

TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

RPG-75 Hand-held Anti-tank Grenade Launcher calibre 68 mm

Main Characteristics: The RPG-75 is a portable, disposable, single-shot anti-tank weapon, developed in the 1970s in Czechoslovakia (nowadays Czech Republic). It fires a 68 mm special shaped anti-tank grenade with a HEAT warhead of weight 0,81 kg with effective range of 300 meters and maximum range of 1.000 meters. It resembles the American M72 LAW rocket launcher. This RPG is recommended to be used against light tanks, armoured wheeled and tracked vehicles, armoured personnel carriers, fortified enemy positions as well as in urban warfare. The RPG-75 has cumulative breakthrough effect on 330 mm thick homogeneous armor (RHA) at 0° angle by a distance of shooting up to 300 m. The RPG-75 is a telescopic portable reactive recoilles infantry support weapon. The length of tube in transport position is only 630 mm (retracted) and length in firing position is 890 mm (extended). The RPG-75 grenade launcher consists of two parts telescopically spreads: pipes and the combustion chamber with the nozzle. Sights RPG-75 consist of sight and foresight. The sight is hinged on the tube of the trigger. Grid sight consists of one vertical and four horizontal wires, the position of which corresponds to distances shooting at 100, 200, 250 and 300 m on one of them there are two marks to correct for lateral movement of the target (at a speed of 25 km/h at a distance of approximately 225 m). The stabilization of the projectile is achieved by an appropriate weight distribution as well as the special aerodynamic shape of the projectile.



RPG-75 Hand-held A-T Grenade Launcher Basic Tactical-Technical Characteristics	
A-T launcher Type	Single-round Hand-held Anti-tank Grenade launcher/Reactive weapon
A-T launcher Producer	Zbrojovka Brno – Czech Republic (Former Czechoslovakia)
Caliber/Cartridge	68mm smoothbore (PG-7V 86mm grenade projectiles)
Weight of weapon	3,25 kg (with projectile), 0,81 kg (projctile weight)
Weapon Length	890 m (extended tube - ready to fire position)
Barrel length	633 mm (retracted tube - transport position)
Weapon crew	1 - gunner (single-round weapon)
Armour penetration	330 mm RHA (at 0° angle)
Muzzle velocity	189 m/s
Max. effective range	200 m (against mobile target) – 300 m (against stationary target)

Standard Weapon Equipment & Accessories:

- Anti-tank grenade launcher extendable barrel tube
- 1 pc of Anti-tank HEAT projectile RPG Mod.75
- 1 pc of Iron mechanical sights (front and rear)
- 1 pc of Carrying weapon shoulder strap
- 1 pc of Carrier rucksack for 3 pcs of grenade launchers

