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KAPLAN-10



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OVERVIEW

The KAPLAN-10 is a new generation armored fighting vehicle that has the ability to move together with main battle tanks, taking a 21 Hp/ton power-to-weight ratio, taking into account the weight of the communication system and the automatic transmission. KAPLAN-10 platform design enables all kinds of missions to be performed by integrating different subsystems.

KAPLAN-10 has a low silhouette, and with its twin 5 road wheeled tracks, has the ability to operate in hot/cold weather conditions at high speed not only on asphalt and stabilized highways, but also soft soil, and rough terrain. The advanced suspension track system is designed to reduce vibrations and improve road holding. Access to the vehicle is gained through a personnel door on the ramp or the hydraulic ramp located at the rear of the vehicle. The maintenance and repair of the power pack is carried out via the cabin access hatch and hatches that are at the front of the vehicle. For balance, the two fuel tanks are located at the rear and are fully-armored and isolated from the vehicle to ensure the security of personnel.

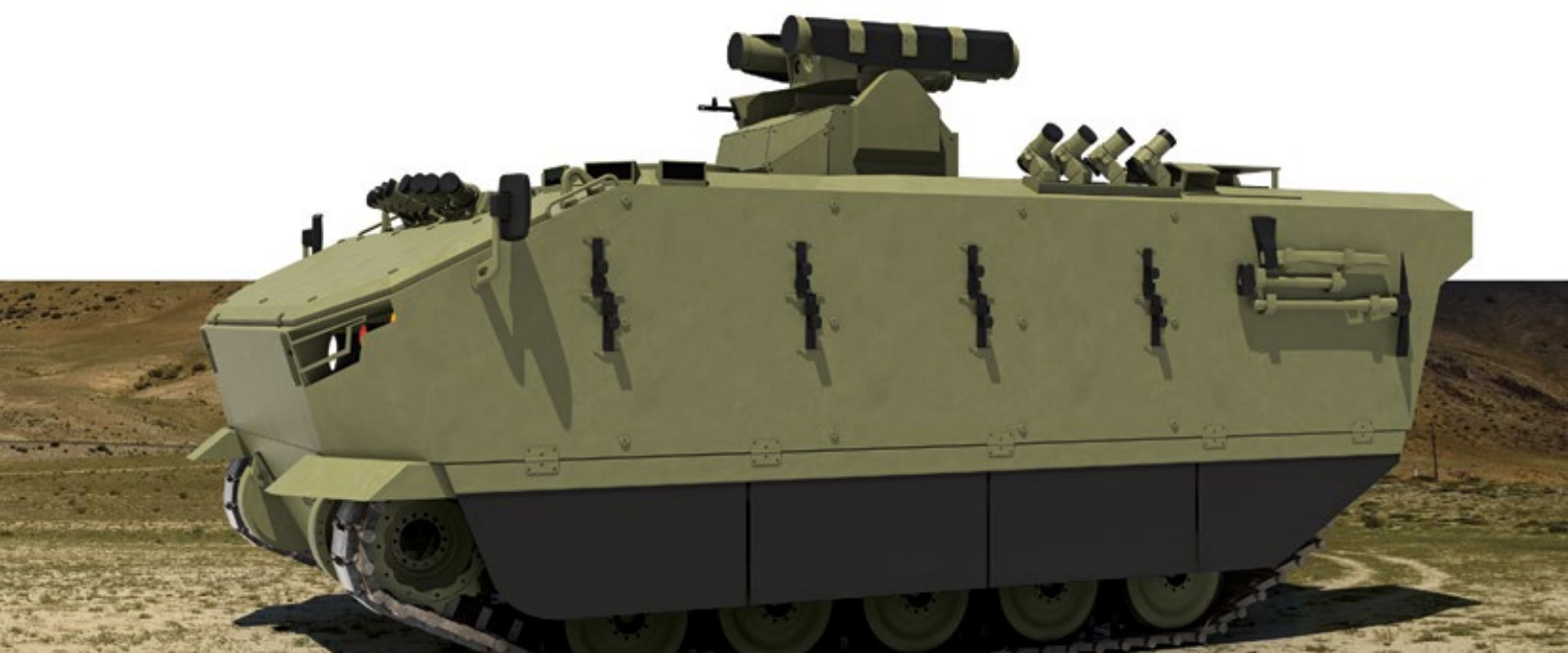
KAPLAN-10 is one of the very few vehicles to have amphibious characteristics. Thanks to the two water propulsion systems located at the rear of the vehicle, KAPLAN-10 can perform in deep and fast flowing waters. In addition to this, the driver is able to enter the water without prior preparation.





The hull of KAPLAN-10 is manufactured and integrated using a ballistic welding technique. The hull is water resistant, together with the hatches, and the lids are water-proofed via seals. While the power pack cabin and the expanded driver area is located at the front of the vehicle, the gunner and the commander areas are located in the middle of the vehicle. The rear part includes the gunner's aid and additional crew sections.

There are also laser-protected glass periscopes that allow the driver to see outside with a wide field of view providing high situational awareness. Integrated night vision systems are standard in all variants.



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KAPLAN-10 TECHNICAL SPECIFICATION

Data subject to change without notice.

GENERAL INFORMATION

Power-Weight Ratio	21 Hp/ton
Engine	Diesel
Transmission	Fully Automatic
Crew	5 (Commander, Driver, Gunner, Gunner's Aid and Additional Personnel)
Length	5.6m
Width	3m
Height Overall	3.1m
Electrical System	24V
Suspension System	Torsion Bar

MISSION EQUIPMENT

Drivers Thermal Sights
Command and Control Information System
Positioning Navigation System
Radio System
Wireless Crew Intercom System
Auxiliary Power Unit

ARMAMENT

Main Armament	Remote Controlled Anti-Tank Missile that can be equipped with KORNET-E and MIZRAK-O Anti-Tank missiles Tank Missile
Coaxial Armament	7.62 mm Machine Gun

MOBILITY

Max Road Speed	65 km/h
Swimming	6.3 km/h
Range	525+ km
Gradient	70%
Side Slope	40%
Trench Crossing	1.8m
Obstacle Climbing	0.75m

FIRE CONTROL SYSTEM

Missiled Anti-Tank Weapons Fire Control System	<ul style="list-style-type: none">• Thermal Camera - Day Camera• Laser Range Finder• Gunner Control System
Stabilized Electric Turret Drive	

PROTECTION SYSTEM

CBRN Protection System
A/C
Automatic Fire Extinguishing System
Blast and Leakage Protected Fuel Cells
Advanced Modular Armor Protection
Mine Blast Protected Seats
Smoke Grenade Dischargers