

# SEARCH & RESCUE UTV



**SHERP Search & Rescue UTV** is the best assistant in saving lives and delivering rescuers to the places of rescue operations where standard rescue vehicles, helicopters and other equipment cannot reach due to:

- **remoteness** of the location
- **inaccessibility** of the location
- **severe nature and weather** conditions

However, these are not obstacles for **SHERP Search & Rescue UTV**. It doesn't need the roads, as well as fallen trees, stones, water reservoirs and other obstacles cannot stop it. Moreover, it can be easily transported along the public roads by a trailer.

For a **prompt response to emergencies** directly on the spot, Search & Rescue UTV can be equipped with emergency devices:

- Radio communication unit
- Special light and sound signaling devices
- LED stroboscopes with stainless steel protection
- Easily removable LED searchlights with remote control
- LED rechargeable lights
- Protected low and high beam headlights

In order to **ensure delivery of rescue team, equipment**, as well as **victims transportation from remote locations** by the UTV, it can be installed:

- Additional fuel canisters
- SPTA - a set of tools for prompt maintenance right in the field





For a **comfortable and safe transportation** of the rescue team, it is installed:

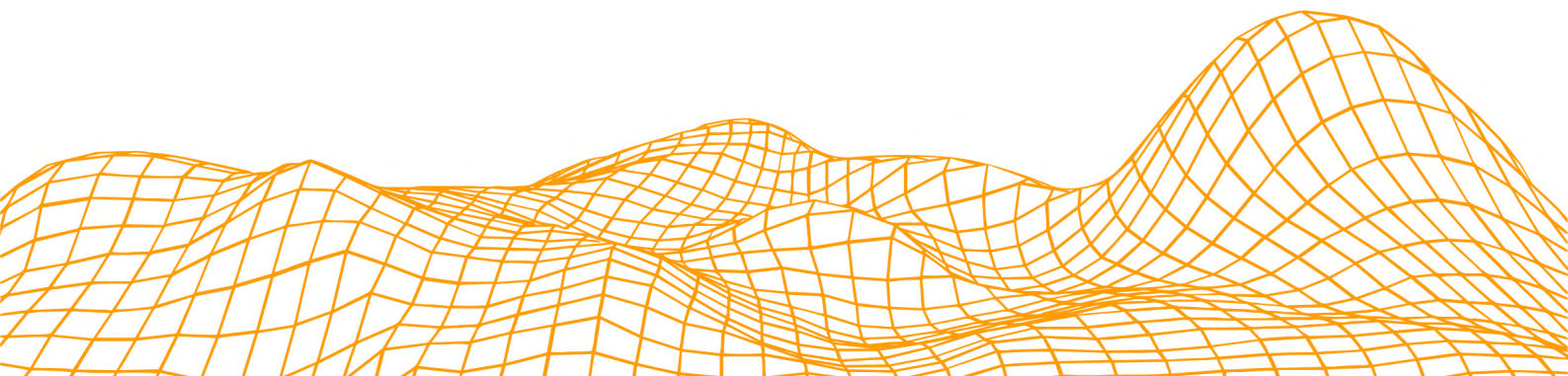
- ROPS made of steel, that makes the UTV much safer
- The driver's and passengers' seats equipped with the adjustable 2- and 3-points seatbelts
- Autonomous heater
- Backup battery



The **inner space** of the SHERP Search & Rescue UTV is organized so that the rescuers always have everything they need ready to hands:

- Rescue stretchers with helicopter fastening system for victims' transportation
- Life jackets
- Heat-resistant rescue rope
- Professional entrenching tool
- First-aid kit
- Fire extinguisher
- Space for auxiliary tools (in-floor)

**SHERP Search & Rescue UTV is always there, where you need help,  
and the most important - on time!**





# SHERP S&R Specification











Body type	Hardtop
Body material	Frame and bottom - steel (galvanized), cabin - aluminium
Steering	Skid steering
Tire size	1 800 x 600 x 25 (70,9 x 23,6 x 25 in)
Type of tyres	Tubeless, extra-low pressure
Suspension	Pneumatic circulating - PATENTED
Maximum speed (at the top-gear)	Ground - up to 40 km/h (25 Mph), water - up to 6 km/h (3,7 Mph)
Minimum speed (at the low-gear)	2 km/h (1,2 Mph)
Engine model	Doosan D18
Fuel type	Diesel
Emission control	Stage V / Tier-4-final
Engine DOC (Diesel Oxidation Catalyst)	DOC+DPF / DOC only
Fuel consumption	5-8 lph (1,3-2,1 gph)
Engine displacement	1,8 L
Cylinder count	3
Max engine power	41 kW (55 hp)
Max engine torque	190 N·m
Generator performance	140 A
Fuel tank volume	95 L
Capacity of additional fuel canisters	4 x 58 L (15 gal)
Gearbox	Mechanical, 6-speed
Dry weight	2 400 kg (5 291 lb)
Loading capacity	up to 1 200 kg (2 646 lb)
Towing capacity	2 350 kg (5 181 lb)
Cabin internal volume	2 m <sup>3</sup>
Rear space internal volume	5,8 m <sup>3</sup>
Overall internal volume	7,8 m <sup>3</sup>
Maintenance interval	250 moto hours (the first maintenance - 50 moto hours)
Parking brake system	Mechanical handbrake

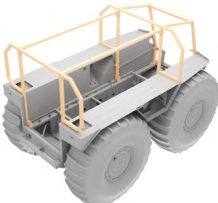







## Base Model Includes














ROPS (rollover protection system)	3-point seatbelt for the driver and the passenger
Backup battery	Glove boxes and cup holders
Rear view camera	Under floor storage boxes
LED hi-beam and low-beam	Additional fuel tanks, integrated into each wheel
Towing hitch integrated in front and rear bumpers	Autonomous heater
Integrated front and rear footboards	Preparation for A/C installation



