

TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

B-10 Portable Tripod-mounted Recoilles Cannon calibre 82 mm

Main Characteristics: The 82mm B-10 is a lightweight man-portable anti-tank and anti-armoured recoilles cannon, normally carried by two soldiers, crewed by four and mounted on a tripod for effective aiming and firing. It was developed by Soviet Union for light mobile infantry and paratrooper units in order to effective battle against armored vehicles. It fires special 82mm projectiles with either HEAT or HE-FRAG warheads. The weapon consists of a large barrel, with a PBO-2 sight mounted to the left. It can be towed using a small two-wheel carriage and may be mounted on the vehicles like pick-ups and other 4x4 vehicles. Rounds are inserted into the weapon through the breech, and percussion fired using a pistol grip to the right of the barrel. The provided PBO-2 optical sight has a 5.5x zoom direct fire sight and a 2.5x zoom sight for indirect fire. The B-10 fires mortar-like projectiles at a rate of fire of 6 to 7 rounds per minute. High explosive rounds are used against infantry and HEAT rounds against light armoured vehicles.



B-10 Portable Recoilles Cannon Basic Tactical-Technical Characteristics	
Field gun Type	Man-portable Tripod-mounted Recoilles Cannon
Recoilles gun Producer	KBM Arms Plant – Russia (Former Soviet Union)
Caliber/Cartridge	82mm smoothbore (BK-881 and O-881 special projectiles)
Weight of weapon	56,5 kg (without tripod), 71,5 kg (with tripod)
Weapon Length	1 850 mm
Weapon height	0,9 m (1,05 m width allowing full weapon traverse)
Weapon crew	3 - 4 (commander, gunner and 1(2) loaders) – manually breech loaded
Rate of Fire	6 – 7 rounds/min (theoretical), 4 – 5 rounds/min (practical)
Muzzle velocity	320 – 340 m/s
Max. effective range	800 m (with using optical 5,5x sight PBO-2) – 4.500 m (max.firing range)

Standard Weapon Equipment & Accessories:

- Recoilles cannon with openable breech assembly
- 1 pcs of 5,5x Optical sight PBO-2 aiming device
- 1 pc of Movable adjustable weapon support
- 1 pc of Adjustable folding carriage tripod
- 1 pc of Barrel protective caps set
- 1 pc of cleaning-kit and tool-kit Carrying bag
- 1 pc of Small spare parts and tools maintenance kit
- 1 pc of Standard cleaning kit incl. cleaning rod, brush, oilcan and rag

