

MODEL: BELLHOP 2
TYPE: ELECTRIC PRECISION DRIVE SYSTEM CARGO CARRIER
MODEL YEAR: 2010
Part No.: 600071



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 Lester PowerWise™, 120 VAC, Underwriters Laboratories (U.L.) Listed, (C.S.A. Certified)

Motor: 48 volt DC shunt wound, brazed armature, solid copper windings. Intermittant 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

Dimensions

Overall Length	138.0 in (351 cm)
Overall Width	46.5 in (119 cm)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)
Overall Height (With Canopy)	74.0 in (188 cm)
Wheel Base	93.5 in (237 cm)
Front Wheel Track	34.2 in (87 cm)
Rear Wheel Track	38.0 in (97 cm)
Gnd Clearance @ Differential	4.3 in (11 cm)
Cargo Bed Width	44.0 in (112 cm)
Cargo Bed Length	68.5 in (174 cm)

Vehicle Power

Power Source	48 Volts DC
Motor Type	Shunt Wound
Continuous Horsepower (kW)	2.5 hp (1.9 kW)
Intermittent Horsepower (kW)	18.1 hp (13.5 kW) @ 1900 rpm
Electrical System	48 Volt
Batteries (Qty, Type)	Eight, 6 Volt Deep Cycle
Key or Pedal Start	Pedal Start
Battery Charger	48 V Lester PowerWise, 120 VAC, UL/CSA
Speed Controller	400 Amp Precision Drive System (PDS)
Drive Train	Motor Shaft Direct Drive
Transaxle	Differential with helical gears
Gear Selection	Dash Mounted Forward-Neutral-Reverse
Rear Axle Ratio	14.7:1

Performance

Seating Capacity	2 Person
Dry Weight	710 lb (320 kg) (Without Batteries)
Curb Weight	1200 lb (545 kg)
Vehicle load capacity	1000 lb (540 kg)
Outside Clearance Circle	25.5 ft (7.8 m)
Intersecting Aisle Clearance	94 in (240 cm)
Ground Speed (Level Ground)	13 mph ± 0.5 mph (21 kph ± 0.8 kph)
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	Links 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Links 18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

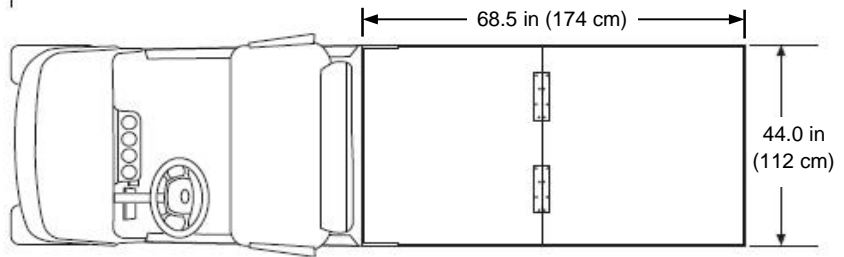
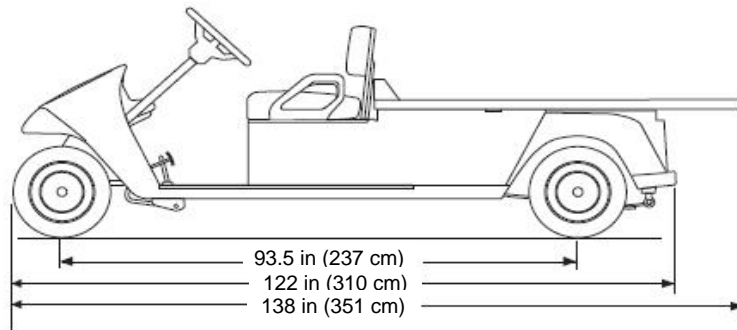
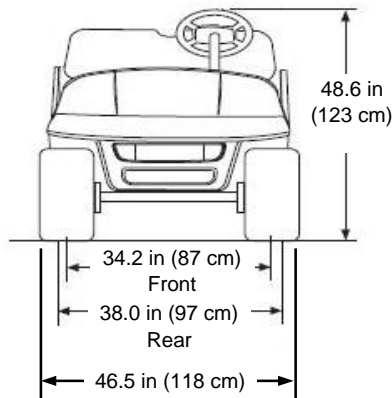
Frame	Welded steel. DuraShield™ powder coat
Front Body & Finish	Injection molded TPO. Base coat/clear coat
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Champagne

