INTERNATIONAL ARMOURED VEHICLES

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20-22 January 2026 • Farnborough International Exhibition Centre, UK



WHAT WILL DRIVE THE FUTURE OF LAND WARFARE?

IAV 2026 VEHICLE EXHIBIT PREVIEW

Introduction

Excitement is certainly building ahead of International Armoured Vehicles 2026, where some of the most advanced and battle-ready platforms in the world will be on display. This infographic offers a sneak peek at just a few of the impressive vehicles set to feature at the conference, displaying everything from cutting-edge reconnaissance systems to highly mobile tactical armour.

There's nothing quite like seeing these machines up close. Attendees will have the rare opportunity to explore the vehicles on display, observe their capabilities firsthand, and speak directly with the experts behind their design, engineering, and operational deployment.

With innovation, protection, and mobility at the forefront of modern defence strategy, International Armoured Vehicles 2026 promises to be a defining showcase of the technology shaping the future of armoured warfare.

Patria

PATRIA ARE BRINGING THEIR 6X6 ARMOURED VEHICLE

The Patria 6x6 delivers state-of-the-art protected mobility for modern tactical operations. Building on Patria's long heritage of armoured wheeled vehicles used in peacekeeping and crisis management missions, the 6x6 offers the ideal balance of protection, mobility, and cost efficiency. Designed for a service life of more than 30 years, it combines affordability with ease of maintenance, upgrades, and through-life support.

Providing STANAG Level 2 ballistic and mine protection - with the option to enhance to Level 4 - the vehicle ensures outstanding survivability in combat and support roles. Its fully independent suspension and high-performance driveline deliver exceptional all-terrain mobility, while amphibious capability enables water crossings and landing operations when required. With seating for 10 troops plus a crew of two, the Patria 6x6 is optimised for 72-hour mission readiness, keeping personnel and equipment secure within its protected hull.

Versatility is a defining feature: it can be configured as an Armoured Personnel Carrier, Company Command vehicle, Medical Evacuation unit, Heavy APC or even integrated with the 120 mm Patria Nemo mortar system. Simple, robust, and modular by design, the Patria 6x6 offers superior mobility, adaptability, and protection - making it one of the most reliable and mission-ready armoured vehicles in its class.





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): 7 km/h
- Fording: 1.5 m
- Operating distance: >700 km

Protection

- System: Modular ballistic, mine and IED-protection system according to customers' requirements
- Protection level: STANAG Level 2, optional Level 4
- Additional: Readiness for future protection technologies
- Lighting: High-performance, maintenance-free LED lights

Engine

- Power output: 325 kW
- Torque output: 1,910 Nm
- Engine type: 5 in-line diesel

Transmission

- Type: Automatic 7 + 2 gears

Driveline

- Driven axles: All-wheel drive

Brakes

- System: Pneumatically controlled hydraulic disc brakes with ABS
- CTIS: Optional

Suspension

- Type: Fully independent suspension with double wishbone
- Springs: Coil springs with hydraulic shock absorbers; optional hydropneumatic springs

Steering

- Type: Hydraulically assisted steering with mechanical linkage for 1st and 2nd axle

GD Land Systems

GENERAL DYNAMICS ARE BRINGING THE AJAX ARMOURED FIGHTING VEHICLE

The AJAX represents the next generation of Armoured Fighting Vehicles (AFV) for the British Army, delivering advanced digital capability, exceptional mobility, and unrivalled battlefield awareness. Developed by General Dynamics Land Systems–UK, AJAX is a fully digital, network-enabled platform designed to help soldiers “See First, Decide First, Act First.” It combines best-in-class protection, reliability, and all-weather Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) capabilities.

A total of 589 AJAX vehicles are being delivered across six variants, forming the backbone of the Army’s future armoured fleet. These include turreted and non-turreted configurations, such as the AJAX Reconnaissance variant, ARES for troop transport and overwatch, and APOLLO and ATLAS for repair and recovery roles. The turreted version is the first British vehicle equipped with the UK–France-developed Case Telescoped 40mm Cannon (CT-40), capable of firing multiple ammunition types including High Explosive and Armour Piercing rounds. Non-turreted models feature Remote Weapon Stations that can mount 7.62mm, 12.7mm, or 40mm systems.

