

**Patria**



**Patria**AMV

Armoured Modular Vehicle



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# PatriaAMV

Versatile modularity combined with excellent mobility, firepower, protection and interoperability.

Patria has demonstrated the superior mobility of AMV 8x8 in various environmental conditions all over the world and has become the undisputed market leader in its class of modern armoured wheeled 8x8s.

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## Selected by:

Finland

Sweden

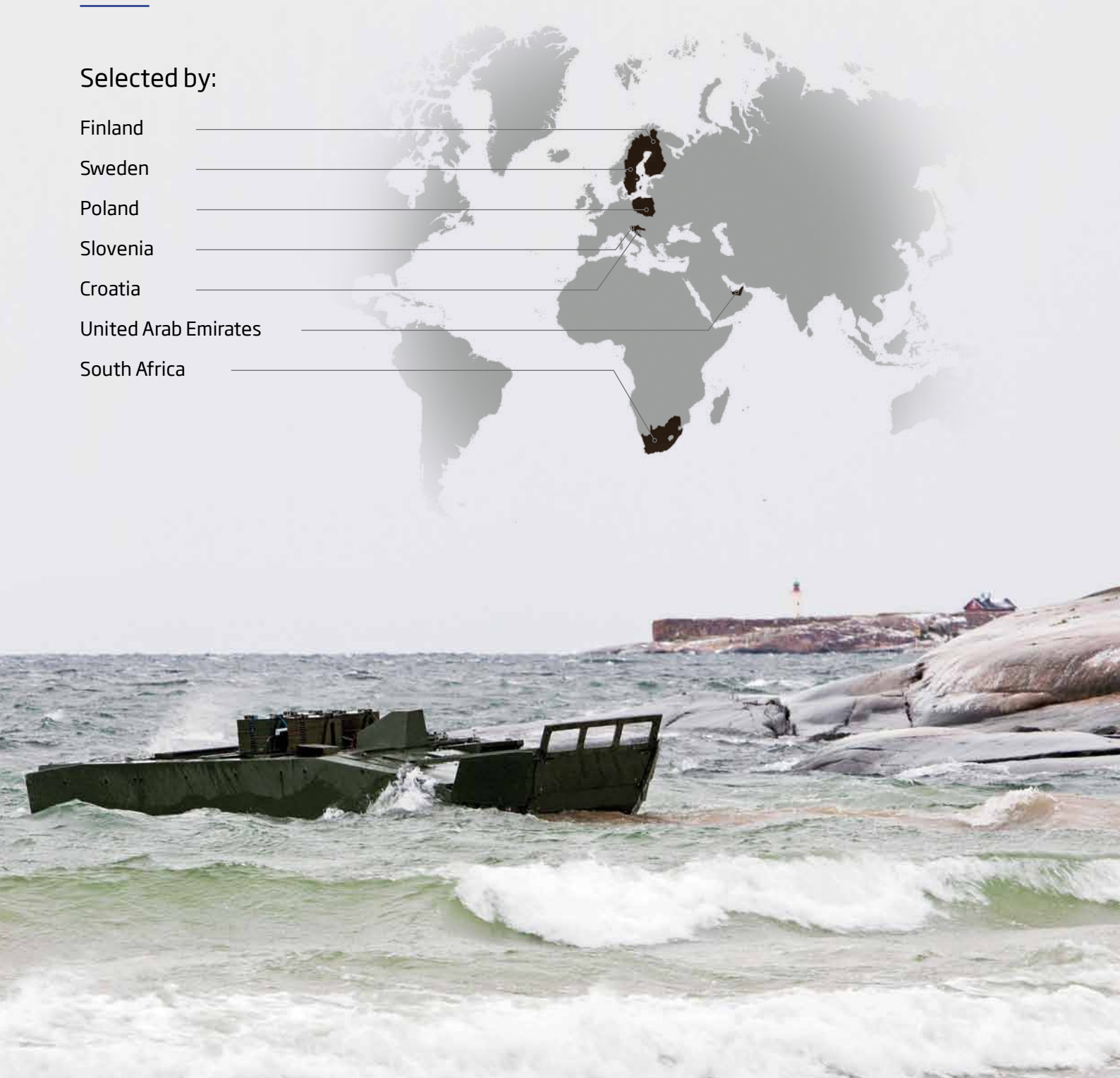
Poland

Slovenia

Croatia

United Arab Emirates

South Africa



## ▶ 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 from 5,56 mm MGs to 12,7 mm HMGs
  - » Medium calibre weapon systems from 25 mm to 50 mm
  - » Patria Nemo or AMOS 120 mm mortar systems
  - » 90 and 105 mm turrets
  - » Anti-Tank or Anti-Aircraft missile systems



## ▶ More Protection

- » Modular ballistic protection against threats of up to 30 mm APFSDS
- » Mine protection tested and verified against up to 10 kg mines (STANAG level 4)
- » IED protection
- » NBC protection
- » State-of-the-art active defence systems



## ▶ Interoperability

- » Ever increasing number of user nations can enjoy the interoperability of Patria AMV product family while deploying troops to international peacekeeping and crises management missions.



Different versions are based on two different hull lengths.

## Basic Model

Versions such as APC, IFV, Command, Ambulance, Reconnaissance, Anti-Tank, Recovery, Patria Nemo



## High Roof Model

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 or 90/105 mm MGS



## Technical specifications

### Dimensions

- » Length: 7.9 m (8.3 m with longer hull)
- » Height over hull: 2.4 m (2.7 m with high roof version)
- » Width: 2.8 m
- » Track width: 2.5 m
- » Weight: 17000 - 27000 kg

### Performance - Basic model shorter hull

- » Max. speed: >100 km/h
- » Climbing capacity: 60 %
- » Side slope, max.: 30 %
- » 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 as well as IED-protection according to customers' requirements.
- » NBC, DAS and fire suppression systems.

### Engine

- » Power output: 405 kW
- » Torque output: 2090 Nm

### Transmission

- » Automatic: 7 + 1 gears

### 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