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KAPLAN MT Technical Specifications

Data subject to change without notice.

GENERAL	
Combat Weight	30,000 kg
Power-to-weight Ratio	>22Hp/ton
Crew	3 (Driver, Gunner and Commander)

MOBILITY	
Engine	Diesel
Transmission	Fully Automatic, 4 Forward, 2 Reverse Gears
Powerpack Location	Rear
Max. Road Speed	70 km/h
Range	450 km
Gradient	60%
Side Slope	30%
Vertical Obstacle	0.9 m
Trench Crossing	2.2 m
Turning Radius	Pivot
Track System	Double or Single Pin
Fording Depth	1.2 m
Suspension System	Torsion Bar

PROTECTION & LIFE SUPPORT SYSTEMS	
Ballistic Protection	STANAG 4569 (Level Classified)
	Modular Add-on Armour Design
Mine 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	
Main Armament	John Cockerill® 3105 105 mm
Ammunition	Main Armament Compatible with All NATO-Standard 105 mm Tank Ammunition
Autoloader	Fully Automatic, 12 Ready-Rounds Capacity
Secondary Armament (Coaxial)	7.62 mm or 12.7 mm MG
Additional Armament (Optional)	Roof-Mounted RWS or Pintle-Mounted MG
Elevation	+42°
Fire Control System	Digital Fire Control, Fully Stabilised Fire on-the-Move, Hunter-Killer and Day & Night Capability, with High First-Round hit Probability

MISSION EQUIPMENT	
Vision Systems	Commander and Gunner Independent Sight, Plus Direct-View Periscopes Gunner Emergency Direct-View Sight
Driver Vision System	Standard
Battle Management Systems	Standard
Navigation System	Standard
Communication Equipment	UHF/VHF Radios Wireless Crew Intercommunication System
Auxiliary Power Unit (APU)	Standard



KAPLAN MT

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OVERVIEW

The new generation KAPLAN MT is the sole and exclusive modern Medium Weight Tank designed with rear powerpack and not a conversion of a variant from an existing IFV.

Its unique design provides the lowest silhouette and highest power-to-weight ratio in its class. Its platform is designed for optimum weight and high mobility performance. The latest technology powerpack combined with advanced electronic controls and the heavy-duty suspension system allow maximum mobility in any battlefield condition. The Auxiliary Power Unit (APU) ensures the availability of continuous power with reduced signature during night operations where the vehicle operates mostly in static position.

The KAPLAN MT's design architecture provides a superior level of battlefield survivability that includes advanced ballistic, best-in-class mine protection systems and adequate firepower, the latter ensuring near-real time response against most battlefield threats.



The interior of the vehicle is engineered with careful consideration of the ergonomics of the crew and different tactical and battlefield conditions including driving, firing and ammunition load/unload. The KAPLAN MT is equipped with day and thermal cameras for the driver, a multi-functional digital driver dashboard and a 3rd generation high performance sighting system for the gunner and commander. In addition, Battlefield Management System (BMS) and Laser Warning System (LWS) are also available to provide tactical and situational awareness for the crew.

The KAPLAN MT is fitted with the latest generation John Cockerill 3105 turret, armed with high-pressure 105 mm Cockerill® gun, which gives it a unique anti-armour punch. The Cockerill® 3105 is the most advanced and capable light 105 mm turret in its class. It is ideal for infantry support and medium weight tank roles. The 3105 has a unique indirect firing capability that permits engagement in urban and other complex terrains.



Watch the Video