

ARMA II

8x8 WHEELED ARMORED VEHICLE



Otokar

SUPERIOR PERFORMANCE AND HIGH SURVIVABILITY

Arma II is the new member of Arma multi-wheeled armored family, which is actively in service different terrain and climate conditions of the world.

Arma II is a new generation armored vehicle that stands out with its superior terrain capability and modular structure, while offering the highest level of protection and the highest fire power in its class.

Power

- Powered by a 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
- High performance in various terrains under diverse climatic conditions without loss of power.

Vehicle Concept

- State-of-the-art design and engineering
- Large internal volume and high payload
- Growth potential for future emerging requirements
- Superior mobility in a wide range of demanding terrains
- Armored 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 including the commander, and the driver.
- Ergonomically designed seating for protection and comfort
- Outstanding reliability, long service life and excellent economy



Modularity for Various Missions

Arma II 8x8 is available in various types of mission, configurations such as Armored Personnel Carrier, Fire Support Vehicle with 105 and 120 mm Turret, 120 mm Mortar Carrier, Low and Medium Altitude Defense Vehicle, Combat Support Vehicle, Infantry Fighting Vehicle with 25 mm One Man Turret and 30 mm Weapon System, Recovery Vehicle, CNRN Reconnaissance, Reconnaissance, Driver Training, Ambulance, Command, Control and etc.

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) and independent hydro-pneumatic suspension 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.

- Extraordinary mobility in both urban and cross-country environments
- Proven in various on and off-road conditions under diverse climatic conditions
- Independent hydro-pneumatic 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

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 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

Fire Power

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



ARMA II 8x8 TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

| | |
|-----------------------|--|
| Gross Vehicle Weight | Up to 40000 kg |
| Maximum Crew Capacity | Up to 12, including driver and commander |
| Length | 8500 mm |
| Width | 3400 mm |
| Highth Over Hull | 2500 mm |
| Ground Clearance | 450 mm |

ENGINE

Turbo charged diesel engine
720 BG - 2700 Nm

TRANSMISSION

Automated 6 forward, 1 reverse

TRANSFER CASE

Two speed with longitudinal lock

AXLES

Differentials with lock and geared wheel hubs

SUSPANSION

Fully Independent suspension with hydro-pneumatic struts on each wheel

BRAKES

Pneumatic service brakes with discs on each wheel, dual circuit with ABS
Pneumatic independent park brake system

STEERING

Power assisted, steerable all axles

TYRES

16.00 R 20 with run-flat system

ELECTRICAL SYSTEM

24 V,
12 V 120 Ah Maintenance-free Batteries,
28 V alternator

STANDARD FEATURES

Central Tyre Inflation System (CTIS)
Anti-Locking Brake System (ABS)
5 Point Seat Belts
Floating Floor
Towing Eye
Automatic Fire Extinguishing and Explosion Suppression System
Driver's Vision Enhancement System
Situational Awareness System
Blackout Lighting System,
NATO Type Blackout System
Embedded Diagnostics Ramp Door
Fog Lights
Radio Provisions

OPTIONS

Winterization Kit
Self-Recovery Winch
CBRN Filtration System
Radio/Intercom System
Smoke Grenade Launchers
Auxiliary Power Unit
Commander Integrated Display
GPS/INS

| | | | | | | |
|--------------|-----------|-------------------|-------------------|-----------------|-------------------------------|-----------------------|
| 1200 mm | 40% | 70% | 700 mm | 2100 mm | 45°/45° | >105 km/h / 700 km |
| | | | | | | |
| Fording Dept | Side Slop | Vertical Obstacle | Vertical Obstacle | Trench Crossing | Angle of Approach / Departure | Maximum Speed / Range |

All text and illustrations shown in this brochure are not binding and are provided for guidance only. OTOKAR reserves the right to introduce modifications in line with technical progress and change the product specifications without any prior notice.

Otokar

Otokar Otomotiv ve Savunma Sanayi A.Ş

Head Office: Aydınevler Mahallesi Saygı Caddesi No: 58 Maltepe 34854 İstanbul, Türkiye T: +90 216 489 29 50 F: +90 216 489 29 67

Factory: Atatürk Caddesi No: 6 Arıfıye 54580 Sakarya, Türkiye T: +90 264 229 22 44 F: +90 264 229 22 42

www.otokar.com

