



TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

NSVS Heavy Machine Gun calibre 12,7x108mm

Main Characteristics: The NSVS - 12.7x108mm high-calibre machine gun is a modified and redesigned version of original Russian design that entered service in 1998 whereby nowadays is under production in Slovakia (EU) - the original NSV machine gun has been modified and technically improved to advanced version which is now very similar to modern KORD heavy machine gun. Externally the weapon resembles the NSV, however, the internal mechanism has been modified, changing from a horizontally pivoting breech block to a rotating bolt design. Additionally the gas system has been changed and the muzzle baffle redesigned. These changes give the weapon reduced recoil compared with the NSV, allowing greater accuracy during sustained fire. The firing mechanism is very rugged, yet is capable of a greater rate of fire and significantly less recoil. Because a new barrel made of a high-tech alloy minimizes distortion and drop, accuracy has increased tremendously over previous Soviet machine guns. Unlike its predecessor, it may be fired from a bipod - a rather unique feature for 12.7 mm/.50 caliber heavy machine guns. Its relatively light weight and lesser recoil allows stronger soldiers to move the gun around without assistance. The machine gun is chambered for 12,7x108mm ammunition and primarily designated for defeating the lightly armoured targets, fire installations and living force of enemy at the distance up to 1.500 – 2.000 m and for the defeat of air targets at slant distances of up to 1.500m as well.



NSVS Heavy Machine Gun Basic Tactical-Technical Characteristics	
Machine gun Type	Automatic Heavy Machine Gun
Machine gun Producer	Compel Industries – Slovakia (European Union)
Caliber/Cartridge	Standard 12,7x108mm
Weight of weapon	32 kg (without tripod), 60 kg (with tripod)
Weapon Length	1 980 mm
Barrel Length	1 348 mm
Magazine capacity	Belt-fed with 50 round belts (detachable box magazine)
Rate of Fire	650 – 750 rounds/min (theoretical), 200 rounds/min (practical)
Muzzle velocity	860 m/s
Max. effective range	1.800 m

Standard Weapon Equipment & Accessories:

- Machine gun with breech assembly and muzzle brake
- 5 pcs of standard Ammo boxes with 50-rounds belts
- 1 pc of Movable adjustable weapon support
- 1 pc of Adjustable folding carriage tripod
- 1 pc of water-proof Barrel protective cap
- 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

