

RHEINMETALL MACHINE GUN RMG.50



The newly developed 12.7 mm cal. Rheinmetall Machine Gun RMG.50 is an advanced version of the classic multifunctional machine gun, capable of firing conventional and enhanced performance ammunition. The enhanced performance rounds in combination with significantly increased hit efficiency are considerably more effective than previously fielded types of ammunition in this calibre. Externally powered, the RMG.50 can be equipped with single or double ammunition feed. After selection of ammunition the ammunition of choice will be fired (no missfire). Spent cartridges are fed back into the ammo boxes. These ammo boxes can be individually adapted to meet the requirements of the particular application.

State-of-the-art materials and coating technologies mean considerably lower weight and substantially longer barrel life. Almost completely encapsulated, the system is largely impervious to grime, greatly reducing the likelihood of a malfunction.

Adjustable rates of fire and burst lengths result in substantial reduced recoil in comparison to conventional .50 machine guns, making the RMG.50 ideal for remotely operated weapon stations. In addition, the RMG.50 can be cradle-mounted on vehicles and used as secondary armament for tanks and infantry fighting vehicles; it is also suitable for dismounted operations and for arming tactical aircraft.

Technical Data	
Calibre	12.7 mm x 99
Rate of fire	variable, max. 600 rounds per minute
Range	
Maximum engagement range	1,500 m
Main engagement range	1,200 m
Armoured targets	200 m
Firing modes	
Single shot	
Burst	
Sustained fire	
Sniper mode	
Length, total	approx. 1,460 mm
Barrel length, including muzzle brake	1,140 mm
for enhanced performance ammunition	1,400 mm
Weight, total	approx. 25 kg
Operation	externally powered
Number of ammunition types	
one or two ammunition types, belted	
Ammunition feeding	
single or double ammunition feeding with feedback of empty cartridges	

Technical data subject to modifications.

Key Characteristics

- Variable rate of fire
- Single shot, burst, scalable sustained fire and sniper modes
- Low recoil
- Externally powered
- No ejection of spent cartridges
- Nano coating
- Long barrel life
- Low weight
- Fast barrel changing