

PARS IV 8x8 New Generation Wheeled Armoured Vehicle is Ready for Duty

FNSS started its PARS IV 8x8 New Generation Wheeled Armoured Vehicle design studies in 2019 by evaluating the future requirements of the Turkish Land Forces within the scope of the New Generation Vehicles Project carried out by the Presidency of Defence Industries. Considering the technical features that have evolved according to today's needs and the demands from allied armies, the vehicle, which was designed and produced with FNSS' own resources and will be exhibited at IDEF 2021.

Since the early 2000s, the PARS vehicle family has been renewed in order to adapt to different combat environments, and has been updated to accommodate constantly developing technologies and to offer tactical advantages to its users in the battlefield. The latest member of the PARS vehicle family, the PARS IV 8x8 New Generation Wheeled Armoured Vehicle, was developed to adapt to today's hybrid warfare conditions where asymmetric threats are in question, by taking conventional warfare elements into account.

The elements that determine the operational capabilities of PARS IV 8x8 in the field; protection, firepower, mobility and electronic infrastructure systems were adapted to current conditions. Thanks to its modular structure, the PARS IV 8x8 has been designed to be able to be produced in different variants that can serve as infantry fighting vehicle, reconnaissance, command and control, personnel carrier, mortar carrier, combat engineering, CBRN and recovery vehicles.

Thanks to the modularly designed armour system and special hull design, which has the highest ballistic, mine and IED protection in its class; protection level of the vehicles can be increased in case of user requirement.

PARS IV 8x8 can operate day and night in all terrain and weather conditions. The two-man driver cabin in front of the vehicle provides more than 180 degrees of visibility and a high level of driving safety under armour. Panoramic periscopes in front of the vehicle, as well as the thermal cameras located in the front and the rear, provide a wider field of vision to the driver and commander. In this way, it is possible to perform all tasks safely under armour protection, without opening the hatch. The power unit is supported by the PARS IV 8x8's superior mobility, balanced load distribution and fully independent, height-adjustable, hydro-pneumatic suspension designed to support the necessary manoeuvres in all kinds of difficult conditions. Thanks to the all-wheel steering system, the vehicle, which has the ability to turn in a radius as long as its length, can easily manoeuvre in urban areas.

The vehicle, which is prepared for the test and evaluation process to be carried out by the Presidency of Defence Industries and the Land Forces in the coming period, will be evaluated on paper as well as being subjected to ballistics, mine, IED and mobility tests.

The vehicle is produced by considering the requirements of different allied armies and blended with the high mobility capabilities of the PARS family. With its capacity to adapt to all kinds of environmental conditions and engage multiple threats in a short time, The PARS IV

8x8 New Generation Wheeled Vehicle is ready for duty as the most protected configuration of its family.

PROTECTED MOBILITY AT YOUR SERVICE!

A GLOBALLY TRUSTED AND RESPECTED TURKISH DEFENCE COMPANY

FNSS is a globally recognized land systems company that specializes in designing and producing wheeled and tracked armoured combat vehicles as well as combat engineering vehicles, turrets and sustainability solutions. As the preferred solution provider of users in various countries, the Company has delivered thousands of armoured combat vehicles worldwide.

ADDING VALUE THROUGH INNOVATIVE SOLUTIONS

Thanks to its competent and dynamic workforce, FNSS offers innovative solutions throughout the entire product life cycle; from the design phase to the end of service life. Ever since the first roll-out in 1990, the Company has continuously improved its vehicle design and production capabilities in line with the requirements of its users. FNSS' KAPLAN class tracked armoured product family and PARS wheeled armoured vehicles are poised to shape new generation combat vehicle trends well into the 21st century.

MEETING USER EXPECTATIONS

FNSS designs and develops customized solutions to meet the requirements of each user. The key to FNSS' success in delivering tailored products within requested time frames lies in its flexible approach to project management. This is complemented by its ability to orchestrate an extensive supply chain and a wide range of global partnerships. FNSS has successfully engineered and supplied numerous products addressing unique requirements. These vehicles have been designed, manufactured and delivered to armies worldwide by FNSS' user-centric business models and tailored solutions.

BUILDING THE FUTURE WITH CONFIDENCE

FNSS products have been challenged by countless user endurance tests in the toughest conditions, and have proven themselves in combat missions. FNSS views user satisfaction as a permanent concept, and strives to ensure that its products serve beyond their life cycles by addressing any emerging needs throughout their use. FNSS also makes a difference by generating significant value for its international users through localization packages that include employing local labour, establishing domestic supply chains, and providing in-country training and technology transfer. Building upon its over 30 years of heritage in the defence industry, FNSS continues to add value to its users by creating innovative solutions.

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