Some items shown may be optional equipment

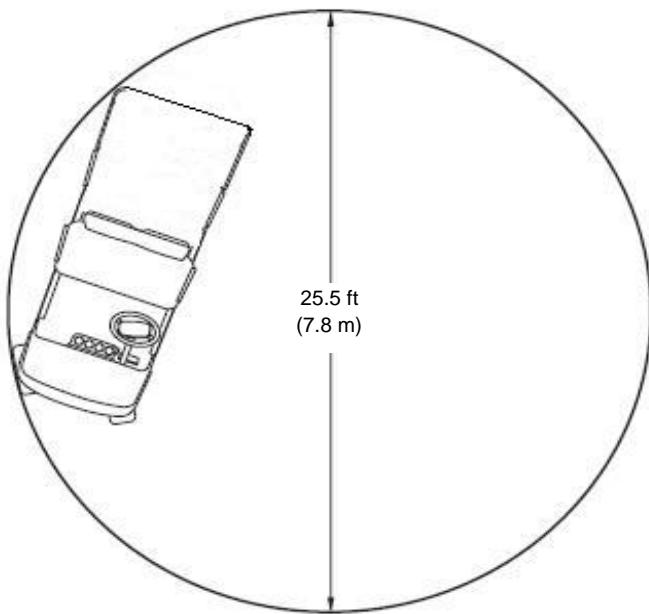
OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:							
Front:				Work Lights (For use with Cab) ●			
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Dome Light (For use with Cab) ●			
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Miscellaneous Electrical			
Rear:				Horn ●			
Links 18 x 8.50 - 8 (4 Ply Rated)	●			State of Charge Meter ●			
USA Trail 18 x 8.50 - 8 (Load Range C)		●		DC Converter (20 Amp) ●			
Wheel Covers:				Hour Meter ●			
Black & Gold Spoke		●		Individual Key Switch ●			
Black & Silver Spoke		●		Unique Group Key Switch ●			
Chrome 8 in (20 cm)		●		Defroster/Cooling Fan (For use with Cab) ●			
COLORS:				Switch Panel/Fuse Block ●			
Body Color - Champagne	●			WEATHER PROTECTION:			
Body Color - Hunter Green		●		Sun Canopy (Beige) 118 in (300 cm) ●			
Pin Stripes:				Sun Canopy (White) 118 in (300 cm) ●			
Gold		●		Windshield Flat ●			
Dark Green		●		Windshield Fold Down ●			
White		●		Steel Cab (White) without doors ●			
Black		●		Steel Doors for Cab (White) ●			
Red		●		ADDITIONAL OPTIONS & FIELD INSTALL ACCESSORIES			
Burgundy		●		Cab Mounted Side Rear View Mirror ●			
Non Standard Color		●		Rear View Mirror (For use with Sun Canopy) ●			
Seating				Drop Side Rails ●			
Seat Color - Oyster	●			Ash Tray ●			
Seat Color - Tan		●					
Seat Color - Gray		●					
Custom Seat Color		●					
OTHER PERFORMANCE:							
Hydraulic Front Disc Brakes		●					
ELECTRICAL:							
Battery Chargers:							
48 VDC Lester PowerWise, 120 VAC, UL & CSA	●						
48 VDC PowerWise SCR, 120 VAC, 50/60 Hz (Japan)		●					
48 VDC PowerWise, 230 VAC, 50 Hz		●					
48 VDC Delta-Q, 10 ft (3 m) DC Cord		●					
48 VDC Delta-Q, 18 ft (5.5 m) DC Cord			●				
Battery Charger Delete		●					
Batteries							
Trojan T105	●						
Trojan T145-Lo Profile		●					
Trojan T125-Lo Profile		●					
Lighting							
Headlights		●					
Tail Lights		●					
Brake Lights		●					
Turn Signals with 4-way Flashers		●					
Strobe Light (For use with Cab)			●				

