

KAYA

MINE RESISTANT PERSONNEL CARRIER



Otokar



KAYA is specially designed and developed as a Mine Resistant Ambush Protected Personnel Carrier based on torsionally flexible chassis. KAYA provides enhanced mine and ballistic protection along with superior mobility in a wide range of demanding terrains under diverse climatic conditions. Single cabin monocoque body of KAYA carries up to ten troops including the driver and commander.



KAYA TECHNICAL SPECIFICATIONS

WEIGHT AND DIMENSIONS

Gross Vehicle Weight	Up to 14500 kg
Maximum Crew Capacity	Up to 10, including driver and commander
Length	6450 mm
Width	2560 mm
Height Over Hull	2650 mm
Ground Clearance	490 mm

CHASSIS

Mercedes Unimog FGA 14.5 Special Purpose

ENGINE

Mercedes, Turbo charged diesel engine
302 HP

TRANSMISSION

Automatic

TRANSFER CASE

Two speed with high and low ranges

AXLES

Permanent All-Wheel drive (4x4)
Portal axles with hub reduction gears differential locks engageable during driving, inter-axle locks and transverse locks

SUSPENSION

Progressive coil springs, telescopic shock-absorbers and stabilisers front and rear

BRAKES

Service Brake: Air brake twin circuit disc brakes with 4-channel ABS
Parking Brake + 4 Wheel Lock: Spring brake system acting on the rear wheel brake discs
Engine Brake: 2-stage, actuated pneumatically by multiple function levers at the steering column with exhaust flap and constant throttle

STEERING

Hydraulic power-assisted steering

TYRES

395/85/R20 with run-flat system

ELECTRICAL SYSTEM

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

700 km	1000 mm	500 mm	30%	1200 mm	60%	40° (w/o winch) / 48°	95 km/h
Range	Trench Crossing	Vertical Obstacle	Side Slope	Fording Depth	Gradeability	Angle of Approach/Departure	Maximum Speed

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.

STANDARD FEATURES

- Central Tyre Inflation System (CTIS)
- Radial Tyres with Run Flat Inserts
- Anti-Locking Brake System (ABS)
- Hill Start Assist
- Air Conditioning System/Heater
- 5 Point Seat Belts
- Floating Floor
- Roof Hatches
- Gun Ports and Vision Blocks
- Towing Eye
- Blackout Lighting System, NATO Type Blackout System
- Jump Start Socket
- Fog Lights
- Radio Provisions
- Ramp Door

OPTIONS

- Winterization Kit
- Driver's Vision Enhancement System
- CBRN Filtration System
- Automatic Fire Extinguishing and Explosion Suppression System
- Radio/Intercom System
- Smoke Grenade Launchers
- 360° Situational Awareness System
- Navigation System (GPS/INS)
- Self Recovery Winch
- Search Light



Otokar

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