Built primarily at Merthyr Tydfil in South Wales, the AJAX programme supports over 4,000 UK jobs and more than 230 suppliers. Designed for future growth, each variant incorporates an open electronic architecture to allow fast, effective upgrades to meet evolving battlefield demands.



Technical Specifications

Name of Vehicle	AJAX
Height (in M)	3.04m
Width (in M)	3.75m
Length (in M)	7.6m
Weight (in KG)	42250
Type of fuel in vehicle	Diesel

Bearing pressure/Ground presser (in kN/m2)	
GVW (kg)	42250
Total Track Width (m)	0.53
Total Track Length on Ground (m)	4.08
Total Area (m2)	4.3248
Nominal Ground Pressure (kPa)	95.8

Assumes the load is evenly distributed across the total width and length of the track system

NMS UK

NMS UK ARE BRINGING THE NOMAD 4X4 TACTICAL LIGHT ARMOURED VEHICLE

The NMS UK Nomad 4x4 is a tactical light armoured vehicle engineered for exceptional performance, protection, and versatility across a range of demanding missions. Designed and developed by NMS UK, the Nomad features a proprietary V-shaped monocoque body that provides enhanced blast protection and structural integrity. Its advanced drivetrain ensures high speed, agility, and precise handling across both rural and urban environments.

With a lightweight yet durable structure, the Nomad delivers operational superiority and resilience against asymmetric threats. It offers scalable ballistic, mine, and IED protection compliant with STANAG 4569 standards, along with blast-attenuating seating and 5-point harnesses for maximum crew safety. Capable of carrying up to 11 personnel, the vehicle is suited for applications including air defence, reconnaissance, VIP convoy escort, and armoured combat missions.

The Nomad is powered by a fully independent suspension system, supported by hydraulic-assisted steering and dual-circuit braking for optimal control. Optional features include a 360° situational awareness system, CBRN protection, remote weapon integration, and automatic fire suppression. With its combination of mobility, survivability, and adaptability, the Nomad 4x4 stands out as a next-generation platform for modern defence and security operations.



Technical Specifications

Mobility / Performance

- Fording depth: up to **0.9 m**
- Obstacle step-up: **0.5 m**
- Trench crossing: **0.9 m**
- Gradient: **70%**
- Side slope: **40%**

Protection

- **STANAG 4569** scalable ballistic protection
- **STANAG 4569** mine & IED protection
- Blast-attenuating seats with **5-point harness**

Capacity

- Personnel capacity: **up to 11**

Mobility Systems

- Fully independent suspension system
- Locking lateral (front & rear) and longitudinal (centre) differentials
- Run-flat tyres with **Central Tyre Inflation System (CTIS)**

Environmental Performance

- Operating temperature: **-32°C to +55°C**

Vehicle Control / Systems

- Hydraulic-assisted power steering
- Dual-zone air conditioning

GD Land Systems

GENERAL DYNAMICS ARE BRINGING THEIR LIGHT MOBILITY VEHICLE (LMV) - FORD RANGER

The General Dynamics Light Mobility Vehicle (LMV) Ford Ranger is a versatile and robust platform designed to meet a broad spectrum of light utility and support roles. Developed in partnership with Ricardo and Ford, the LMV builds upon Europe's best-selling pickup truck to deliver a uniquely safe, reliable, and cost-effective solution for modern military operations.

Based on the NCAP 5-rated commercial platform, the LMV offers class-leading safety through advanced driver assistance and protection systems. It is powered by a UK-manufactured 3.0L V6 turbodiesel engine, fully JP8-compatible and paired with a 10-speed automatic transmission and intelligent all-wheel-drive system with locking differentials. This configuration ensures exceptional off-road capability, smooth performance, and ease of operation with minimal training requirements.

The inclusion of the Ford Liive® telemetry system enhances operational efficiency by providing real-time data monitoring, predictive servicing, and over-the-air updates—maximising fleet reliability and uptime. Supported by a global parts and service network and a comprehensive five-year warranty, the LMV Ford Ranger ensures dependable lifecycle support.

With multiple cab configurations and a production capacity exceeding 30,000 units annually, this adaptable platform is an ideal solution for defence and utility missions requiring agility, durability, and consistent performance.