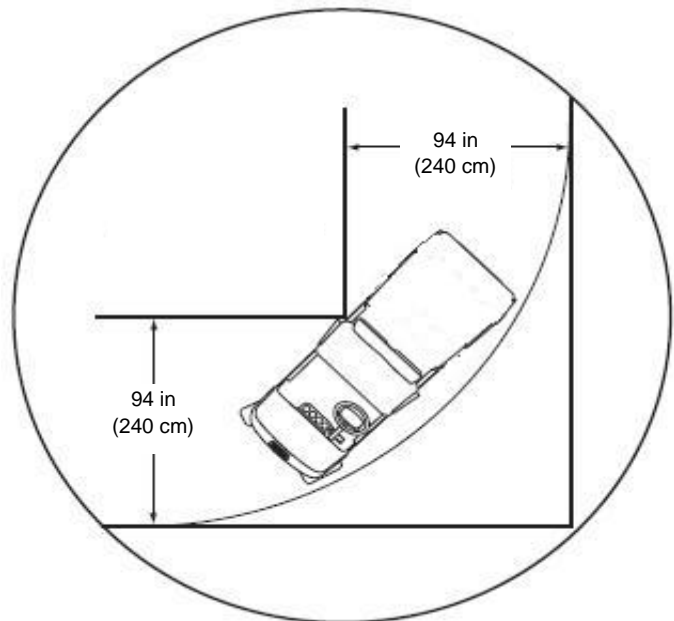
DIMENSIONS



CLEARANCE DIAGRAMS



TURNING CLEARANCE DIAMETER



INTERSECTING AISLE CLEARANCE

MODEL: BELLHOP 2
TYPE: GASOLINE POWERED CARGO CARRIER
MODEL YEAR: 2010

Part No.: 605781, 606690 California



PRODUCT SPECIFICATION

CONFIGURATION HIGHLIGHTS

Engine:	13 hp (9.7 kW) Exceeds SAE J1940 Standard, 4 cycle, 24.5 ci (401 cc) single cylinder, air-cooled by Kawasaki		
● Valve Train:	Overhead valve	● Fuel System:	Fixed float bowl with remote pulse fuel pump
● Lubrication:	Pressurized oil system, spin-on oil filter	● Ignition:	Electronic spark/magneto
● Balancer:	Internal counter rotating balance shaft	● Air Cleaner:	Replaceable dry cartridge
Electrical:	Starter/Generator, solid-state regulator, 12 Volt maintenance free battery (425 CCA, 60 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	138.0 in (351 cm)
Overall Width	46.5 in (118 cm)
Overall Height (No Canopy)	48.6 in (123 cm) (Top of steering wheel)
Overall Height (With Canopy)	74.0 in (188 cm)
Wheel Base	93.5 in (237 cm)
Front Wheel Track	34.2 in (87 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)

Vehicle Power

Power Source	4 Cycle 24.5 cu in (401 cc). Low Emission
Valve Train	Single Cylinder OHV
Horsepower (kW)	13 hp (9.7 kW) Exceeds SAE J1940 Std.
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	5.8 Gallon (22.0 L) tank
Drive Train	Continuously variable transmission (CVT)
Transaxle	Differential with helical gears
Gear Selection	Forward - Reverse
Rear Axle Ratio	11.42:1 (Forward) 15.78:1 (Reverse)

