



PARS SCOUT 8x8 Technical Specifications

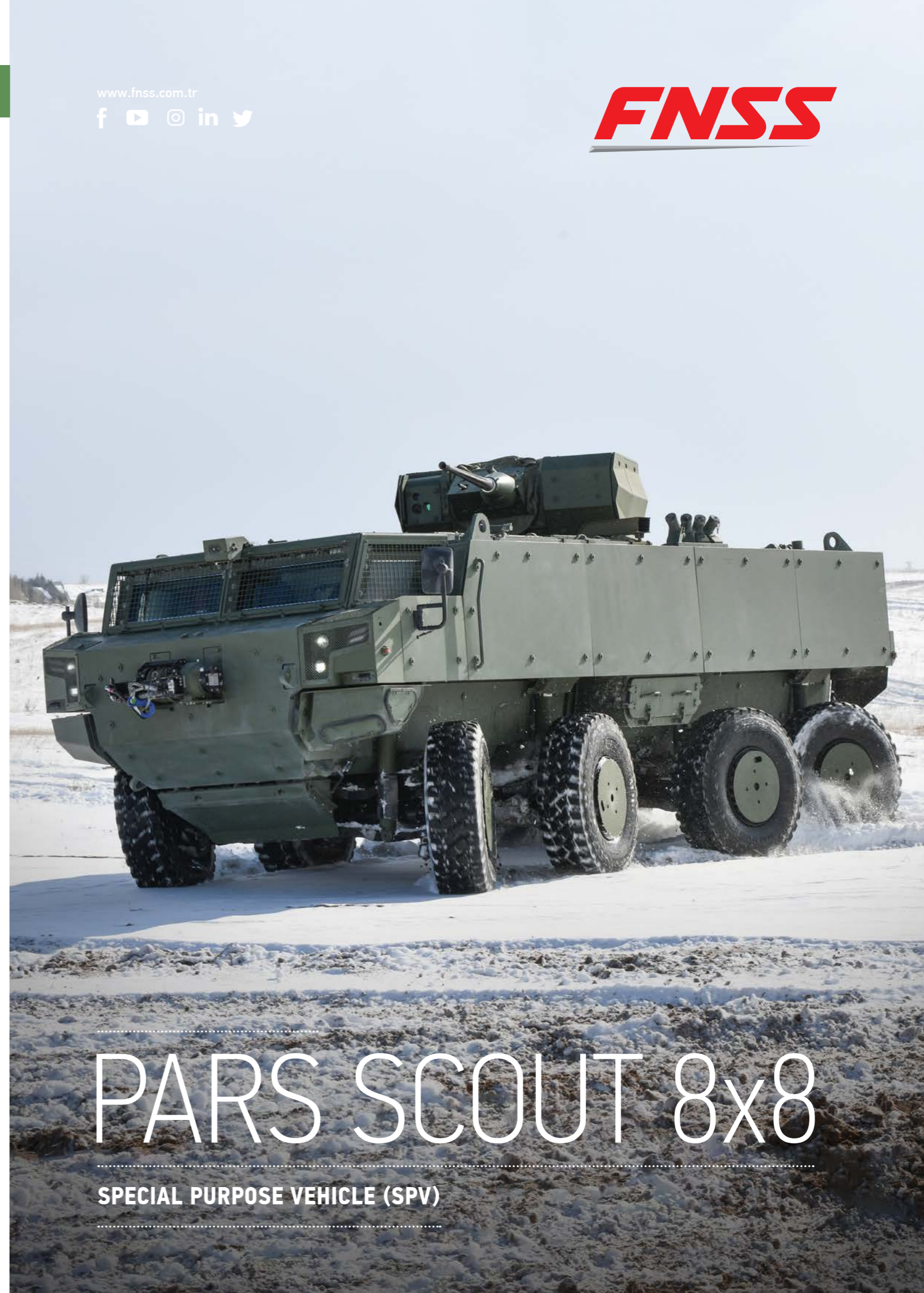
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GENERAL	
Power-to-weight Ratio	20 Hp/ton
Length	< 9 m
Width	< 3 m
Height Hull Roof	< 2.5 m
Air Transportation	A400M, IL-76 and AN-124
MOBILITY	
Engine	Diesel
Transmission	Fully Automatic, 6 Forward, 1 Reverse
Max. Road Speed	100 km/h
Range	> 800 km
Gradient	60%
Side Slope	30%
Angle of Approach	> 42°
Angle of Departure	> 35°
Vertical Obstacle	0.7 m
Trench Crossing	2 m
Turning Radius	< 8,5 m
Fording Depth	1.7 m
Suspension System	Independent, Double Wishbone, Hydro-Pneumatic Suspension with Ride Height Control

