

TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

PORTABLE TRIPOD-MOUNTED RECOILLESS CANNON

73 mm SPG-9

Main Characteristics: The 73 mm SPG-9 is a lightweight man-portable anti-tank and anti-armoured recoilless cannon, carried by two soldiers, crewed by four and mounted on a tripod for effective aiming and firing. The 73 mm SPG-9 fires fin-stabilised, rocket-assisted projectiles with either HEAT or HE warhead similar to those fired by the 73 mm 2A28 Grom low pressure gun of the BMP-1 armoured vehicle.

The propellant charge is wrapped around a boom which extends behind the folded fins and terminates in a perforated disc of bore diameter. The 73 mm SPG-9 is towed weapon using a small two-wheel carriage and may be mounted on the vehicles like pick-ups and other 4x4 vehicles.

The optical sight is provided and designed for a direct fire. This construction bestows some ballistic advantages and allows the extension boom to break free from the rest of the projectile but be ejected from the gun muzzle.

The rocket-assisted projectiles PG-9V (HEAT) or OG-9V (HE) consists of the warhead and a tubular rocket motor which is ignited by a delay element shortly after ejection from the muzzle of the gun.



SPG-9 Portable Recoilless Cannon Basic Tactical-Technical Characteristics	
Field gun Type	Man-portable Tripod-mounted Recoilless Cannon
Recoilless gun Producer	Tula Arms Plant – Russia (Former Soviet Union)
Calibre/Cartridge	73mm smoothbore (PG-9V and OG-9V rocket assisted projectiles)
Weight of weapon	47,5 kg (without tripod), 59,5 kg (with tripod)
Weapon Length	2 110 mm
Weapon height	0,8 m (0,99 m width allowing full weapon traverse)
Weapon crew	2 (1 gunner and 1 loader) – manually breech loaded
Rate of Fire	5 – 6 rounds/min (theoretical), 3 – 4 rounds/min (practical)
Muzzle velocity	350 – 435 m/s
Max. effective range	1.200 m (with using optical 4x sight PGO-9 or passive night PGN-9)

Standard Weapon Equipment & Accessories:

- Recoilless cannon with open able breech assembly
- 1 pcs of 4x Optical sight PGO-9 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
- 1pc of User's manual and Service handbook

