



Upgraded IFV BMP1 TO BMP2



Tactical Specifications

Upgraded armored vehicle BMP1, a fully tracked amphibious vehicle, capable of high mobility, is provided with armament and armor protection and deployed to encounter enemy's ground and aerial targets.

Features

- Armed with 30mm gun of double link belt, operated automatically (stabilizer) in azimuth and elevation.
- Provided with a 7.62mm machine gun, mobile and stationary missile launcher and smoke grenade.
- Provided with night and day observation devices.
- Provided with systems of NBC protection, automatic fire fighting and smoke screen.
- Provided with communication and navigation facilities, intercom and gyroscope.



TECHNICAL SPECIFICATIONS

Type of vehicle	Full tracked amphibious
Weight	Max. 14+2 T
Type of engine	Diesel, 4-stroke, 6-cylinder V-arrangement, water-cooled
Max. rated power	285 - 300 hp. at 2600 RPM
Output torque	883 to 1030N/M at 1500-1600 RPM
Gearbox	Mechanical, 5 forward gears, 1 reverse gear
Max. speed	65 km/h
Negotiability of cross trenches	Max. 2.2 m
Negotiability of vertical obstacle	Max. 70 cm
Negotiable gradient	35 deg.
Negotiable side slope	25 deg.
Cruising range on paved road	500-550 km
Power to weight ratio	Min. 20.30 to 21.71 hp./ton
No. of crew	3 (driver, gunner & commander) and 7 soldiers
Overall dimensions	673.5 × 315 × 255 cm
Suspension system	Torsion bar and hydraulic shock absorbers
Electrical system	Negative body, 24 V
Pneumatic system	Max. air pressure 135-165 bar
Min. air pressure	14-16 bar

TURRET SPECIFICATIONS (ARMAMENT)

Main armament model and caliber	Gun 30 mm, 2A42
Secondary armament model and caliber	PKT 7.62mm M.G coaxial with gun Konkurs anti-tank missile launcher Smoke grenade launcher
Gun rate of fire(high/low)	550 / 200-300 round/min.
Gun effective range for ground targets	2000 to 4000 m (depending on type of round)
Gun effective range for aerial targets	1000 m
Gun feeding mechanism	2 separate link belt
Type of gun ammunition	Highly explosive, tracer anti-personnel, tracer anti-armor
Gun ammunition allowance	500 Rounds
Gun loading mechanism	Manual and automatic using primer
Gun fire coverage	360 deg.in azimuth, and 5-75 deg.in elevation