, 6 Volt Deep Cycle
- Full torque, reduced speed reverse
- Inductive throttle sensor
- Diagnostic indicator
- Factory selectable performance options

Battery Charger: 48 VDC, 120 VAC, Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)

Motor: 48 volt DC shunt wound, brazed armature, solid copper windings. Intermittent Horsepower 18.1 hp (13.5 kW) at 1900 rpm (1hour)

Drive Train: Direct motor shaft connected to transaxle pinion shaft

Electrical System: 48 Volt DC, eight, 6 volt deep cycle storage batteries (107 minute, 225 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

PRODUCT OVERVIEW

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Some items shown may be optional equipment



OPTIONS & FIELD II	NSTALI	_ED	CCESSORIES (Installation not included)*			I
tem	Std	Opt	Item	Std	Qр	jt
FIRES & WHEELS:	014		ELECTRICAL:	0,14	o p	
ront:			Electrical Other:			
18 x 8.50 - 8 (4 Ply Rated)	Х		Headlights	Х		
Improved Surface 18 x 8.50 - 8 (Load Range C)		Χ	Horn	X		-
dear:			State of Charge Meter	X		-
18 x 8.50 - 8 (4 Ply Rated)	Х		LED Headlights		Χ	-
Improved Surface 18 x 8.50 - 8 (Load Range C)		Х	DC/DC Converter		Х	_
/heel Covers:			Hour Meter		X	
Spoke, Gold		Х	Individual Key Switch		Х	
Spoke, Silver		Х	Turn Signals with 4-Way Flashers		Х	
Openior circu	<u> </u> J		Unique Group Key Switch		Х	
OLORS:			Battery Chargers:			-
Body Color - Patriot Blue	χ		48 VDC Delta-Q, 10 ft (3 m) DC Cord	Ιx	1	
Body Color - Forest Green		Х	48 VDC Delta-Q, 18 ft 5.5 m) DC Cord		Х	_
Body Color - Ivory		Х	Batteries:		^	-
Body Color - Nory Body Color - Safety Yellow		Х	Batteries Trojan T105	Х	1	
Body Color - Black		Х	Batteries Trojan T105 Batteries Trojan T105 w/ Battery Fill System		Χ	-
Body Color - Inferno Red		Х	Batteries Trojan T145		Х	
Body Color - Bright White		Х	Batteries Trojan T145 w/ Battery Fill System		Х	
Body Color - Flame Red		Х	Daticies from 1145 w battery 1111 System		^	-
Body Color - Platinum		Х	VEHICLE CAB:			
Body Color - Platindrii Body Color - Burgundy		Х	Cab, White (without doors)	I	1	
Body Color - Almond		Х	White Doors, Set			-
Body Color - Almond Body Color - Electric Blue		Х	Defroster (Cab, Fuse Panel w/Switches reg'd)			-
Body Color - Steel Blue		X	Dome Light (Cab, Fuse Panel w/Switches reg'd)			_
Body Color - Steel Bide Body Color - Metallic Charcoal		Х	Light Kit, Beacon (Cab, Fuse Panel w/Switches req'd)			_
Body Color - Sunburst Orange		X	Mirrors (Cab, Fuse Panel w/Switches req'd)			_
Body Color - Suriburst Orange Body Color - British Racing Green		X	Strobe Light (Cab, Fuse Panel w/Switches reg'd)			_
eating		_ ^	Fuse Panel w/Switches			_
Seat Color - Oyster	Ιv		Work Light Kit (Cab, Fuse Panel w/Switches reg'd)			_
Seat Color - Tan	Х	Х	work Light Kit (Cab, Fuse Patiet W.Switches requ)			_
Seat Color - Tan Seat Color - Gray		X	WEATHER PROTECTION:			
Custom Seat Color (upon request)		X	Sun Canopy (Top) Black	ı	1	
, , , , ,			J			_
in Striping: Pewter	I	l _v l	Sun Canopy (Top) Beige Sun Canopy (Top) White			_
Black		X	Windshield Flat			_
		X	Windshield Fold Down		-	_
Silver		٨	Rear View Mirror (Sun Canopy Required)		-	_
THER PERFORMANCE:			kear view iviirror (Sun Canopy Requirea)			_
Cargo Bed	Х		TRANSAXLE:			
Front Hydraulic Disc Brakes		Χ	Limited Slip Differential		Χ	
Drop Side Rails (as shown in picture)			<u> </u>	1	-	-
Fender Flare	Х					
Brush Guard	Х	t t				



