

TECHNICAL SPECIFICATIONS AND BASIC CHARACTERISTICS

KPV(T) High-Calibre Heavy Machine Gun cal. 14,5x114mm

Main Characteristics: The KPV(T) - 14.5mm heavy machine gun is a Soviet designed and chambered for 14,5x114mm high-performance ammunition, which first entered service as an infantry weapon (designated as *PKP*) in 1949. In the 1960s the infantry version was taken out of production because it was too big and heavy. It was later redesigned for anti-aircraft use, because it showed excellent results as an A-A gun, with a range of 3.000 meters horizontally and 2.000 meters vertically against low flying targets. It is also used in the ZPU series of anti-aircraft guns and its size and power also made it a useful light anti-armour weapon on the BTR series of vehicles and the BRDM-2 armoured recon car. This version - KPVT is used for armoured vehicle installations, boats, movable and stationary mounts incl. various anti-aircraft mounts. It features a shorter receiver and a heavier barrel jacket. It is intended for fighting against light armoured targets, weapons systems and light shelters at the distances of up to 3.000 m, as well as air targets at distances up to 2.000 m. The KPVT is air-cooled and fitted with barrel with a hard chrome plated bore. It uses a short recoil operation system with gas assistance and a rotary bolt. It can be fed with the 50-round metallic belt from either the left or right side. The barrel can be removed by turning the prominent latch on the forward end of the receiver and pulling on the barrel's carrying handle.



KPV(T) Heavy Machine Gun Basic Tactical-Technical Characteristics	
Machine gun Type	Automatic High-Calibre Machine Gun
Machine gun Producer	Degtyarev plant – Russia (Former Soviet Union)
Caliber/Cartridge	Standard 14,5x114mm
Weight of weapon	49 kg (without tripod), 88 kg (with tripod)
Weapon Length	1 980 mm
Barrel Length	1 346 mm
Magazine capacity	Belt-fed with 50 round belts (detachable box magazine)
Rate of Fire	550 – 650 rounds/min (theoretical), 150 rounds/min (practical)
Muzzle velocity	1 005 m/s
Max. effective range	2.000 – 2.200 m

Standard Weapon Equipment & Accessories:

- Machine gun with mono-barrel breech assembly
- 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 Infantry muzzle brake for tripod shooting
- 1 pc of Water-proof Barrel protective caps set
- 1 pc of Spare barrel wooden carrying holder
- 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
- 1 pc of Hand-operated belt loader (1 pc for each Machine gun)

