### Technical Specifications

#### ARMA 6x6

<table>
<thead>
<tr>
<th>Dimension and Weight</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overall length</td>
<td>6500 mm</td>
</tr>
<tr>
<td>Overall width</td>
<td>2700 mm (suspension with hydro-pneumatic struts)</td>
</tr>
<tr>
<td></td>
<td>2765 mm (suspension with telescopic type shock absorber &amp; helical spring)</td>
</tr>
<tr>
<td>Overall height</td>
<td>2220 mm</td>
</tr>
<tr>
<td>Track width</td>
<td>2300 mm (suspension with hydro-pneumatic struts)</td>
</tr>
<tr>
<td></td>
<td>2380 mm (suspension with telescopic type shock absorber &amp; helical spring)</td>
</tr>
<tr>
<td>Axle load capacity</td>
<td>Up to 10, including driver and commander</td>
</tr>
<tr>
<td>Ground clearance</td>
<td>420 mm</td>
</tr>
<tr>
<td>Gross vehicle weight</td>
<td>18500 kg</td>
</tr>
</tbody>
</table>

#### Engine

- 8.9 liters, 6 cylinders, water cooled, turbo charged diesel
- Common rail, intercooler, 450 hp (336 kW) @ 2200 rpm
- 1627 Nm @1300 rpm, F-34 and F-54 fuel compatibility

#### Gearbox

- Automatic, 6 forward - 1 reverse

#### Transfer Box

- Single speed with differential lock

#### Suspension

- Fully independent suspension with hydro-pneumatic struts on each wheel
- Fully independent suspension with telescopic type shock absorber & helical spring

#### Brakes

- Self-recovery winch
- NBC protection kit
- Fire suppression systems
- Intercom system
- Amphibious kit
- Grenade launchers
- Hydraulically operated ramp door
- Navigation system (GPS/INS)
- Auxiliary power unit (APU)
- Barricade remover

#### Electrical System

- 24 V electrical system installation, 190 A alternator capacity
- 2x12 V, 120 Ah batteries

### Performance Data

- Power to weight ratio: 24.92 hp/ton @ 18500 kg
- Angles of approach: 42°
- Obstacle crossing: 608 mm
- Trench crossing: 1200 mm
- Ground clearance: 309 mm
- Range: 700 km
- Maximum speed on road: 105 km/hour
- Water speed: 8 knot/hour

### Standard Equipment

- Central Tyres Inflation System (CTIS)
- Rear View Camera
- Thermal Front Camera
- Anti-Locking Brake System (ABS)
- Air Conditioning System/Heater
- Vehicle Electronic (ARMATRONICS)
- Blackout Lighting System
- Intervehicle Start Socket
- Radio Provision
- On Vehicle Equipment
- Central Main Switch

### Optional Equipment

- Self-Recovery Winch
- NBC Protection Kit
- Fire Suppression Systems
- Intercom System
- Amphibious Kit
- Grenade Launchers
- Hydraulically Operated Ramp Door
- Navigation System (GPS/INS)
- Auxiliary Power Unit (APU)
- Barricade Remover

Technical features contain nominal data. These technical specifications may vary according to the vehicle specification and equipment. Otokar reserves the right to modify the specifications and equipment of vehicles beforehand. The details of the specifications and equipment may change according to the local needs and conditions.
ARMA is a new generation modular multi-wheel armoured vehicle with superior tactical and technical features.

Thanks to the modularity and highly protected armoured monocoque hull design, ARMA is a multipurpose platform allowing the integration of various types of mission equipment or weapon systems which can meet the current needs of the modern armies in real battlefield and peacemaking operations.

ARMA, being an agile and highly maneuverable platform, can cross over long distances in a wide range of challenging terrains from deserts to arctic conditions.

Vehicle Concept
- State-of-the-art design and engineering
- Low silhouette and compact vehicle size with large internal volume and high payload
- Growth potential for future emerging requirements
- Superior mobility in a wide range of demanding terrains
- Armoured monocoque hull protecting crew against a wide variety of threats
- Engine and power unit located at the right front of the vehicle
- Configurable to carry up to ten troops seated face to face, in addition to the driver and commander
- Ergonomically designed seating for protection and comfort
- Exceptional travel comfort and safety for crew
- Outstanding reliability, long service life and excellent economy

Outstanding Performance with High Survivability

Exceptional Cross Country Performance
The independent suspension system enhanced with Run Flat Tires, built-in Central Tyres Inflation System (CTIS) and Anti-locking Brake System (ABS) improves ground mobility and ride comfort even over the roughest terrain. Vehicle’s mobility is further enhanced with longitudinal and transverse differential locks and the high power to weight ratio coupled with high ground clearance and approach/departure angles.

Mobility
- Extraordinary mobility in both urban and rural environments
- Proven in various on and off-road conditions under diverse climatic conditions
- Fully independent suspension
- High power to weight ratio
- Power-assisted two-axes steering system providing precise control and easy maneuverability with tight turns
- Central Tyres Inflation System (CTIS) enabling the driver to adjust the tyre pressure while traveling
- Optional amphibious capability

Survivability
- Modular ballistic protection, upgradable according to future threats
- Superior ballistic protection against KE projectiles and fragments
- High level of mine protection
- Enhanced protection against RPGs, EFPs, IEDs
- Equipped with Nuclear, Biological and Chemical (NBC) protection solutions
- Specially designed seats preventing body injuries such as head, neck, spinal cord and pelvis
- Five-point seat belt providing safe cruising for the crew

Lethality
- Suitable for integration of various weapon systems from 7.62 mm up to 105 mm (and also 120 mm mortar)
- Ideal platform for anti-tank or anti-aircraft missile systems

Power
- Powered by a six cylinder, turbo-charged diesel engine that generates high power and extraordinary torque at challenging terrains
- High power to weight ratio
- Superior reliability and maintainability
- Low fuel consumption and operational cost
- Optional amphibious capability by twin propeller drive with joystick control
Multipurpose Platform

Common Platform for Various Missions and Applications

ARMA is designed to meet specific requirements of various customers in modern battlefield, peace keeping and human relief operations.

ARMA is available in various types of mission configurations such as Armoured Personnel Carrier, Infantry Fighting Vehicle, Command Post, Ambulance, CBRN Reconnaissance, Driver Training, Reconnaissance, etc.

ARMA EXPLOSIVE ORDNANCE DISPOSAL (EOD) VEHICLE

ARMA PERSONNEL CARRIER WITH OPEN CUPOLA

ARMA PERSONNEL CARRIER WITH OPEN CUPOLA (20 MM CANNON)

ARMA PERSONNEL CARRIER WITH REMOTE CONTROLLED WEAPON STATION

ARMA PERSONNEL CARRIER WITH CLOSED TURRET WEAPON STATION

ARMA PERSONNEL CARRIER WITH OPEN CUPOLA

ARMA AMPHIBIOUS VEHICLE

ARMA CBRN RECONNAISSANCE VEHICLE
Superior Tactical and Technical Characteristics

Supportability
- Use of Commercially Off-The-Shelf components and subsystems
- Low life cycle cost, Long in-service life
- High reliability, High readiness for battle
- Ease of maintenance
- Training of operating and support personnel throughout the life cycle

Transportability
- Integrated slinging and tie-down provisions
- Transportability by rail and sea complying with international standards
- Air transportability by C-130 or larger aircrafts

Vehicle Electronics
- Enhanced Graphical User Interface for the driver to control and monitor subsystems
- Built-in test and on board diagnostic capability with automatic malfunction detection
- Open Software Architecture with capability of expanding for future needs