

Patria

Armoured Wheeled Vehicle

Patria 6x6



Patria6x6

In modern warfare, the need for large tactical troop transportation is still existing. Patria 6x6 vehicle is built on the heritage of legendary Patria XA series as well as on the success of Patria AMV 8x8 that have become an iconic part of the various peacekeeping and crises management missions and transporting soldiers.

Patria 6x6 is modular and high-performance, but at the same time simple, robust and affordable to provide this tactical capability in larger fleet quantities. It provides modern protection and extreme mobility.



Mobility

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

Patria 6x6 carries up to 10 dismounts plus a crew of two, driver and commander, in the front cabin, or 8-9 dismounts and a crew of three, driver, commander and gunner; 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 front two axles. Amphibious capability for water crossing and amphibious landing operations is available as an option.

Survivability

High payload capability ensures the protection level STANAG level 4 is available to the vehicle. Patria 6x6's modular design allows a wide variety of specific configurations for diverse missions.

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

Affordable

Originally, Patria 6x6 was designed for troop transport, which allowed Patria to work on a dedicated target that was based on the use of the vehicle. This has led to a high reliability and affordable armoured wheeled vehicle that enables also various other vehicle variants.

The vehicle is cost-effective in addition to low through-life costs. With a truck-like user interface, it makes the vehicle simple to operate, maintain and repair.

Our local manufacturing concept is possible also for Patria 6x6.





Technical specifications

Dimensions

| | |
|--------------------|-----------|
| Length | 7,5 m |
| Height over hull | 2,5 m |
| Width | 2,9 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) |
| 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 as well as future soldier equipment

LED-light technology

High performance, maintenance free LEDlightstechnologies as well as future soldier equipment

Engine

| | |
|---------------|----------|
| Power output | 294 kW |
| Torque output | 1870 Nm |
| Engine type | 5 inline |

Transmission

| | |
|-----------|-------------|
| Automatic | 7 + 2 gears |
|-----------|-------------|

Driveline

| | |
|--------------|---|
| Driven axles | All wheel drive |
| Brakes | Pneumatically controlled hydraulic disc brakes with ABS |
| CTIS | Optional |

Suspension

| | |
|-----------------|--|
| Suspension type | Fully independent suspension with double wishbone on every pneumatic springs |
| Spring type | Coil springs with hydraulic shock absorbers. |

Steering

| | |
|---------------|--|
| Steering type | Hydraulically assisted steering with mechanical linkage for 1st and 2nd axle |
|---------------|--|