

DOZOR-B

ARMORED VEHICLE

Light armored personnel carrier DOZOR-B is designed to protect the crew and troops from small arms fire, shrapnel and mines namely: from 7.62-mm armor piercing bullets at distance 30 meters and from shrapnel of 150 mm high-explosive shell which exploded at distance 50 meters.



Dimensions:
5600x2400x2700



Crew:
3+8



Weight:
8,45 t



Engine:
DEUTZ BF4M 1013FC



Maximum Speed:
120 km/h



Armament:

Machine gun	NSVT (KT-12,7)
Caliber	12,7 mm

Arms of light armored personnel carrier DOZOR-B allows to inflict damage on enemy manpower, light armored vehicles and as well to carry effective fire on air targets that fly at subsonic speed. The body within is covered with ballistic protection material such as «Kevlar».

Turret machine gun unit with remote control MGU-12,7, with a television camera, thermal vision cameras and laser rangefinder. Television camera with wide and narrow field of view. The spectral operating range of thermal imaging cameras 8-12 microns. The wavelength of the laser rangefinder is 1.06 microns. Ammunition-150 bullets. Aiming angles vertically-from -5° to + 60°, by the horizon-360°.

Engine - four stroke four cylinder diesel with turbocharging DEUTZ BF 4M1013FC capacity of 190 hp
Automatic transmission Allison LCT 1000
Independent suspension, torsion bar on wishbone.

The vehicle is equipped:

- air conditioning system and air cleaning
- ventilation system with forced air circulation and removal of powder gases when firing small arms
- liquid type heating system
- centralized paging wheels system
- communications equipment
- satellite navigation system
- winch with a pulling force of 4100 kg

