MAV Technical Specifications

Data subject to change without notice.

GENERAL	
Power-to-weight Ratio	20 Hp/ton
Crew	21 (Incl. Gunner, Driver and Commander)
Length	8.3 m
Width	3.3 m
Height Overall	3.8 m

MOBILITY	
Engine	Diesel
Transmission	Fully Automatic
Max. Road Speed	70 km/h
Gradient	60%
Side Slope	40%
Vertical Obstacle	0.9 m
Trench Crossing	2 m
Amphibious Capability	Standard
Max. Water Speed	7 knots
Suspension System	Torsion Bar
Steering System	Through Transmission

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

ARMAMENT	
Turret Type	CAKA Remote Controlled Turret (RCT)
Main Armament	40 mm AGL & 12.7 mm MG
Elevation	-7° to +45°, Electrical
Traverse	360° Continuous
Sight System	Day & Night Sight

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	24 V

FNSS Savunma Sistemleri A.Ş.
Ogulbey Mahallesi Kumludere Caddesi No: 11 Golbasi 06830 Ankara - Türkiye
T +90 (312) 497 43 00 **F** +90 (312) 497 43 01 - 02

www.fnss.com.tr

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MARINE ASSAULT VEHICLE

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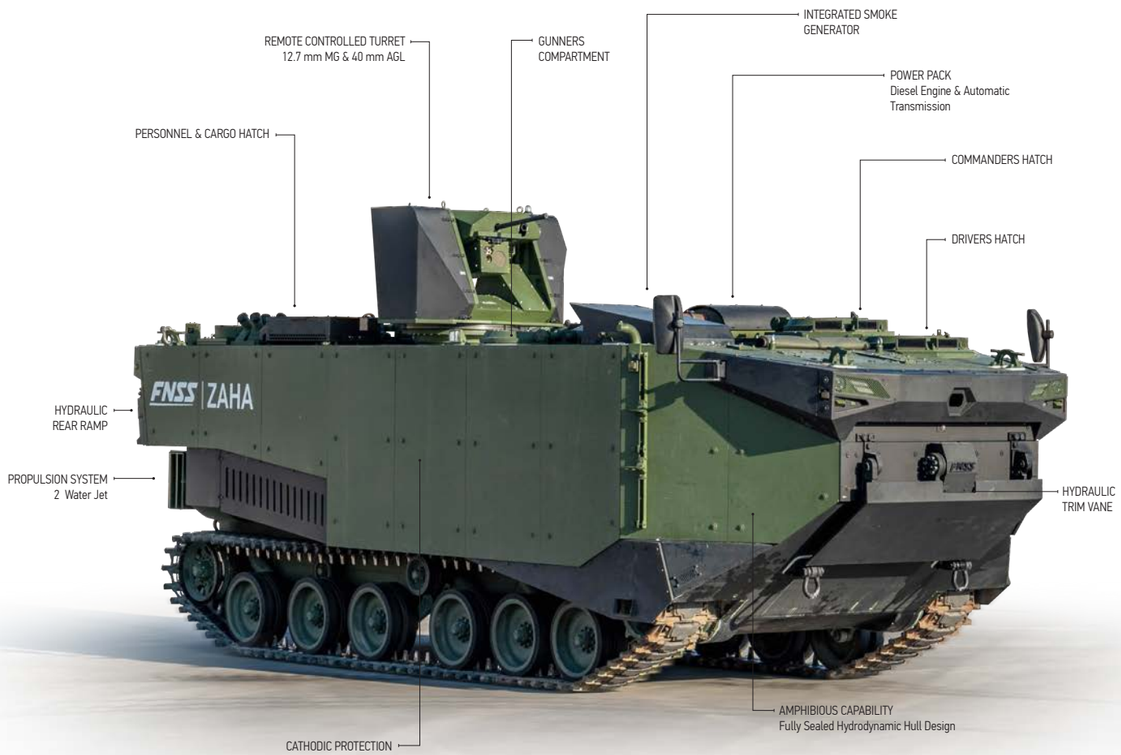
OVERVIEW



The Marine Assault Vehicle (MAV) is the latest technology amphibious vehicle designed by FNSS to meet amphibious operational requirements.

During the beach landing phase of an amphibious operation, these vehicles are launched from landing helicopter docks (LHD) and are able to rapidly cover the distance between the vessel and the shore, allowing marine units to land under armour protection. Once on land, they are able to operate alongside other armoured vehicles. The MAV fire power is provided by the purposely designed CAKA dual remote-controlled turret that can be armed with a 12.7 mm MG and a 40 mm AGL. Designed to support dual operations based on their mission requirements, armoured amphibious assault vehicles need to ensure superior capabilities both at sea and on land. A unique hull design and powerful water jets make the MAV highly mobile in the water with a speed of 7 knots, as well as on land, at 70 km/h maximum speed.

The base vehicle can be configured in different variants such as Personnel Carrier and Command Post. Few navies worldwide possess such a capability.

The FNSS MAV carries the armour protected amphibious fighting vehicle concept into the 21st century. Compared to similar systems, the MAV can be considered superior in the following respects:

- Number of transported personnel,
- Level of ballistic and mine protection,
- New generation remote controlled turret,
- Performances on land and afloat.

Watch the Video

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