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

ARMAMENT	
Type	Manned and Remote Controlled Turrets and Missile Systems from Various Types and Origin Can be Integrated

MISSION EQUIPMENT	
360° Situational Awareness	Standard
Driver Vision System	Standard
Battlefield Management 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)	Optional



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PARS SCOUT 8x8

SPECIAL PURPOSE VEHICLE (SPV)



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OVERVIEW

The PARS SCOUT is the new member of the PARS vehicle family. These special purpose tactical wheeled vehicles provide high mobility in all terrain conditions and superior ballistic and mine protection and are equipped with modern technologies, providing strategic advantages to their users, including a high situational awareness. The PARS SCOUT 6x6 and 8x8 are designed especially for reconnaissance and internal security operations.

The PARS SCOUT 8x8 modern tactical wheeled armoured combat vehicle is designed to be used in low and high-intensity scenarios, offering strategic advantages to the user thanks to its unique features, and incorporate the most advanced technologies. PARS SCOUT 8x8 has a power-to-weight ratio of 20 Hp/ton (includes payload), and reaches a maximum road speed of up to 100 km/h and is capable of manoeuvring on 60% vertical and a 30% side slope, climbing 0.7 meters high obstacles and crossing the 2 meters trenches.

Thanks to the engine layout and its balanced design, the vehicle's axle loads are almost equal. This design approach provides the vehicle with the ability to move comfortably even on loose and rough terrain while also providing maximum control at high-speed and short braking distances. The central tire inflation system (CTIS) allows the driver to adjust tire pressure to suit different terrains.

PARS SCOUT 8x8

SPECIAL PURPOSE VEHICLE (SPV)



Under favour of hydro-pneumatic suspension system, the vehicle has the best road holding and ride height for different road conditions. PARS SCOUT 8x8's turning radius and the tire wear are minimized thanks to AWS (All Wheel Steering) System. PARS SCOUT 8x8 has a range of over 800 km, and it has under-armour protected fuel tanks. The vehicle is fitted with run-flat tires and with a self-recovery winch.

The driver compartment at the front of the vehicle is protected by ballistic glass, and provides a wide horizontal field of view, high driving safety, situational awareness and comfort. In addition, the glasses are adapted to winter conditions by heating system equipments.

The large ballistic windscreen, and the day/night cameras located at the front and rear give the driver and commander a wide field of view. Inside the vehicle doors and hatches, personnel seats and lighting elements are designed to provide comfort to personnel.

The PARS SCOUT 8x8 hull can be brought to the level of protection required thanks to its modular-designed armour system. The hull shape, underbelly structure, bottom plates and specially developed mine-resistant seats are designed to protect personnel against high-level mine threats.

The modular connection of the vehicle subsystems to its mine-resistant hull ensures ease of maintenance and quick replacement, which makes it superior to its counterparts.

PARS SCOUT 8x8 is designed in accordance with the integration of Manned or Remote Controlled Towers and Missile Systems, according to vehicle usage needs.

PARS SCOUT 8x8 Vehicle, which has a high locality rate, has domestic gearboxes designed and developed by FNSS with its own resources. Also, many sub-systems in the vehicle, especially the suspension system, are developed with domestic and national resources. PARS SCOUT 8x8 is otherness with the both personnel carrying and satisfy the expectation of modern armoured vehicle.



PARS SCOUT 8x8
Sensor Reconnaissance Vehicle



PARS SCOUT 8x8
CBRN Reconnaissance Vehicle



PARS SCOUT 8x8
Armoured Combat Vehicle



Watch the Video