Technical Specifications

Seating: 4 forward-facing seats with three-point harness

Powertrain: 3.0L V6 turbodiesel (JP8-compliant) + 10-speed auto transmission

Driveline: Adaptive all-wheel drive with electronic locking diffs

Payload: Up to 2,000kg

Performance: 240PS (179kW) 600Nm

Dimensions: (LxWxH): 5,370 x 2,520 x 1,924mm

Max grade/approach/depart angles: 45/40/30deg

Max wading: 850mm

Ground clearance: 300mm

Fuel tank capacity: 80L / 130L

Washout interior trim

ROSHEL

ROSHEL ARE BRINGING THEIR SENATOR EMERGENCY RESPONSE VEHICLE (ERV)

The Roshel Senator Emergency Response Vehicle (ERV) is a mission-ready, armoured platform designed to support security forces operating in high-risk and hostile environments. Developed by Roshel Smart Armored Vehicles, the Senator ERV combines advanced survivability with operational flexibility, making it well suited for emergency response, internal security, and special operations roles. The vehicle is designed and manufactured using advanced engineering processes to meet stringent NATO standards, ensuring consistent performance and protection in demanding conditions.

Built on the proven Senator platform, the ERV emphasises crew safety, situational awareness, and operational endurance. Its armoured hull is engineered to provide high levels of ballistic and blast protection, supporting personnel operating in volatile environments where threats may include small arms fire, explosives, and civil unrest. The vehicle is configured to accommodate a range of mission-specific systems, including command-and-control, surveillance, and communications equipment, enabling effective coordination during emergency or security operations.

The Senator ERV has been field-proven across a wide range of operational theatres and environments, reinforcing its reputation as a reliable and durable platform. With a focus on protection, adaptability, and mission readiness, the Roshel Senator Emergency Response Vehicle delivers a robust solution for organisations requiring a dependable armoured vehicle capable of responding rapidly to evolving security challenges.



Technical Specifications

Engine: 6.7L Diesel V8

Horse Power: 330 hp @2,200 rpm

Engine torque: 950 ft lb @1,800 rpm

Drive train: 4x4

Dimensions: 6306 x 2550 x 2502 mm

Wheelbase: 3691 mm

Seating capacity: 10+1

Transmission: 10-speed automatic

Fuel capacity: up to 251 L

Operational range: up to 800 km

Ground clearance: up to 355 mm

Protection: STANAG 4569 LEVEL 2

Blast protection: STANAG 4569 LEVEL 1

Angle of approach: 35 degrees

Angle of departure: 20 degrees

INTERNATIONAL ARMOURED VEHICLES

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Get ready for International Armoured Vehicles 2026 and experience these vehicles and more up close

See the latest platforms and technologies firsthand, meet the engineers, programme leads and defence decision-makers shaping the future of land capability, and gain exclusive insight into the next generation of armoured operations.

Taking place 20–22 January 2026 at the Farnborough International Exhibition Centre, UK, the International Armoured Vehicles Conference is the world's premier event for the armoured vehicles community - bringing together more than 1,500 senior military leaders, government representatives and industry partners from over 60 nations each year.

If you're looking to network, learn, and explore new partnership opportunities across the full armoured vehicle ecosystem, this is the unmissable event for you. Register now to secure your place.

Website

Agenda

Register

MILITARY & GOVERNMENT PERSPECTIVES



Lieutenant General Salvatore Cuoci
Deputy Chief of the Staff
Italian Army



Lieutenant General Dragoş-Dumitru Iacob
Deputy Chief of Defence
Romanian Armed Forces



Lieutenant General Satoru Ohashi
Director General of Ground Systems
ATLA - Japan MOD



Lieutenant General Pasi Välimäki
Commander
Finnish Army



Lieutenant General Sir Ralph Wooddisse KCB CBE MC
Commander
NATO Allied Rapid Reaction Corps



Dr Peter Highnam
Principal Deputy Assistant Secretary of War for Critical Technologies
Office of the Under Secretary of WAR for Research and Engineering



Jesse Tolleson
Principal Deputy to the Assistant Secretary Army for Acq, Log & Technology
US Army



Major General Andis Dilāns
National Armaments Director
Latvian Ministry of Defence



Major General Lizzie Faithfull-Davies
Director Land Environment, **National Armaments Director Group**



Major General Charles Grist
Deputy Commanding General - Maneuver
V Corps



Major General Lars Lervik
Chief
Norwegian Army



Major General Curtis Taylor
Commanding General
1st Armored Division & Fort Bliss