

URAL

4x4 LIGHT ARMORED TACTICAL VEHICLE



Otokar

OUTSTANDING PROTECTION SUPERIOR PERSONNEL COMFORT

Interoperability and Modularity

URAL Armored Personnel Carrier, with a capacity of up to 9 people in the 5-door configuration, and up to 10 people in the 3-door configuration, carries the driver, commander and armed personnel to their mission in the most challenging conditions while providing comfort.

- Armored Personnel Carrier
- Armored Police Vehicle
- Armored Internal Security Vehicle
- Armored Single Cabin Pickup
- Armored Refuelling Vehicle
- Armored Command Control Vehicle
- Armored Ambulance
- Special Operations Vehicle

Mobility and Power

URAL Armored Personnel Carrier features a specially designed chassis, and worldwide proven engine, powertrain and mechanical components. Permanent four-wheel drive, lockable central differential, high capacity and comfortable axle and suspension deliver ultimate off-road capabilities. Off-road tyres with run-flat system, high acceleration, and narrow turning radius make URAL Armored Personnel Carrier ideal for any mission.



Survivability

URAL Armored Personnel Carrier, used by the Turkish security forces as well as the armed forces of several other countries, continues to prove itself in the most heated conflicts.

URAL Armored Personnel Carrier provides superior personnel protection. Sides and the roof of the hull provide protection at the defined protection level at 90-degree firing angle, while the floor protects against shrapnel fragments from hand grenades and anti-personnel mines exploding under the vehicle. The polycarbonate layered armored glazing provides ballistic protection equivalent to the hull resists against glass fragments scattering to the interior, and allows the personnel to carry on its mission safely.



Fire Power and Armament

URAL Armored Personnel Carrier features 8 gun ports in various dimensions, allowing the personnel to fire light weapons and launch smoke grenades from within the vehicle. The additional protections on the gun ports prevent incendiary materials from entering the cabin. The top of the vehicle can be fitted with 360-degree continuously rotating open or closed cupolas depending on the armed and security forces' requirements. Based on the cupola type, 5.56 mm and 7.62 mm or 12.7 mm machine guns can be mounted while the shields around protect the gunner. If desired, the URAL Armored Personnel Carrier can also be equipped with remote-controlled 7.62 mm machine gun turret.



Ergonomics and Comfort

URAL Armored Personnel Carrier, with a versatile modular platform and an innovative feature set, fulfils the requirements of even the most demanding missions. An all-around armored hull fully protects the personnel against various threats; and with the vehicle's ample interior space, ergonomic full-size seats, parabolic spring suspension and the biggest tyre size in its class, URAL also provides superior personnel comfort.

Top-notch powertrain components assembled onto a high strength chassis maximize vehicle's off-road performance, while elastic components between the body and the chassis help minimize the cabin vibrations on different terrains.

The ergonomic personnel seats, 4-point seat belts in all seats, and heating and air conditioning improve the personnel's comfort while 4 side doors and the fixable double-flap rear door allow fast evacuation when needed. The vehicle's one-piece windscreen offers a wide view for the driver, and the easy to reach controls ensure an ergonomic driving environment. The roof fan contributes to the comfort, and extracts the powder gas that might accumulate inside the vehicle.



MULTIPLE MISSIONS ALL TERRAINS

With a universal design, superior protection and excellent mobility, the URAL Armored Personnel Carrier is offered in a variety of options to serve in multiple tasks and missions in line with customer demands.

Optimized modular body construction design enables many configurations and assembly of various weapons/equipment required by diverse missions, offering a single platform for multiple operations.

Samples of the vehicle derivatives with different vehicle body, cupolas and accessories designed for various missions are presented. In addition to Ural Armored Personnel Carrier vehicles with cupolas suitable for various weapons, Ambulance, Internal Security Vehicle, Armored Personnel Carrier with Remote-Controlled Weapon Station, Fuel Refuelling Vehicle, Single-Cab Pickup, Command and Control Vehicle and Special Operations Vehicle derivatives are already available.





7.62 mm OPEN CUPOLA ARMORED PERSONNEL CARRIER



7.62 mm CLOSED CUPOLA ARMORED PERSONNEL CARRIER



12.7 mm OPEN CUPOLA ARMORED PERSONNEL CARRIER



SPECIAL OPERATIONS VEHICLE



ARMORED INTERNAL SECURITY VEHICLE



ARMORED AMBULANCE



ARMORED PERSONNEL CARRIER WITH REMOTE CONTROLLED WEAPON SYSTEM

LOGISTIC SUPPORT



In addition to providing the best service to the domestic security forces on site, OTOKAR ensures that all foreign customers are also ready for any mission any time through worldwide after-sales services and spare parts availability.

Highly reliable components with minimum maintenance need, and parts positioned for easy access and serviceability allow unique logistic support, and minimise up-keeping costs.



