



PARS 4x4 Technical Specifications

Data subject to change without notice.

GENERAL	
Power-to-weight Ratio	25 Hp/ton
Crew	4
Length	5 m
Width	2.6 m
Height Overall	3.1 m
Height Hull Roof	2.1 m
Air Transportation	C-130H, A400, C-17, C-5

MOBILITY	
Engine	Diesel
Transmission	Fully Automatic
Max. Road Speed	110 km/h
Range	> 700 km
Gradient	70%
Side Slope	40%
Vertical Obstacle	0.4 m
Trench Crossing	0.8 m
Turning Radius	7.5 m
Amphibious Capability	Standard
Max. Water Speed	6.5 km/h
Suspension System	Double Wishbone, Independent and Helical Spring
Number of Axles	2
Driven Axles	All Wheel Drive
Service Brakes	Hydraulic and ABS at Each Wheel
Parking Brakes	Integral to Driveline, Spring Activated, Hydraulically Released

PROTECTION & LIFE SUPPORT SYSTEMS	
Ballistic Protection	STANAG 4569 (Level Classified)
Mine Protection	STANAG 4569 (Level Classified)
Smoke Grenade Dischargers	8
Automatic Fire Suppression System	Standard
CBRN Protection System	Standard
A/C and Heater	Standard

ARMAMENT	
Main Armament (Opsion 1)	ARCT Anti-Tank Remote Controlled Turret that can be armed with KORNET-E, MIZRAK-O, SKIF and other missiles & 7.62 mm Co-Axial MG
Main Armament (Opsion 2)	SANCAK RWS <ul style="list-style-type: none"> • Stabilised and Day/Night • Ballistic Protected • Universal Mount <ul style="list-style-type: none"> • 12.7 mm MG • 7.62 mm MG • 40 mm AGL
Main Armament (Opsion 3)	SANCAK-30 <ul style="list-style-type: none"> • 30 mm Automatic Cannon
Secondary Armament (Coaxial)	7.62 mm MG
Fire Control System	<ul style="list-style-type: none"> • Thermal Camera - Day Camera • Laser Range Finder • Gunner Control System • Stabilised Electric Turret Drive

MISSION EQUIPMENT	
Command and Control System	Standard
Navigation System	Standard
Communication Equipment	VHF/UHF Radios Crew Intercommunication System
Electrical System	MIL STD 1275, MIL STD 461
Auxiliary Power Unit (APU)	Standard

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PARS 4x4

WHEELED ARMoured COMBAT VEHICLE (WACV)

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WHEELED ARMoured COMBAT VEHICLE (WACV)



OVERVIEW

The PARS 4x4 is designed to undertake special operational roles such as advanced surveillance, anti-tank and command and control.

The PARS 4x4 has a power-to-weight ratio of 25 Hp/ton, a low silhouette and amphibious capabilities. The vehicle with its crew of 4 can operate in deep and fast flowing waters without any preliminary preparation. Two propellers located at the rear provide the vehicle's enhanced propulsion and manoeuvrability in the water.

The PARS 4x4 can operate on any rough terrain with a low centre of gravity, fully independent suspension system, ABS-assisted hydraulic disc brakes, low ground pressure and increased angles of approach and departure. The PARS 4x4 can climb 70% vertical slopes and can hold on 40% side slopes. It can also overcome 0.4 meters high vertical obstacles with ease. Thanks to the hydraulic recovery winch, located at the front of the vehicle, it has the ability to provide self-recovery when required.

The mobility of the PARS 4x4 is enhanced by its central tire inflation system, and it also has a run flat capability thanks to its in-tire solid disc system. The PARS 4x4 can reach a maximum speed of 110 km/h on road and has a range of 700 km. It is fitted with an automatic transmission with an axle lock to enhance mobility on slippery surfaces and soft soil.



The driver's cabin features a transparent ballistic armour which offers a wide field of view for both the driver and the crew. The PARS 4x4 also provides the driver and the commander with integrated night and day vision cameras that enable operations in the dark with or without using blackout lights. The command and warning panels and the height-adjustable mine-protected seats have been specifically developed for the commander, driver, gunner and dismounts.

The vehicle is made of a ballistic hull, which provides protection against mines and improvised explosive devices (IED).

With its remarkable payload capacity, open architecture, and significant design, the vehicle is capable of carrying out various missions.



PARS 4x4
Sensor Reconnaissance Vehicle



PARS 4x4
with KORNET-E ARC-T



PARS 4x4
with OMTAS ARC-T



PARS 4x4
with SANCAK-30 mm RCT



Watch the Video