

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.

FEATURE HIGHLIGHTS

- CENTRAL TYRE INFLATION SYSTEM
- HIGH-VOLUME UNDER ARMOUR
- MODULAR INTERNAL LAYOUT
- EXCEPTIONAL OFF-ROAD PERFORMANCE
- SINGLE-UNIT POWER PACK FOR QUICK EXTRACTION
- MONOCOQUE HULL INTEGRATED WITH ENGINE PROTECTION
- V-HULL DESIGN FOR EFFECTIVE MINE BLAST PROTECTION
- CRITICAL BALLISTIC PROTECTION FOR ENGINE
- DUAL INDEPENDENT A/C SYSTEM
- STORAGE PROVISION FOR PERSONNEL EQUIPMENT'S



OPTIONS

SELF-RECOVERY WINCH

CONFIGURED MISSION BATTERIES FOR COMMUNICATION EQUIPMENT'S

ROOF MOUNTED WEAPON RING MOUNTS

SMOKE GRENADE LAUNCHER

AIR FILTRATION SYSTEM (NUCLEAR, BIOLOGICAL, CHEMICAL)

GUN PORTS

OBSTACLES AWARENESS CAMERAS (FRONT, REAR)



J AIS 4X4

SPECIFICATIONS

Wheelbase	3,350 mm
Length	6,000 mm
Overall Width	2,790 mm
Height	2,608 mm
Turning circle	17 m
Hump radius	2,400 mm
Payload	3,200 kg
GVW	up to 21,000 kg
Cruising range	700 km
Max crew	2+7
Engine power	336 kW / 450 hp
Engine torque	1,850 Nm
Fording	900 mm
Step climb	500 mm
Trench crossing	900 mm
Gradient	60%
Maximum speed	105 km/h



J AIS 6X6

SPECIFICATIONS



Wheelbase	4,650 mm
Length	6,920 mm
Overall Width	2,790 mm
Height	2,630 mm
Turning circle	20.5 m
Hump radius	2,147 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

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