

# APV

ARMOURED PATROL VEHICLE

TECHNICAL SPECIFICATIONS	APV
<b>DIMENSIONS AND WEIGHTS</b>	
Overall length	4150 mm
Overall width	1810 mm
Overall height	2260 mm (w/o weapon station) 2750 mm (with weapon station)
Ground clearance	230 mm
Wheelbase	2794 mm
Combat weight	4100 kg
<b>ENGINE</b>	4-cylinder common-rail turbo-diesel engine with intercooler developing 90 kW (122 hp) at 3500 rpm
<b>GEARBOX</b>	6 forward, 1 reverse mechanical gearbox
<b>TRANSFER BOX</b>	Permanent 4 wheel drive, 2-speed with high and low ranges central differential lock
<b>AXLES</b>	Rigid beam axles with single reduction spiral differentials
<b>SUSPANSION</b>	Coil springs and hydraulic shock absorbers with panhard rod and anti-roll bars
<b>BRAKES</b>	Servo assisted front and rear disk brakes on all four wheels Drum type parking brake acting on transmission
<b>STEERING</b>	Power assisted
<b>FUEL TANK</b>	82 litres capacity and explosion suppression system
<b>TYRES</b>	R16 tubeless off road tyres, Combat type run-flat capability
<b>ELECTRICAL SYSTEM</b>	12 Volts, 150 A alternator, optionally 24 Volts system available for radio
<b>PERFORMANCE DATA</b>	
Max speed	125 km/h
Side slope	30%
Gradient	60%
Fording	600 mm
Turning radius	6.7 m
Vertical step	315 mm
Angle of approach	45° (w/o winch)
Angle of departure	32°

STANDARD EQUIPMENT
Air conditioning
Heater and demister
Seat belts
2-speed wipers with wash and wipe
Tool set
Fire extinguisher
Black-out system
Smoke extraction system
Battery master switch
Antenna mounting provision
Recovery hooks
First aid kit

OPTIONAL EQUIPMENT
Main Switch
Public Announce System
Rotating Blue Beacon
LED strobe lights
Fog Lamps
24V Electrical System
Winch
Intervehicular Start Socket
Smoke Grenade Launchers
Internally Controlled Projectors
Engine fire extinguishing system
Vehicle exterior fire extinguishing system
Tyre fire extinguishing system
Rear View Camera System
Stone Grills for Glazing

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.

AZ11ED-13





## Most secure in risky areas...

High manoeuvrability, unique stability and superior terrain capability make the OTOKAR ARMoured PATROL VEHICLE reliable in high risk areas, carrying the internal security and police forces safely.



### Capacity

OTOKAR ARMoured PATROL VEHICLE can easily carry the driver, commander and up to 6 fully equipped personnel (total of 8) under the hardest conditions. While the ergonomic personnel seats, safety belts and air condition make the ride comfortable for the crew, two side doors and the rear door make it easy to rapidly evacuate the vehicle when needed. The vehicle provides an ergonomic environment for the driver thanks to its wide visual range and ergonomic surrounding.

### Mobility

OTOKAR ARMoured PATROL VEHICLE has excellent suspension with its world-renowned axles and transmission. Permanent 4-wheel-drive, lockable central differential, high articulation type suspension and coil springs make for the best terrain capabilities. Combat type run-flat tyres, high acceleration, and small turning circle make OTOKAR ARMoured PATROL VEHICLE ideal for any mission including operations in urban terrain.



OTOKAR ARMoured PATROL VEHICLE supports various types of missions required by paramilitary and security forces, thanks to its universal design...

### Protection

OTOKAR ARMoured PATROL VEHICLE provides protection against small arms fire at point blank range. While the body and the ceiling provide a 360 degrees protection, composite floor material protects the personnel against fragments from grenades, nail bombs and anti-personnel mines. Armoured glasses and all vision blocks are protected to the same level as of the hull. All glasses are with polycarbonate anti-spall liners.

### Armament

OTOKAR ARMoured PATROL VEHICLE can be fitted with up to 9 gun ports enabling small arms fire from inside the vehicle. The vehicle can be specified with plain roof, with a gun ring, open cupola or a closed cupola fitted for a range of machine guns from 7.62 mm to 12.7 mm weapons. Ballistic protection shields can be specified for the gunner.

### Survivability and reliability

Standing out with its low silhouette and ballistic protection, OTOKAR ARMoured PATROL VEHICLE proves itself in various missions in different climates and terrains. In order to provide a small logistic footprint OTOKAR ARMoured PATROL VEHICLE uses commercially off the shelf components.



- Armoured Patrol Vehicle
- Armoured Police Vehicle
- Armoured Security Vehicle
- Armoured Ambulance
- Armoured Workshop Vehicle
- Armoured Command Vehicle
- Armoured Patrol Vehicle Internal Security Variant



For various missions, at all terrains



ARMOURED COMMAND VEHICLE



ARMOURED WORKSHOP VEHICLE

OTOKAR ARMOURED PATROL VEHICLE is provided with various options to be used for many missions and purposes thanks to its universal design, superior protection and mobility.

Thousands of ARMOURED PATROL VEHICLES designed and produced by OTOKAR are currently in use in various armed and security forces throughout the world.



ARMOURED PATROL VEHICLE



ARMOURED POLICE VEHICLE



ARMOURED AMBULANCE



ARMOURED SECURITY VEHICLE



ARMOURED PATROL VEHICLE INTERNAL SECURITY VARIANT



## Otokar and Armoured Patrol Vehicle

### Logistic support

Otokar carries out its duty to provide the best service for the forces. After-sales and logistic support services of Otokar throughout the world enable the forces to be ready for the mission anytime and anywhere. The reliable components have low maintenance requirements, and all components are highly accessible facilitating high availability and maintenance minimizing the operating and maintenance costs.

