

Patria

Armoured Modular Vehicle



Patria AMV

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Versatile modularity combined with excellent mobility, firepower and protection.

Patria has demonstrated the superior mobility of the AMV 8x8 in various environmental conditions all over the world

Selected by:

Poland

Finland

Slovenia

South Africa

United Arab Emirates

Croatia



More Mobility

- State-of-the-art design and engineering
- Fully independent hydropneumatic suspension
- Extremely strong wheel support for high speed off-road driving
- Large wheel size and CTIS for low ground pressure
- High performance power pack



More Firepower

- High payload and large internal volume for carrying weapon systems such as:
 - Small calibre weapon systems
 - Medium calibre weapon systems
 - Nemo or AMOS 120 mm mortar systems
 - 90 and 105 mm turrets
 - AT or AA missile systems





More Protection

- Modular ballistic protection against threats of up to 30 mm APFSDS
- Mine protection tested and verified against 6 kg, 8 kg and 10 kg mines
- NBC protection
- State-of-the art DAS systems

ARMSCOR CERTIFICATE OF PRODUCT VALIDATION

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This is to certify that the Mine Protected Patria (TP-2) Hull has been validated against an 8kg TNH surrogate landmine underneath the Crew Compartment.

Test Number **DEF 2005/166**

has been verified by Armcor in accordance to

Test procedure **DEF2005/504**

Certificate of Validation Number **05522-800-137Q/T01**
for Land Mobility Technologies (LMT) (Pty) Ltd as the
representative of Patria Vehicles Oyj



Quality Representative

Technical Representative

2005/09/07
Date

The AMV family

Basic Model

Versions such as APC, IFV, Command, Ambulance, Reconnaissance, FCV, ATGM



System Platform

with spacious rear compartment for versions such as C⁴I, large ambulance, workshop



Heavy Weapon Platform

is optimised to carry large calibre weapon systems such as 120 mm AMOS / Patria Nemo or 90/105 mm MGS



Technical specifications

Dimensions

Length	7.7 m
Height over hull	2.3 m
Width	2.8 m
Track width	2.5 m
Weight	16000 - 26000 kg

Performance

Max. speed	>100 km/h
Climbing capacity	70 %
Side slope, max.	40 %
Obstacle	0.7 m
Trench crossing	2.1 m
Swimming	6-10 km/h
Fording	2.0 m
Operating radius	600-800 km

Protection

Modular ballistic protection system up to 30 mm APFSDS and mine protection kits effective against blast mines of up to 10 kg according to customers' requirements.

NBC, DAS and fire suppression systems.

Engine

Power output	405 kW
Torque output	2090 Nm

Transmission

Automatic	7 + 1 gears
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Driveline

Driven axles	All wheel drive
Tyres	14.00 R 20 with run flat devices
Brakes	Hydraulically operated disc brakes with ABS
CTIS	

Suspension

Suspension type	Fully independent suspension with double wishbone on every wheel station
Spring type	Hydropneumatic elements, height adjustment optional

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