MODEL: SHUTTLE™ 2 EFI

TYPE: GASOLINE POWERED CARGO CARRIER

MODEL YEAR: 2019

Part No: 657077



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

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	141.0 in (358 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 (89 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.75 in (12 cm)
Cargo Bed Width	44.0 in (112 cm)
Cargo Bed Length	68.5 in (174 cm)

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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

Max Fuel Volume 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)

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	II alii	HE	1100

Fuel System:

Air Cleaner:

Ignition:

Seating Capacity 2 Persons

Dry Weight 884 lb (402 kg)

Curb Weight 926 lb (420 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 \pm 0.5 mph (22.5 kph \pm 0.8 kph)

Closed-loop electronic fuel injection

Electronic inductive spark

Replaceable dry cartridge

Towing Capacity N/A

Steering & Suspension

Steering Self-compensating 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 Body & Finish Injection molded TPO
Rear Body & Finish Steel. Base coat/clear coat

Standard Color Patriot Blue

Some items shown may be optional equipment



ES & WHEELS:	Std Opt Fld	Item	Si
	Ota Opti la	Electrical:	Ů.
ont:		Headlights	Х
18 x 8.50 - 8 (4 Ply Rated)	x	Fuel Gauge	Ė
Improved Surface 18 x 8.50 - 8 (Load Range C)	X	Hom	>
ar:		Low Oil Indicator)
18 x 8.50 - 8 (4 Ply Rated)	x	Frdm Key Switch)
Improved Surface 18 x 8.50 - 8 (Load Range C)	X	LED Headlights	Ė
neel Covers:		Tail Lights	
Spoke, Gold	x	Brake Lights	
Spoke, Silver	X	Non Std Frdm Key Switch	
		Frdm Unique Individual Key Switch	
DLORS:		Turn Signals with 4-Way Flashers	
Body Color - Patriot Blue	x	Hour Meter	
Body Color - Forest Green	X		
Body Color - Ivory	X	TRANSAXLE:	
Body Color - Safety Yellow	X	Limited Slip Differential	
Body Color - Black	X		
Body Color - Inferno Red	X	WEATHER PROTECTION:	
Body Color - Bright White	X	Sun Canopy (Top) Black	l
Body Color - Flame Red	X	Sun Canopy (Top) Beige	
Body Color - Platinum	X	Sun Canopy (Top) White	
Body Color - Burgundy	X	Windshield Flat	
Body Color - Almond	X	Windshield Fold Down	
Body Color - Electric Blue	X		
Body Color - Metallic Charcoal	X	VEHICLE CAB	
Body Color - Sunburst Orange	X	Cab - White (without doors)	l
ating		White Doors (Set)	
Seat Color - Oyster	x	Defroster (Cab, Fuse Panel w/Switches reg'd)	
Seat Color - Tan	X	Dome Light (Cab, Fuse Panel w/Switches reg'd)	
Seat Color - Gray	X	Light Kit, Amber Beacon (Cab, Fuse Panel w/Switches req'	 (t
Stripes:	<u> </u>	Mirrors (Cab req'd)	Ĺ
Pewter	x	Strobe Light (Cab, Fuse Panel w/Switches req'd)	
Black	Х	Fuse Panel w/Switches	
Silver	Х	Work Light Kit (Cab, Fuse Panel w/Switchs req'd)	