



KAPLAN APC Technical Specifications

Data subject to change without notice.

GENERAL	
Power-to-weight Ratio	>22 Hp/ton
Crew	13 (Incl. Gunner, Driver & Commander)
MOBILITY	
Engine	Diesel
Transmission	Automatic
Max. Road Speed	70 km/h
Range	450 km
Gradient	60%
Side Slope	30%
Vertical Obstacle	0.9 m
Trench Crossing	2.2 m
Track System	Steel Tracks with track adjuster and Replaceable Pads / Composite Rubber Track
Suspension System	Torsion Bar

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

ARMAMENT	
Turret Type	Manned or unmanned turret systems
Main Armament	From 12.7 to 40 mm Automatic
Secondary Armament (Coaxial)	7.62 mm MG
Traverse	360° Continuous

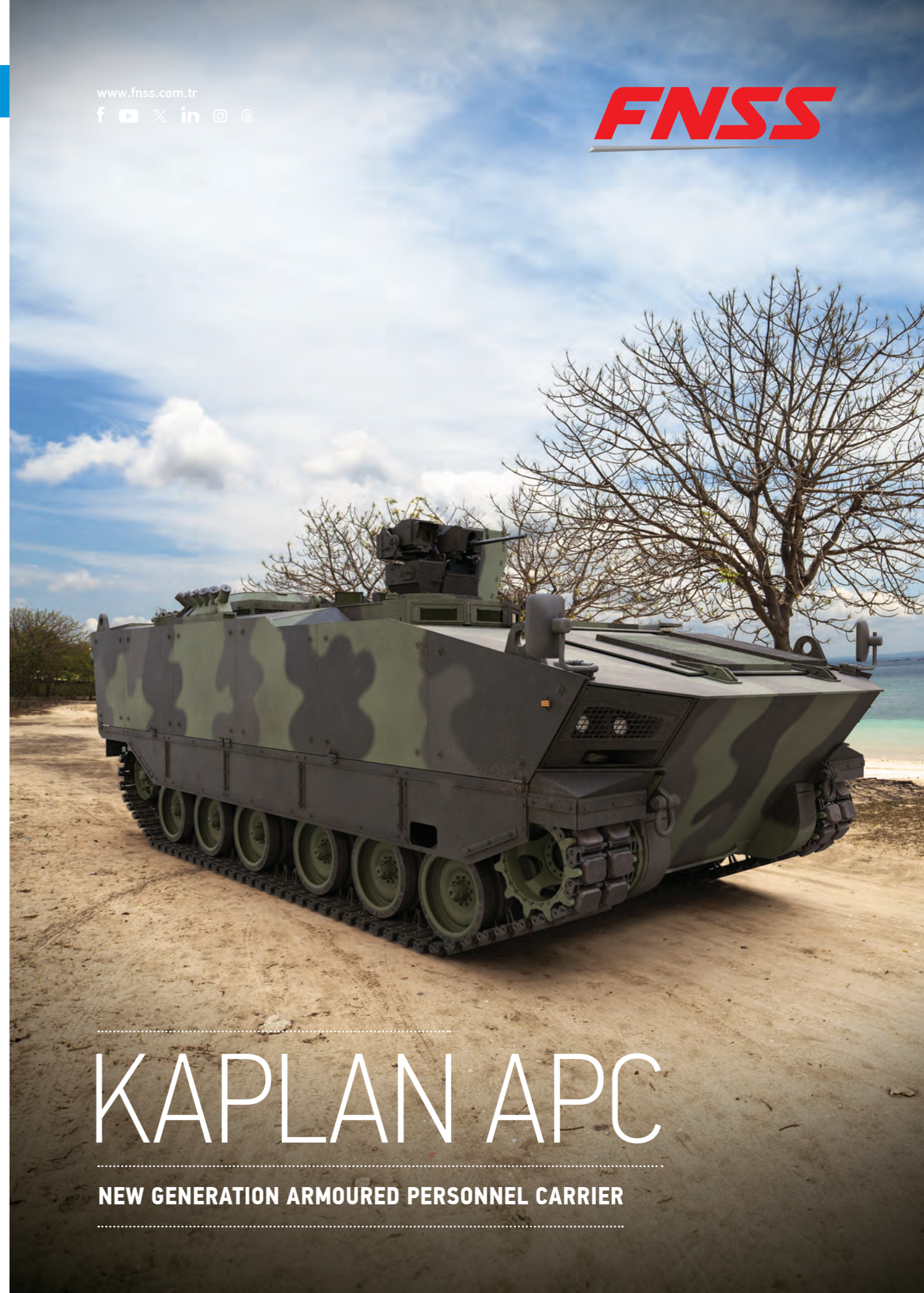
MISSION EQUIPMENT	
360° Situational Awareness System	Standard
Driver Vision System	Standard
Battlefield Management System	Standard
Navigation System	Standard
Electrical System	24 V
Auxiliary Power Unit (APU)	Optional



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KAPLAN APC

NEW GENERATION ARMoured PERSONNEL CARRIER



OVERVIEW

KAPLAN APC is a new generation tracked platform designed by FNSS to meet the requirements of the future battlefield. KAPLAN APC design architecture provides a high level of battlefield survivability that includes advanced ballistic, best-in-class mine protection systems and adequate firepower. Kaplan APC is a unique example of FNSS experience and excellency in tracked vehicle design and benefits from all improvements of Kaplan MT development.

The vehicle capable of carrying 13 soldiers including gunner, driver & commander. It has the ability to move at high speed on roads or cross-country terrain, and can operate in all kinds of climate. The advanced suspension system is designed to reduce vehicle vibration and increase road holding. It has an open-architecture vehicle electronics infrastructure that allows easy integration of different mission equipment's such as Battlefield Management System and 360-degree situational awareness cameras that provide both day and night vision for crew and dismounts.

KAPLAN APC is equipped with modular survivability systems to offer an effective solution to the changing threats of the battlefield. It is fitted with protection packages against ballistic, mine and improvised explosive threats. KAPLAN APC also offers an active protection system option against anti-tank missiles and rocket propelled grenades.

The vehicle incorporates automatic fire suppression system, A/C unit and CBRN defence measures by providing a sealed environment within the vehicle. These features prevent toxic contaminants, enabling crew members to survive and maintain combat efficiency even when the outside environment is hazardous and lethal.

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KAPLAN APC is a modular vehicle, designed with possible integration options for manned and unmanned turret systems, armed with light and medium calibres as well as 120mm mortars and ATGM turrets and weapon systems.

This modular design allows KAPLAN APC to be role-kitted in order to perform full spectrum missions such as mechanised infantry, reconnaissance, command & control, force protection, medical evacuation, recovery, combat engineering and direct or indirect fire support.

All those versions are based on the new generation of common armoured combat vehicle platform, with a power-to-weight ratio of at least 22 hp/ton (depending on configuration), automatic transmission, and the ability to operate with modern main battle tanks.

High level of commonality in parts and sub-systems with Kaplan MT and with other variants in Kaplan tracked vehicle family is an important advantage for Kaplan APC. More over the vehicle also futures common sub systems with FNSS Marine Assault Vehicle (MAV) which is the armoured amphibious platform in-service with the Turkish Navy Marine Infantry Brigade.

Using the common combat proven parts from its family, Kaplan APC has several benefits in terms of reliability, logistics and serviceability. This ability also offers reduced logistics burden, increased mean time between failures (MTBF) and enhanced mission readiness for the users worldwide.