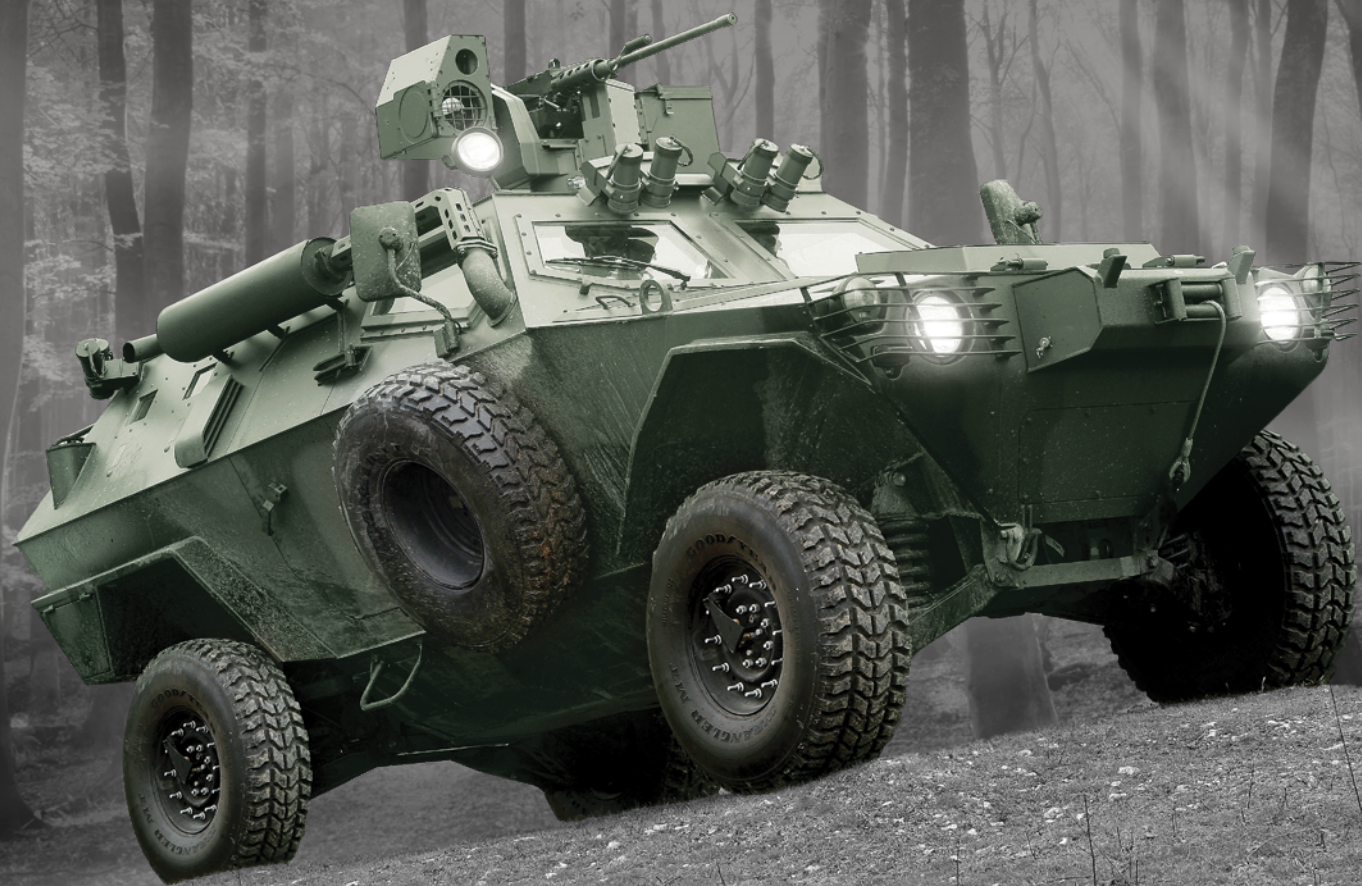


# COBRA

4x4 TACTICAL WHEELED ARMORED VEHICLE



Otokar

# RELIABLE COMPANION OF ARMED FORCES WORLDWIDE

Thanks to its remarkable ballistic protection, superior mobility as well as its modular design adaptable to various missions, a COBRA is always ready for the mission.

## Mobility and Power Systems

The powerful turbo diesel V8 engine and high power to weight ratio give COBRA superior power to navigate in the toughest terrain conditions. The Independent Suspension, the Central Tyre Inflation System along with the permanent four-wheel drive, automatic transmission and front/rear 2 speed lockable transfer box ensure the highest level of mobility. The wide wheels help for a remarkable success on any field condition.