URAL 168 HP TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

Gross Vehicle Weight	6400 kg
Personnel Capacity	8, including the driver and commander
Overall Length	4900 mm (excluding winch and spare wheel)
Overall Width	2200 mm (excluding mirrors)
Overall Height	2440 mm (top of roof)
Ground Clearance (Under belly)	320 mm

ENGINE

Turbo Charged Diesel Engine
168 HP

GEARBOX

Automatic, 6 speed forward, 1 speed reverse

TRANSFER BOX

Permanent four-wheel drive, 2-Speed incorporating centre differential

FRONT / REAR AXLES /

Chassis-mounted independent suspension, anti-roll bar with torsion bar and

SUSPENSION

telescopic-hydraulic shock absorbers at the front.
Chassis-mounted rigid axle with parabolic leaf spring and telescopic-hydraulic shock absorbers at the rear.

BRAKES

Air-over-hydraulic, dual line brake system

STEERING

Hydraulically assisted, forward-backward and up-down adjustable steering wheel

TYRES

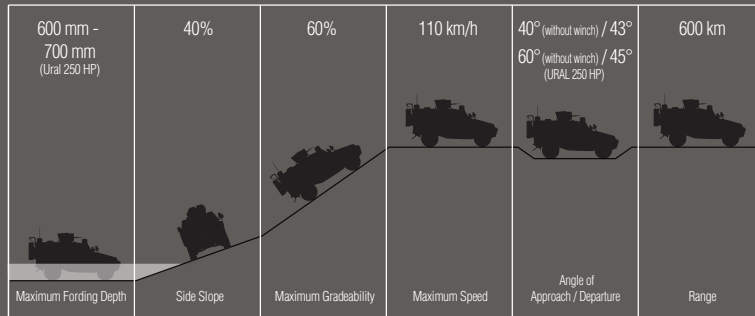
Military type run-flat and 07 x 12.5 R16.5 tyres

ELECTRICAL SYSTEM

24 Volts electrical system installation, 10 Amperes alternator, 2x12 Volts 105 Ah batteries

STANDARD FEATURES

Air conditioning system	Foldable rear step
Smoke extractor fan	LED interior lights
Main switch	Impact resistant rear view mirrors
4-point seat belt on all seats	Emergency exit hatch that can only be opened from the inside and provides ballistic protection equivalent to the hull
External start socket	Toolboxes
Front fog lamps	Easily deployable front dash and centre console for quick maintenance
Stone grills on lights and lamps	Ergonomic full size seats with headrest, foldable cushion and washable seat covers
2 way black-out system	Reclining and covered with artificial leather (vinyl) driver and commander seats with fore and aft movement, and head restraint
Two speed wiper with intermittent wipe	Spare wheel carrier at the rear
Convoy lamp	Flame retardant paint
Lifting provisions	
4 off vehicle recovery and tiedown provisions eyes at the front and rear	
Engine fire suppression system	
Raised air intake	
Gun ports all around	
Two-flap rear door	



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.

URAL 250 HP TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

Gross Vehicle Weight	8000 kg
Personnel Capacity	8, including the driver and commander
Overall Length	4900 mm (excluding winch and spare wheel)
Overall Width	2200 mm (excluding mirrors)
Overall Height	2480 mm (top of roof)
Ground Clearance (Under belly)	350 mm

ENGINE

Turbocharged Diesel Engine
250 HP

GEARBOX

Automatic, 6 speed forward, 1 speed reverse

TRANSFER BOX

Permanent four-wheel drive, 2-speed incorporating centre differential

FRONT / REAR AXLES /

SUSPENSION

Chassis-mounted all independent suspension axles, anti-roll bar with coil springs and telescopic-hydraulic shock absorbers at the front and rear

BRAKES

telescopic-hydraulic shock absorbers at the front.
Air-over-hydraulic, dual line brake system

STEERING

Hydraulically assisted, forward-backward and up-down adjustable steering wheel Left-hand drive or right-hand drive

TYRES

Military type run-flat and 325 / 85 R16 tyres

ELECTRICAL SYSTEM

24 Volts electrical system installation, 120 Amperes alternator, 2x12 Volts 105 Ah batteries

OPTIONS

Self recovery winch
Smoke grenade launchers (76 mm or 66 mm)
Tyre fire extinguishing system
External fire extinguishing system
Automatic fire suppression system for crew compartment
LED strobe lights
Public announce system
5-point seat belts
Open or closed cupolas and RCWS systems for various calibre weapons
Pan-tilt zoom camera on an extendible mast operated from inside the vehicle
10 persons capacity with 3 door configuration
9 persons capacity with 5 door configuration
Acoustic repellent device
Rifle clips
Front and rear view cameras
Cold weather package
Positive pressure system against CBRN (Chemical, Biological, Radiological, and Nuclear) threats
Provision for radio system
24V lighter jack
Light bar
Molotov cocktail protection kit
Remote controlled projector
Stone grills on all glazing
Front barricade remover
Manually adjustable roof ladder of platform and ladder for special operations

Otokar

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