

NIMR



J A I S C L A S S S

CONQUER THE ELEMENTS.
GAIN THE ADVANTAGE.

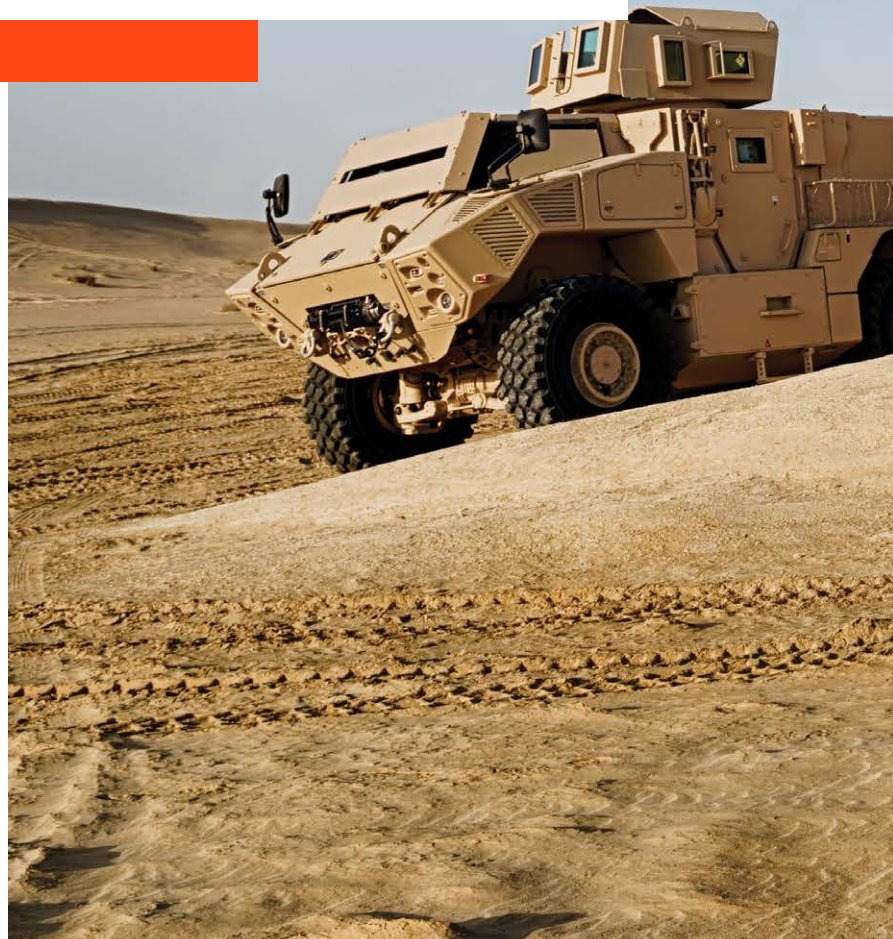


J A I S P L A T F O R M —

CAPABILITIES TO KEEP YOUR MISSION MOVING FORWARD.

Bringing together 40 years of experience in protected mobility. The Jais is a next generation of MRAP, providing essential balance between firepower, survivability, whilst ensuring mobility for modern, conventional and asymmetric operations.

The JAIS class of mine-resistant ambush protected (MRAP) vehicles in 4x4 and 6x6 are customisable, multi-purpose platforms for all military requirements with unrivaled protection across diverse terrain on- and -off road.



The JAIS vehicle architecture supports multiple mission variants and equipment options on a platform with a modern suspension and powertrain, a high power-to-weight ratio, and excellent situational awareness.



The JAIS vehicle design ensures ease of maintenance and serviceability across the class, with maximum commonality between the 4x4 and 6x6 versions. This greatly reduces the logistics footprint and lifecycle costs associated with supporting the JAIS vehicle fleet.

MOBILITY

JAIS vehicles incorporate independent suspension with various options providing unparalleled mobility both on- and off-road. The vehicle architecture has been developed to meet the harshest operational and environmental conditions. JAIS vehicles offer steep approach and departure angles, central tyre inflation system and run-flat inserts as standard.