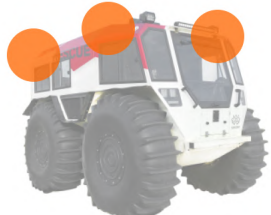












# SHERP Search & Rescue UTV

## Specification










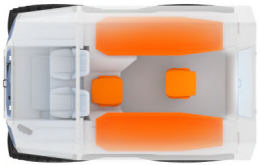



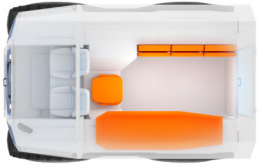




Name	Photo	Location
<b>Base</b>		
Sherp N		
Autonomous heater		
Backup battery		
Set of LED hi-beam and low-beam		
Additional fuel tanks, integrated into each wheel - 4 pcs		
Under-floor storage boxes		








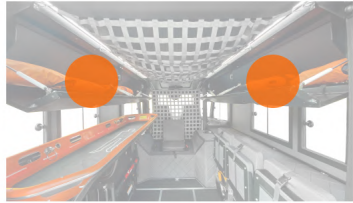


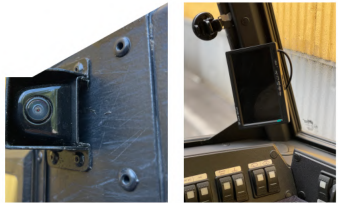
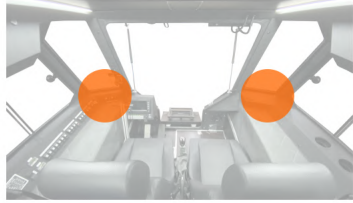

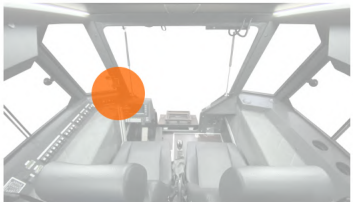

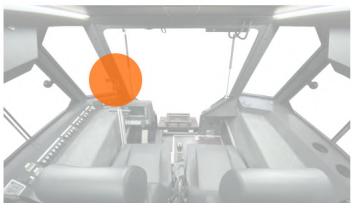
<p>ROPS (rollover protection system)</p>		
<p>CORDURA® fabric interior cover</p>		
<p>Rear view camera</p>		
<p>Towing hitch integrated in front and rear bumpers 2 pcs</p>		
<p>Integrated front and rear footboards 2 pcs</p>		


Name	Photo	Location
<b>Additional options</b>		
Additional rear LED lights 2 pcs incl. mounting		
Front LED roof light bar incl. mounting		
Easily removable LED searchlights with remote control - 2 pcs incl. mounting		
Location and mounting for removable LED searchlights		
LED rechargeable lights 2 pcs incl. mounting		
Location and mounting for LED rechargeable lights		
Special light and sound signaling device incl. mounting		
Location and mounting for special light and sound signaling device		

<p>LED stroboscopes with stainless steel protection 8 pcs incl. mounting</p>		
<p>Location and mounting for stroboscopes</p>		
<p>Radio set incl. mounting</p>		
<p>Location and mounting for radio set</p>		
<p>Box for professional first-aid kit incl. mounting</p>		
<p>Location and mounting for first-aid kit box</p>		
<p>Extinguisher - 2 pcs incl. mounting</p>		
<p>Extinguisher - 2 pcs incl. mounting into the box</p>		
<p>Location and mounting for extinguishers</p>		



<p>Storage net - 2 pcs incl. mounting</p>		
<p>Life jackets (color - orange) - 6 pcs incl. mounting</p>		
<p>Location and mounting for life jackets incl. mounting</p>		
<p>Rescue stretcher with helicopter fastening system for transportation of victims - 2 pcs incl. mounting</p>		
<p>Removable back seats with adjustable seatbelts 2 pcs incl. mounting</p>		
<p>Rescue stretcher with helicopter fastening system for transportation of victims incl. mounting</p>		
<p>Removable back seats with adjustable seatbelts 4 pcs incl. mounting</p>		
<p>Set of the professional entrenching tool (shovel - 2 pieces, pickaxe - 1 piece, hammer ax - 1 piece) incl. mounting</p>		
<p>Location and mounting for set of the professional entrenching tool</p>		

<p>Heat-resistant rescue rope (30 m)</p>		
<p>Canisters for liquids 20 L (5,28 gal) each - 2 pcs incl. mounting</p>		
<p>Location and mounting for canisters for liquids</p>		
<p>Baggage rack incl. mounting</p>		
<p>Overhead lockers incl. mounting - 2 pcs W x H x L 460 x 320 x 2350 mm</p>		
<p>Side mirrors - 2 pcs incl. mounting</p>		
<p>Set of side-view cameras 2 pcs incl. mounting</p>		
<p>Navigation incl. mounting</p>		
<p>GPS speedometer</p>		

<p>Air-conditioner incl. mounting</p>		
<p>Set of stainless steel guards for lighting devices</p>		
<p>Protective subframe (enables installing additional equipment) incl. mounting</p>		
<p>Winch incl. mounting</p>		
<p>Tires studding</p>		
<p>Side windows 2 pcs incl. mounting</p>		
<p>Side windows 4 pcs incl. mounting</p>		
<p>Universal cargo trailer</p>		
<p>Customized painting / wrapping</p>		

SPTA SET N°1 - Travel Kit		
SPTA SET N°2 - Customer Kit		