

## TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

### SPG-9 Portable Tripod-mounted Recoilles Cannon calibre 73 mm

**Main Characteristics:** The 73 mm SPG-9 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 and 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 armored vehicle. The propellant charge is wrapped around a boom which extends behind the folded fins and terminates in a perforated disc of bore diameter. It can be towed 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 for a direct fire. This construction bestows some ballistic advantages and also 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 Recoilles Cannon Basic Tactical-Technical Characteristics	
<b>Field gun Type</b>	Man-portable Tripod-mounted Recoilles Cannon
<b>Recoilles gun Producer</b>	Tula Arms Plant – Russia (Former Soviet Union)
<b>Caliber/Cartridge</b>	73mm smoothbore (PG-9V and OG-9V rocket assisted projectiles)
<b>Weight of weapon</b>	47,5 kg (without tripod), 59,5 kg (with tripod)
<b>Weapon Length</b>	2 110 mm
<b>Weapon height</b>	0,8 m (0,99 m width allowing full weapon traverse)
<b>Weapon crew</b>	2 (1 gunner and 1 loader) – manually breech loaded
<b>Rate of Fire</b>	5 – 6 rounds/min (theoretical), 3 – 4 rounds/min (practical)
<b>Muzzle velocity</b>	350 – 435 m/s
<b>Max. effective range</b>	1.200 m (with using optical 4x sight PGO-9 or passive night PGN-9)

#### Standard Weapon Equipment & Accessories:

- Recoilles cannon with openable 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, oil can and rag

