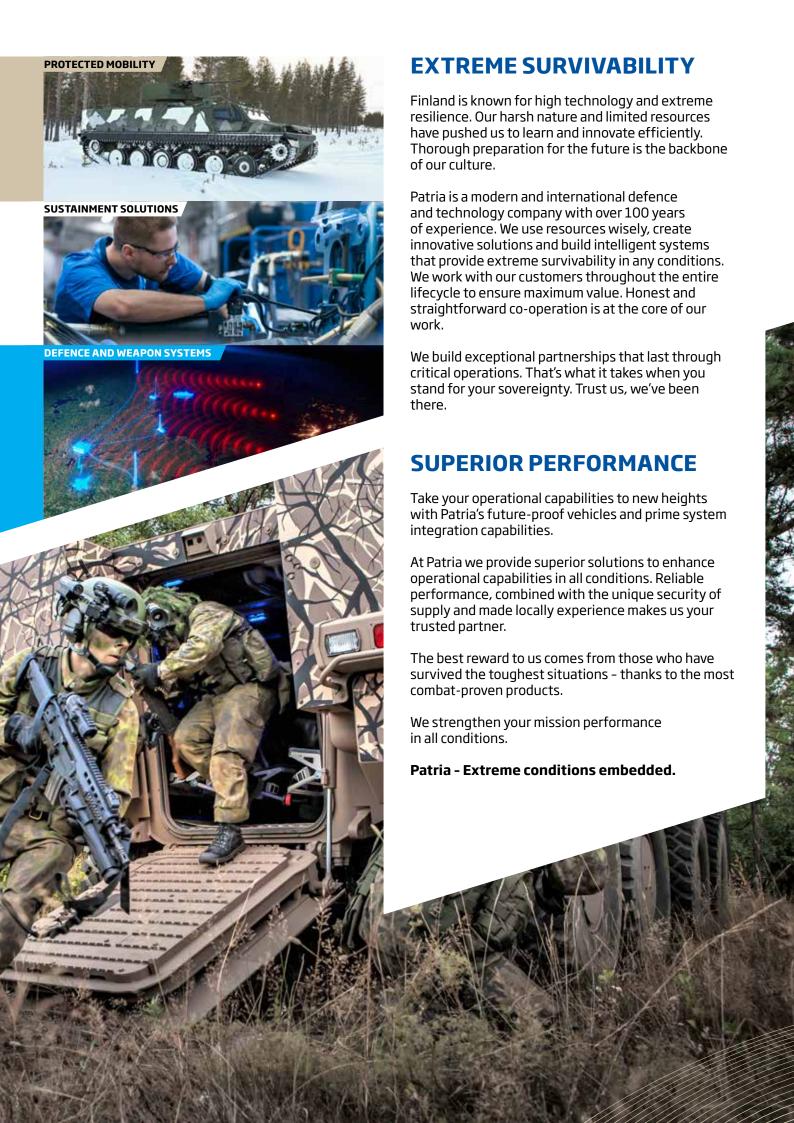
Patria

Patria AMV XP

Patria AMV XP is perfect for any operations in any environment where you need the best mobility, survivability and fire power.





AMV XP - superior performance for modern warfare

Patria AMV XP 8x8 is a state-of-the-art, combat proven, modular, and robust armoured wheeled vehicle providing superior fire power, protection, and mobility.



Win the fights

In a modern warfare and complex environment, the need for extremely mobile and protected armoured wheeled vehicle with high fire power is increasing.

Patria AMV XP 8x8 is a state-of-the-art modular, and robust armoured wheeled vehicle providing superior fire power, protection, and mobility. Our combat proven AMV family has gained experience from various operations and has become the trusted solution for protecting nations and their soldiers. Patria AMV XP is a cost effective and future proof solution for arising demands where sovereignty is at stake.

Superior performance

Patria AMV XP provides the performance and features of a multi-role vehicle. Patria AMV XP has fully digitalized vehicle data and control systems. We offer large scale of AMV XP variants to meet the specific needs of our customers worldwide from hot deserts to arctic conditions. With AMV XP Patria provides ultimate security of supply via technology transfer program, local manufacturing concept, and through-life support together with local partners.

AMV XP is perfect for any operation in any environment where you need the best mobility, survivability and fire power.

Survivability

AMV XP is available with highest level of modular ballistic protection and compatibility for state-of-the-art active and passive defence systems.

With AMV XP troops can be protected against IED, CBRN, and it has modular, scalable ballistic protection for up to STANAG level K5+ and mine protection STANAG level 4a/4b. AMV XP's optimised shape, low radar and thermal signature enable AMV XP's superior stealth features.

Mobility

AMV XP has state-of-the-art fully independent hydro-pneumatic suspension system and extremely strong chassis construction for high-speed off-road driving. AMV XP's easy to use and unrivalled mobility is based on high performance drive line together with the superior suspension. It is supported by large wheel size and CTIS for low ground pressure, Run Flat system and optional rear axle steering for enhanced manoeuvrability. AMV XP is available with amphibious capability for water crossing and amphibious operations.

Firepower

AMV XP's platform characteristics enable the use of any weapon system needed for engaging targets rapidly and with pinpoint accuracy.

AMV XP is ideal for integration of small and medium-calibre weapon systems, direct fire cannon systems up to 120 mm, Patria NEMO 120 mm turreted mortar system and anti-tank or anti-aircraft missile systems. AMV XP's high payload with large internal volume enables carrying weapon systems, ammunition, crew and crew equipment in an optimized solution to your mission needs.

Technical specifications

Dimensions

Length 8,1 m, optional 8,5 m Height over hull 2,4 m, optional 2,7 m

Width 2,8 m
Track width 2,5 m
Max. payload 15 000 kg
Max. combat weight 32 000 kg

Performance

>100 km/h Max. speed Climbing capacity 60% Side slope max 30 % Obstacle $0.7 \, \mathrm{m}$ Trench crossing 2,1 m Fording 1,8 m 800-1000 km Operating range Swimming (optional) 6-9 km/h

Protection

Modular ballistic, mine and IED-protection system according to customers' requirements Readiness for future protection technologies

Electrical Power Generation

350 A generator, 560 A optional

Enaine

Power output 450 kW Torque output 2140 Nm

Engine type 6 in-line diesel

Transmission

Automatic 7+2 gears

Driveline

Continuous all-wheel drive Hydraulically operated disc brakes with ABS Central Tyre Inflation System

Suspension

Fully independent suspension with double wishbones Hydro-pneumatic spring elements, height adjustment optional

Steering

Hydraulically assisted steering with mechanical linkage for 1st and 2nd axles, rear-axle steering optional





Accomplish your mission: now and in the future

Together with networked inter-operability, open architecture and fully digitalized vehicle data and control systems with readiness to wireless data transfer for fleet management solutions ensure troops to have the best possible platform to meet their objectives. AMV XP's onboard electrical power generation is designed to match the future requirements for C4I, Battlefield Management and Situational Awareness Systems, Health and Usage Monitoring System (HUMS) together with the vehicle's digital backbone.

Diverse mission requirements and rapidly changing environment lead to the fact that it is crucial to engage continuous and efficient product development to keep the equipment always up to date. Patria AMV XP is the right choice for the coming decades. We guarantee reliable maintenance services that respond to future needs through Patria's OPTIME solutions. Whatever your critical mission requirements for the equipment are, with AMV XP you are today ready for tomorrow, and the mission will be accomplishe

Variants

Patria AMV XP 8x8 has been developed to provide optimal flexibility through modularity to be adaptable for a wide range of variants without changing vehicle platform structure and systems.

