



# AKREP II

ARMORED RECONNAISSANCE, SURVEILLANCE AND  
WEAPONS PLATFORM

Otokar





## Maneuverability

AKREP II's four-wheel drive system and steerable rear axle (optional) give the vehicle excellent maneuverability. Relying on the four-wheel independent suspension and swift torque control of the power pack, AKREP II can travel cross-country over challenging terrain and traverse deep mud, snow or water with equal ease. Maneuverability of AKREP II crowned by crab steering motion which comes with steerable rear axle.

## Remote Control and Autonomous Capabilities

AKREP II controls the basic mechanical components of steering, acceleration and deceleration electrically (drive-by-wire). This makes possible to remote control of the vehicle or adapt the driving assistance systems and autonomous capabilities.

## Reduced Silhouette and Signature

AKREP II has the advantage of a reduced silhouette. AKREP II can be equipped with alternative powerplants, diesel, hybrid and electric. AKREP II serves low silhouette, high mine protection and efficient fire power on the same platform. With the help of electric and hybrid drive, thermal and acoustic signature of vehicle minimized.





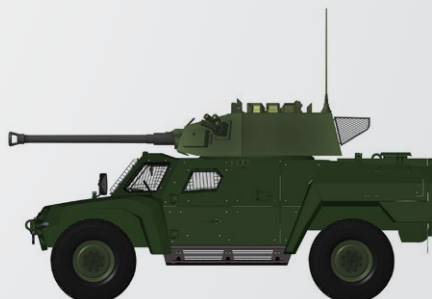


## Multi-role Vehicle

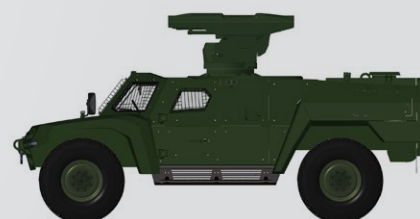
As a multi-role vehicle suitable for various mission types, AKREP II has the ability to provide effective firepower without compromising survivability. Medium caliber turrets up to 90 mm can be integrated. AKREP II can also be configured for; weapon platform for quick reaction, surveillance missions, armed reconnaissance, air defense missions, forward observer and other similar tasks.



ARMORED RECONNAISSANCE VEHICLE



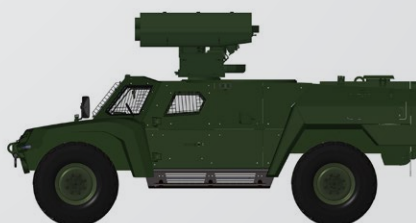
FIRE SUPPORT VEHICLE (90 mm TURRET)



ANTI AIRCRAFT MISSILE CARRIER



FIRE SUPPORT VEHICLE  
(25/30 mm TURRET)



ANTI TANK MISSILE CARRIER



FORWARD OBSERVER VEHICLE  
(ARTILLERY OR AIR FORCE)

TECHNICAL SPECIFICATIONS	AKREP II
<b>WEIGHT AND DIMENSIONS</b>	
Gross Vehicle Weight	15000 kg
Maximum Crew Capacity	3 (Driver, commander and gunner)
Length	5900 mm
Width	2500 mm
Height Over Hull	1975 mm
Ground Clearance	400 mm
Vertical Obstacle	500 mm
Fording	1000 mm
Turning Radius	8 m (6 m with rear axle steering)
<b>ENGINE</b>	Diesel (360 HP, turbo intercooler), Electric (2 x 180 kW), Hybrid
<b>TRANSMISSION</b>	Automatic 6 speed (for diesel version)
<b>AXLES</b>	With differential lock
<b>SUSPENSION</b>	Full independent suspension system with coil springs
<b>BRAKES</b>	Disc brakes with ABS
<b>STEERING</b>	Hydraulic (Rear axle steering and crab motion capability optional)
<b>TYRES</b>	395/85R20 with run-flat system
<b>ELECTRIC SYSTEM</b>	24 VDC AGM Batteries For electric drive system high voltage Li-Ion Batteries
<b>PERFORMANCE DATA</b>	
Maximum Speed	110 km/h
Side Slope	40%
Gradeability	60%
Angle of Approach	55°
Angle of Departure	40°

STANDARD FEATURES
Central Tyre Inflation System (CTIS)
Radial Tyres with Run Flat Inserts
Anti-Locking Brake System (ABS)
Air Conditioning System and Heater
5 Point Seat Belts and Floating Floor
Towing Eye, front and rear
Driver's Vision Enhancement System
Built in Diagnostics
Blackout Lighting System
LED Lighting

OPTIONS
Drive-by-wire
CBRN Filtration System
Self Recovery Winch
360° Situational Awareness System
Radio/Intercom System
Smoke Grenade Launchers
Mirror Cameras
Automatic Fire Extinguishing / Explosion Suppression System
Commander Integrated Display (Depending on Vehicle Mission)
Navigation System (GPS/INS)
Rear Axle Steering and Crab Motion Capability
BMS (With Command Post Vehicle)
Spare Wheel

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

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