Performance

Seating Capacity	2 Persons
Dry Weight	841 lb (380 kg)
Curb Weight	881 lb (400 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)	16 mph ± 0.5 mph (26 kph ± 0.8 kph)
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	Links 18 x 8.50 - 8 (4 Ply Rated)
Rear Tires	Links 18 x 8.50 - 8 (4 Ply Rated)

Body & Chassis

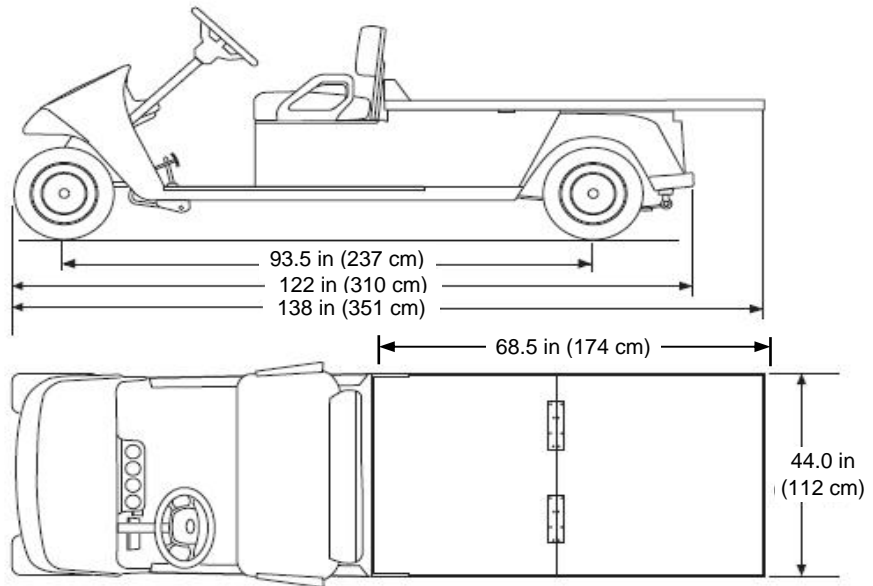
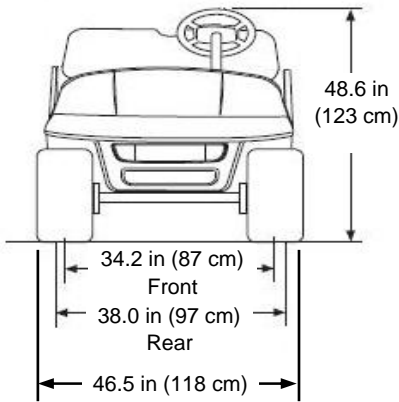
Frame	Welded steel. DuraShield™ powder coat
Front Body & Finish	Injection molded TPO
Rear Body & Finish	Steel. Base coat/clear coat
Standard Color	Champagne

Some items shown may be optional equipment

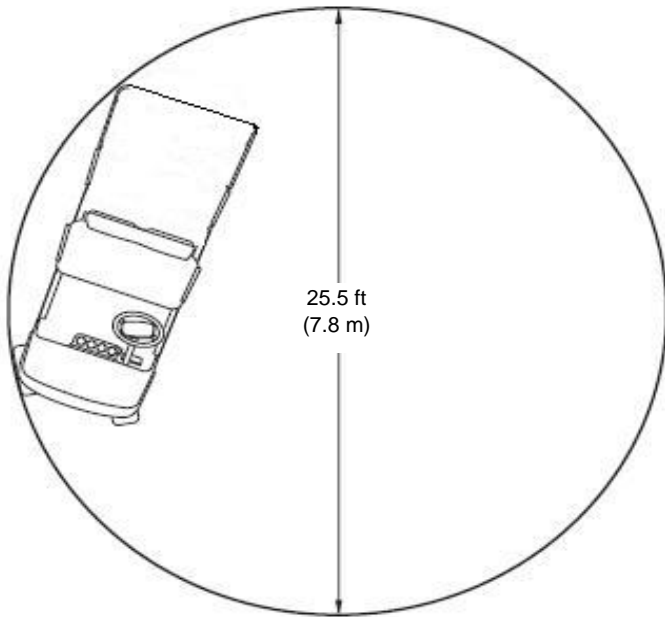
OPTIONS & FIELD INSTALLED ACCESSORIES (Installation not included)*