PROTECTION

JAIS variants offer a high degree of protection to enhance crew survivability from roadside IEDs, under-vehicle mines and ballistic threats. These tested, certified and combat proven vehicles provide physical crew security. Roof-mounted self-defence weapons, integrated command and control, and mission systems provide additional crew survivability.





MULTI-MISSION PLATFORM

The JAIS class provides multi-mission capabilities in a platform suitable for mounting and integrating a multitude of weapon and mission systems. The electronic architecture ensures communication integration, and the advanced power management system both enables the mission and protects the vehicle.

STANDARD ACCESSORIES

CENTRAL TYRE INFLATION SYSTEM

RUN-FLAT INSERTS

SIDE MOUNTED POWER-PACK UNDER ARMOUR





COMMON SPECIFICATIONS

Ballistic and blast protection	As per mission requirements
IED side protection level	Included
Transmission	6-speed automatic
Suspension	Independent with hydro-pneumatic struts
Brake type	Air-actuated disk brakes
Tyres	16.00R20
Operating temperature	-19C to +55C



J A I S

V E H I C L E S



COMBAT PROVEN, SAVING LIVES.

J AIS 4X4

Provides the essential balance between firepower, survivability, mobility, and cost needed for modern, conventional, and asymmetric operations. The vehicle can accommodate a full-motorised infantry section with a manned turret or remote weapon system.

The vehicle also provides cost-effective solutions for reconnaissance, patrol, utility, and specialist roles, such as an ambulance variant. Crew survivability is centred around a battle-proven "crew citadel" protection system, protecting against mine, IED, and ballistic threats.





SPECIFICATIONS

Wheelbase	3,350 mm
Length	5,982 mm
Overall Width	2,790 mm
Height	2,630 mm
Turning circle	16 m
Hump radius	2,400 mm
Payload	3,200 kg
GVW	up to 21,000 kg
Cruising range	700 km
Max crew	2+5
Engine power	336 kW / 450 hp
Engine torque	1,850 Nm
Fording	900 mm
Step climb	600 mm
Trench crossing	900 mm
Gradient	60%
Maximum speed	105 km/h

JAIS 6X6

Combines survivability and mobility in one vehicle. It incorporates significant internal volume and payload capacity, ideal for multi-role applications and multiple customisations. A multitude of weapons, mission equipment, and enhanced protection systems can be added without sacrificing vehicle mobility.

The crossover nature of this range makes it the ideal choice for deployment in the volatile and unpredictable modern combat theatre.





SPECIFICATIONS

Wheelbase	3,350 mm
Length	6,920 mm
Overall Width	2,790 mm
Height	2,630 mm
Turning circle	17 m
Hump radius	2,031 mm
Payload	7,500 kg
GVW	up to 27,000 kg
Cruising range	700 km
Max crew	2+9
Engine power	600 hp
Engine torque	1,900 Nm
Fording	900 mm
Step climb	600 mm
Trench crossing	900 mm
Gradient	60%
Maximum speed	105 km/h

OPTIONAL SYSTEMS —

TO MEET YOUR UNIQUE REQUIREMENTS.





PROTECTION

BALLISTIC LEVEL

Customisable to meet various customer ballistic threat levels.

BLAST LEVEL

Meeting the highest international standards in blast and IED protection

SURVIVABILITY SYSTEM

- Heat signature management
- RPG protection system
- Nuclear, biological, chemical (NBC)

SUBSYSTEMS INTEGRATION

WEAPON EQUIPMENT

- Combat system
- Weapon station
- Gun mount
- Grenade launcher

NAVIGATION EQUIPMENT

- Global positioning system (GPS)
- Inertial navigation system (INS)

COMMUNICATION SYSTEMS

- Radio
- Intercom
- Antenna brackets
- Battlefield management system (BMS)
- C4I system





CAMERA SYSTEM

- Night vision
- Day vision
- Situational awareness system (SAS)
- Display monitor

OPTIONAL EQUIPMENT

- Three-stage ride height management system
- Winterisation kit
- Fire suppression system
- Health, usage, and monitoring system
- Various weapon systems
- C4I command and control
- Situational awareness
- Self-recovery winch
- Electrical power management system
- Situational awareness
- Driver aids

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