Thanks to the optimized angles of the armored body in its monocoque hull structure, COBRA differentiates itself with remarkable protection against explosives, mines and ensures superior protection resulting an excellent level of built in survivability.

The turbo charged V8 type, 190 hp diesel engine of COBRA provides superior power for the vehicle. The engine power is affected from the altitude at minimum level. The engine is located within the armor hull and apart from its low fuel consumption; it can work with F-34 type fuel when necessary. Maintenance points are easily accessible through the wide opening front hood.

## Effective protection against mines

Mine protection was emphasized during the preliminary design phases of Cobra. COBRA is protected against A/P and A/T type mines. The seats, specially designed for absorbing the effect of mines, provide the life-safety of the crew. In addition to the steel armor, a secondary composite floor material helps absorbing the blast effect of mines.

## Ballistic protection

Keeping all the critical mechanical components within the armored hull, COBRA is protected against armor piercing (A/P) bullets of infantry rifles. The monocoque type body structure and optimized sidewall angles are designed for increasing the ballistic protection of the vehicle.

## Transportability

Compactly designed COBRA is transportable by C-130 or bigger types of transport aircrafts by CH-47, CH-53 and similar types of helicopters with appropriate lifting capacity.

Compliant to railway transportation restrictions, COBRA can be transported on wagon using railway transportation. COBRA can also be transported via standard size containers.



## Interoperable Modular Platforms



JAMMER VEHICLE



RECONNAISSANCE VEHICLE



40 mm AGU TURRETED PLATFORM



INTERNAL SECURITY VEHICLE



ANTI TANK PLATFORM



COMMAND and CONTROL VEHICLE



20 mm CANNON PLATFORM



NBC RECONNAISSANCE VEHICLE



PERSONNEL CARRIER



2.7 mm OPEN TURRET  
PERSONNEL CARRIER



ONE MANNED TURRET  
PERSONNEL CARRIER



MEDICAL EVACUATION VEHICLE

## Worldwide Integrated Logistic Support

Efficient and on time life long logistic support provided even in highest risk areas give COBRA a certain privilege. COBRA is supported by Otokar's comprehensive Worldwide Integrated Logistic Support (ILS) program providing efficient and economical long term operations.

## Amphibious Feature

Various types of COBRA can be designed with amphibious feature. Double hydraulic thrusters with joystick control allow the vehicle to navigate through water with high level stability.



## COBRA TECHNICAL SPECIFICATIONS

### WEIGHT AND DIMENSIONS

Gross Vehicle Weight	6700 kg
Maximum Crew Capacity	Up to 9, including driver and commander
Length	5480 mm (with winch)
Width	2240 mm
Height Over Hull	2100 mm
Ground Clearance	400 mm

**ENGINE** Turbo Charged Diesel Engine  
190 HP

**TRANSMISSION** Automatic

**TRANSFER CASE** Full time, 4 wheel drive with lock, 2-speed

**AXLES** Independent double A-frame, with hypoid differentials

**SUSPENSION** Helical coil suspension

**BRAKES** Servo assisted hydraulic disc brakes

**STEERING** Power assisted

**TYRES** 37x12,50 R 16,5 lt with run-flat system

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

### STANDARD FEATURES

Central Tyre Inflation System  
Radial Tyres with Run Flat Inserts  
Air Conditioning System / Heater  
Roof Hatches  
Gun Ports and Vision Blocks  
Towing Eye  
Blackout Lighting System, NATO Type Blackout System  
Jump Start Socket  
Radio Provisions  
Safety Belts for Crew  
Air Extraction Fan

### OPTIONS

Amphibious Capability  
Winterization Kit  
360° Situational Awareness System  
Electrical Self Recovery Winch (5,5 ton capacity)  
CBRN Filtration System  
Automatic Fire Extinguishing and Explosion  
Suppression System  
Radio / Intercom System  
Smoke Grenade Launchers  
Driver's Vision Enhancement System  
Night Vision Periscopes (For Driver and Commander)  
Search Light  
Navigational System (GPS/INS)  
Barricade Remover  
Fog Light

8 km/h	1000 mm	40%	60%	400 mm	800 mm	56° (w/winch) / 57°	100 km/h / 600 km
Swimming Speed (Amphibious version)	Fording Depth	Side Slope	Gradeability	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

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