



BOV M11, 4x4

Multi-role armoured vehicle family



BOV M11 represents a member of modern 4x4 BOV multi-role armoured vehicle family, intended for integration of variety of weapon systems and equipment, giving a vehicle family possibility for very wide range of combat and noncombat use at modern battlefield. BOV 4x4 multi role armoured vehicle family is intended for modern joint combat units and rapid deployment forces, highly integrated at brigade, regiment and battalion level, intended for rapid response to challenges of modern digital battlefield, characterised by wide range of tactical scenarios of low and high intensity conflicts. The vehicle is equipped with CUMMINGS 190 KS engine.

- 2 side-mounted access doors
- Three permanent and 5 additional seats
- Six ballistic protected windows and 6 loopholes
- Possibility of integration of various weapon systems and equipment
- Wide range of combat and non-combat use at modern battlefield
- Intended for modern joint combat units and rapid deployment forces
- Responses to challenges of modern digital battlefield



- Length ~ 5720 mm
- Width ~ 2530 mm
- Height (up to hull roof) ~ 1970 mm
- Clearance ~ 320 mm
- Combat weight standard/max ~ 9,3 t/10.8 t
- Engine Cummins 4-stroke, turbocharged diesel engine, water cooled, with power \geq 185 HP, max torque 550 Nm
- Gear box Mechanical, synchronized, 6 gears
- Suspension Leaf springs; hydraulically shock absorbers, telescopic with double effect
- Wheels Cross-country tires and central regulation pressure in tires
- Maximum speed on road, with standard / max. ballistic protection (weight 9.2 t / 10.8t) 108/97 km/h
- Power-to-weight ratio, with standard / max. ballistic protection (weight 9.2 t / 10.8t) 20 / 17 (HP/t)
- Maximum gradient with standard / max. ballistic protection (weight 9.2 t / 10.8t) >70 / >60 (%)
- Maximum slope with standard / max. ballistic protection (weight 9.2 t / 10.8t) 46 / >46 (%)
- Vertical obstacle ~ 0,5 m
- Trench width ~ 0,62 m
- Fording capabilities ~1,1 m
- Turning radius ~ 8 m
- Autonomy up to 600km
- Ballistic protection
 - Standard – level II at front, level I all around of the vehicle according STANAG 4569
 - Maximum – with add-on armour modules, level III at front, level II all around of the vehicle according STANAG 4569*
- Anti-mine protection Level IIa and IIb *
- Fuel tanks placed outside of vehicle, armored protected
- Ballistic glass-made windows for driver and commander, protection level I, with armored foldable hatches (total protection level II or III) and periscopes with wide field of view
- Advanced camouflage painting, decreasing of vehicle visual, near IR and thermal signature
- Available at. max vehicle weight of 10. 8 t
- Electric installation Rated voltage 24 V/DC, 2 batteries 143Ah

Driver's optoelectronic system

- Thermal imager for night driving
- CCD TV camera for driving backwards
- CCD TV camera for day driving
- LCD monitor
- Computer with GPS navigation
- Air conditioning
- Compressor, split system
- NBC protection
- Filter ventilation device for overpressure effect, with air purification filter for NBC protection
- Power generator integrated with power unit



* Programs of modification, upgrade and conversion of armored vehicles