Item	Std	Opt	Fld	Item	Std	Opt	Fld
TIRES & WHEELS:				Switch Panel/Fuse Block (For use with Cab)			●
Front:				Defroster/Cooling Fan (For use with Cab)			●
Links 18 x 8.50 - 8 (4 Ply Rated)	●			WEATHER PROTECTION:			
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Sun Canopy (Top) Beige			●
Rear:				Sun Canopy (Top) White			●
Links 18 x 8.50 - 8 (4 Ply Rated)	●			Windshield Flat			●
USA Trail 18 x 8.50 - 8 (Load Range C)		●		Windshield Fold Down			●
Wheel Covers:				Steel Cab (White) without Doors			●
Black & Gold Spoke		●		Steel Doors for Cab (White)			●
Black & Silver Spoke		●		ADDITIONAL OPTIONS & FIELD INSTALL ACCESSORIES			
Chrome 8 in (20 cm)		●		Cab Mounted Side Rear View Mirrors			●
COLORS:				Rear View Mirror for Sun Canopy			●
Body Color - Champagne	●			Drop Side Rails			●
Body Color - Hunter Green		●		Ash Tray			●
Pin Stripes:				VEHICLE CERTIFICATION KIT(S)			
Gold		●		CE Kit		●	
Dark Green		●					
White		●					
Black		●					
Red		●					
Burgundy		●					
Non Standard Color		●					
Seating							
Seat Color - Oyster	●						
Seat Color - Tan		●					
Seat Color - Gray		●					
Custom Seat Color		●					
OTHER PERFORMANCE:							
Hydraulic Front Disc Brakes		●					
High Altitude Jetting (3k-6k ft. & >6k ft.)		●					
Clutch Belt Shield			●				
ELECTRICAL:							
Lighting							
Headlights		●					
Tail lights		●					
Brake Lights		●					
Turn Signals with 4-way Flashers		●					
Dome light (For use with Cab)			●				
Strobe Light (For use with Cab)			●				
Work Light (For use with Cab)			●				
Miscellaneous Electrical							
Fuel Gauge with Low Oil Indicator	●						
Horn	●						
Hour Meter		●					
Individual Key Switch		●					
Unique Group Key Switch		●					
Heater (For use with cab)			●				

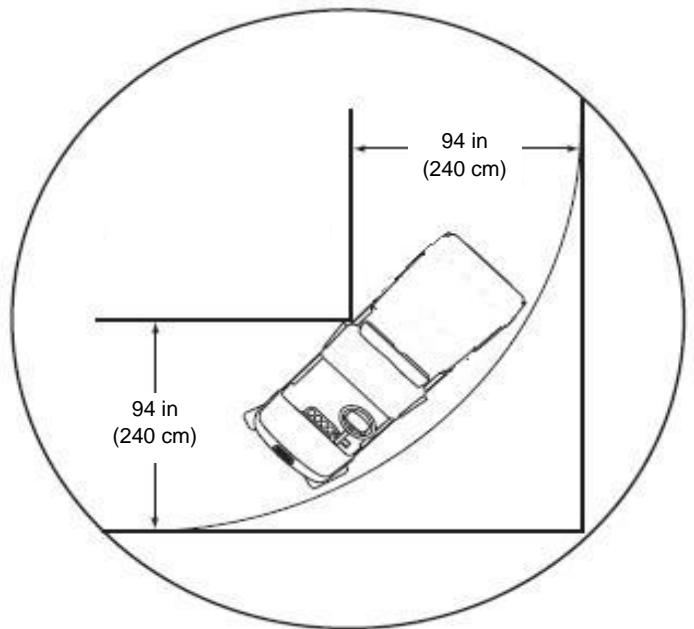
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