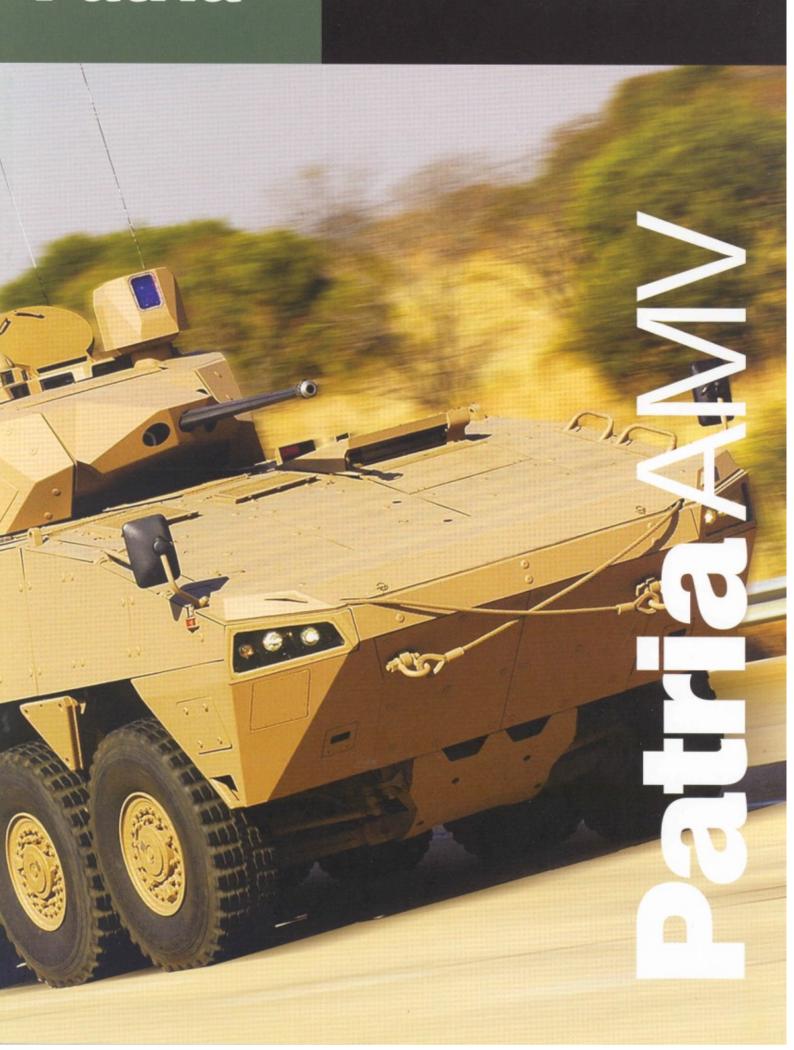
Patria

Armoured Modular Vehicle



Patria AMV

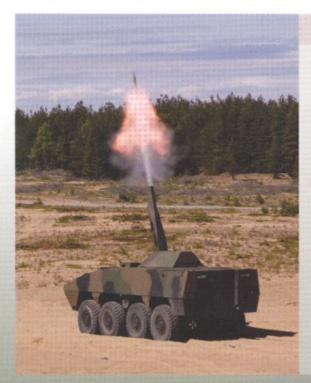
Versatile modularity combined with excellent mobility, firepower and protection.





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



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

405 kW Power output Torque output 2090 Nm

Transmission

Automatic 7 + 1 gears

Driveline

Driven axles All wheel drive 14.00 R 20 with run flat devices Tyres

Brakes Hydraulically operated disc brakes with ABS

CTIS

Suspension

Suspension type Fully independent suspension with double

wishbone on every wheel station

Hydropneumatic elements, height Spring type

adjustment optional

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