

# **Patria 6X6**

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Patria 6x6 provides modern protection and extreme mobility.



**Protected Mobility and Defence Systems**

Protected Mobility and Defence Systems



Through Life Capability



Battlefield and Critical Systems



## EXTREME SURVIVABILITY

Finland is known for high technology and extreme resilience. The harsh nature and limited resources have pushed us to learn and innovate efficiently. Thorough preparation for the future is the backbone of our culture.

Patria has grown from its Finnish heritage to a modern and international defence and technology company with over 100 years of experience. We use resources wisely, create innovative solutions and build intelligent systems that provide extreme survivability in any condition. We work with our customers throughout the entire lifecycle to ensure maximum value. Honest and straightforward co-operation is at the core of our work.

We build exceptional partnerships that last through critical operations. That's what it takes when you stand for your sovereignty.

Trust us, we have been there.

## ULTIMATE AVAILABILITY

Optimize and extend your fleet availability with our digital solutions and new advanced capabilities. We have the widest experience of the market from different platforms in all domains.

Our commitment to your fleet on land, in the air and at sea means that we are with you throughout the entire lifecycle. We lead platform-independent, large-scale integration and upgrade programmes.

Your personnel are always well prepared with our systematic training. Seamless collaboration with your organization and partners creates the best price and quality ratio and ultimate fleet availability for you.

We know what is needed to keep your fleets fully optimized and operational.

**Patria - Extreme conditions embedded.**



In modern warfare, the need for protected tactical troop transportation is still existing. Patria 6x6 is built on the heritage of Patria's iconic armoured wheeled vehicles that has been used in various peacekeeping and crises management missions.

**Patria 6x6** is modular and high-performance, while simple, robust and affordable to provide this tactical capability in larger fleet quantities. It provides modern protection capability and high mobility. Its modular design allows a wide variety of specific configurations for diverse missions. Patria provides ultimate security of supply via technology transfer programme, local manufacturing concept, and through-life support together with local partners.

## Mobility

Robust and fully independent suspension, together with high performance drive line, ensures unforeseen mobility and crew comfort in the 6x6 category.

Patria 6x6 carries up to 10 soldiers in the rear plus a crew of two (driver and commander) in the front cabin; all their equipment being hosted inside the protected hull, and equipment being based on a 72-hour mission requirement.

The vehicle has mobility optimised continuous all-wheel drive and steering by two front axles. Amphibious capability for water crossing and amphibious operations is available as an option.

## Survivability

STANAG level 2 ballistic and mine protection is optimized solution for protected troop transport and combat support roles. High payload capability ensures that there is enough payload even for optional enhanced STANAG level 4 ballistic and mine protection on various role variants.

High level of protection, unique mobility and the latest technology bring Patria 6x6 to deliver state-of-the-art protected troop transport capabilities to face the highest demands.

## Versatile and easy to use

Patria 6x6 is primarily designed for troop transport roles (APC) while suitable to be configured for other combat support roles as well, such as Company Command vehicle, Medical Evacuation vehicle, Heavy APC and finally, the 120 mm Patria Nemo mortar system.

An intuitive, truck-like user interface, good visibility and large internal volume make it easy to train, maintain and operate.

## Affordability

Affordability in procurement together with low through-life costs throughout the long expected service life, more than 30 years, have been design guidelines for Patria 6x6. Basic vehicle design focuses on essential capabilities, and the configuration is completed with optional features to meet specific user needs.

Vehicle maintenance, repair and system upgrades have been taken into account, as well as readiness to wireless data transfer for fleet management solutions. We guarantee reliable maintenance services that respond to future needs through Patria's OPTIME solutions. All this makes Patria 6x6 an affordable and highly reliable armoured wheeled vehicle.



## Technical specifications

### Dimensions

Length	7,5 m
Height over hull	2,5 m
Width	2,9 m
Track width	2,5 m
Max. payload	8 500 kg
Max. combat weight	24 000 kg

### Performance

Max. speed	>100 km/h
Climbing capacity	60 %
Side slope	30 %
Obstacle	0,6 m
Trench crossing	1,2 m
Swimming (optional)	6-8 km/h
Fording	1,5 m
Operating distance	>700 km

### Protection

Modular ballistic, mine and IED-protection system according to customers' requirements. STANAG level 2, optional level 4. Readiness for future protection technologies

### LED-light technology

High performance, maintenance free LED lights

### Engine

Power output	294 kW
Torque output	1870 Nm
Engine type	5 in-line diesel

### Transmission

Automatic	7 + 2 gears
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### Driveline

Driven axles	All wheel drive
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### Brakes

Pneumatically controlled hydraulic disc brakes with ABS	
CTIS	Optional

### Suspension

Suspension type	Fully independent suspension with double wishbone
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Spring type	Coil springs with hydraulic shock absorbers, optional hydropneumatic springs
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### Steering

Steering type	Hydraulically assisted steering with mechanical linkage for 1st and 2nd axle
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# Patria

When if is not an option.

[www.patriagroup.com](http://www.patriagroup.com)