

SHERP the Ark 3400



OBSTACLES DO NOT BLOCK THE PATH, THEY ARE THE PATH!



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Courtesy of CraneMarket.com

SHERP the Ark 3400 - People mover



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SPECIFICATIONS

BODY

Type	Hardtop
Material	Steel (frame and bottom, hot dipped galvanized) and aluminum (cabin)

CABIN

Internal volume	5.9 m ³
Rear space internal volume	14.2 m ³
Overall internal volume	20.1 m ³

PERFORMANCE

Payload	2000 kg (400 kg (880 lb) in front section and 1600 kg in rear section)
Towing capacity	4000 kg (8818lb)
Maximum speed	Up to 30 km/h (18.6 mph)
Minimal speed	1 km/h (0.6 mph)
Overwater speed up	Up to 6 km/h (3.7 mph)
Trench / crevice crossing	2 m
Gradeability / descent	40° (88%)
Tilt	30° (66%)
Step crossing	1500 mm (5 ft)
Suspension	Pneumatic circulating, separate adjustment for front and rear sections
Dry vehicle weight	5382 kg (11865lb)
Ground pressure (depends on tire pressure)	0,07–0,15 kg/cm ² (0,9-2,1 lb/in ²)

SAFETY FEATURES

The body design includes integrated ROPS made of steel. The ATV's front and rear sections have automatic pumps that will pump water out the cabin. In the case of a tire puncture, it is possible to shut off the air supply to the damaged tire and confidently continue moving forward. Digital Inclinator with sound and light alarm for critical tilt angles of the rear section. Back-up alarm. Rear-view camera. The driver's and passengers' seats are equipped with adjustable two-, three-, and four-point seatbelts.

DIMENSIONS

Length	9632 mm (379 in)
Width	2520 mm (99 in)
Height	2600 mm (102 in)
Ground clearance	600 mm (23 in)

CONTROLS

Display - color
Steering wheel, multi-power articulated (3-axis)

TRANSMISSION

Type	mechanical
Final drive	chain drive

FUEL SYSTEM

Fuel tank volume	180 L (63 gal) (30 L [8 gal] in a front section, 150 L in rear section)
Capacity of additional fuel canisters	10 x 58 L (15 gal)
Fuel consumption	8-12 L/h (2-3 gal/h)
Average fuel autonomy	to drive more than 82 hours of autonomy and 24hr non-stop running just with main fuel tank

ELECTRICAL

Voltage	12 V
Generator Performance	140 A
Cold Cranking Amps	2*900CCA
Battery type	Lead Acid

BRAKES

Brakes	hydraulic dual caliper/dual disc handbrake
Parking brake system	

TIRES

Size	1800x600x25 (71x23x25in)
Type	Tubeless, extra-low pressure

WARRANTY

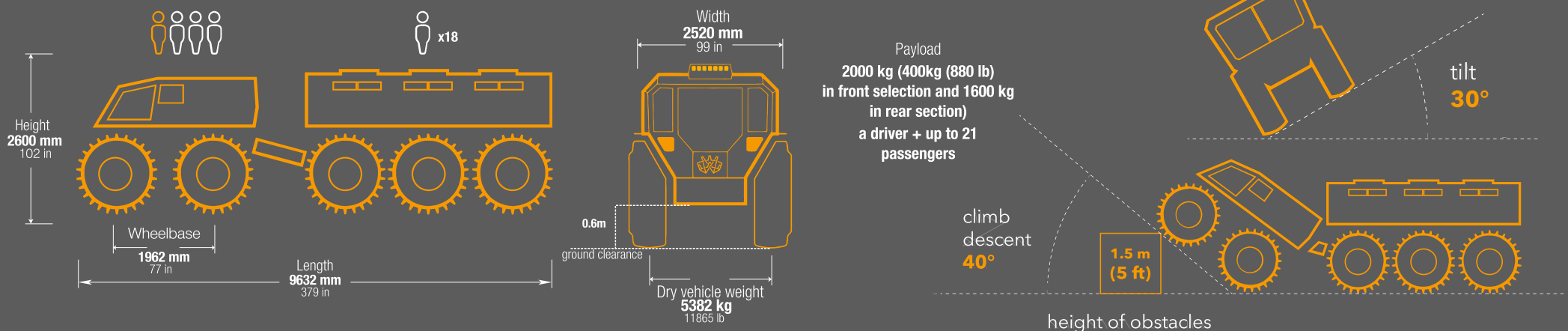
2000 m/h or 2 year (whichever comes first)
Maintenance interval (first/regular) - 250 hours (first 50 hours)

ENGINE

Model	Doosan D24
Fuel type	diesel
Emission control	Stage 5 / Tier-4-final
Number of cylinders	4
Engine DOC (Diesel Oxidation Catalyst)	DOC+DPF/DOC only
Engine displacement	2.4 L
Max engine power	55,4 kW (74,3 hp)
Max engine torque	320 Nm
Gearbox	Manual, 5 gears
Transfer gearbox	High/low ranges + possibility to disconnect front section
Differential locks	Yes (front and rear sections)

BASE MODEL INCLUDES:

Cabin and passenger module ROPS
Backup battery
Rear view camera
LED hi-beam and low-beam
3-point seatbelts for driver and passengers
Glove boxes
Additional fuel tank rims



SHERP the Ark 3400 - Universal platform



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SPECIFICATIONS

BODY

Type	Hardtop
Material	Steel (frame and bottom, hot dripped galvanized) and aluminum (cabin)

CABIN

Internal volume	5.9 m ³
Rear space internal volume	3.1 m ³
Overall internal volume	9 m ³

PERFORMANCE

Payload	3400 kg (7500lb) - (400 kg in front section and 3000 kg in rear section)
Towing capacity	4000 kg (8818lb)
Maximum speed	Up to 30 km/h (18.6 mph)
Minimal speed	1 km/h (0.6 mph)
Overwater speed up	Up to 6 km/h (3.7 mph)
Trench / crevice crossing	2 m
Gradeability / descent	40° (88%)
Tilt	30° (66%)
Step crossing	1500 mm (5 ft)
Suspension	Pneumatic circulating, separate adjustment for front and rear sections
Dry vehicle weight	4300 kg (9500lb)
Ground pressure (depends on tire pressure)	0,07–0,15 kg/cm ² (0,9-2,1 lb/in ²)

SAFETY FEATURES

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DIMENSIONS

Length	9632 mm (379 in)
Width	2520 mm (99 in)
Height	2600 mm (102 in)
Platform length	4800 mm (188 in)
Platform width	2210 mm (87 in)
Width between platform wheels	1180 mm (46 in)
Ground clearance	600 mm (23 in)

CONTROLS

Display - color
Steering wheel, multi-power articulated (3-axis)

TRANSMISSION

Type	mechanical
Final drive	chain drive

FUEL SYSTEM

Fuel tank volume	180 L (63 gal) (30 L [8 gal] in a front section, 150 L in rear section)
Capacity of additional fuel canisters	10 x 58 L (15 gal)
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