



7.62 mm MG3

Machine Gun

The MG3 is a short recoil-operated, belt-fed, heavy-barrelled, air-cooled machine gun suitable for bursts and sustained fire. It can be fed from the DM1 continuous belt or either the DM6 or the US M13 disintegrating link belts. In the loaded state the sear always holds the bolt in rear position and therefore the possibility of "cook-off" is eliminated.

Barrel changing is quick and simple. The gun can easily be field-stripped into its main components without tools.

The short-recoil action and the recoil-buffer unit reduce felt recoil and muzzle climb to the minimum and thus contribute to accuracy.

The cold-hammered barrel is made of special high-strength steel and its chamber and bore are chrome-plated for long service life.

All other metal components are also made of special steel while the stock is made of high-strength plastic.

The weapon can also be supplied with a receiver and cap and no stock.

The sighting system includes a folding slide-type rearsight (moving on a ramp) with a V-notch which is adjustable for elevation out to 1.200 m. (Windage is adjusted by moving foresight in dove-tail). A folding AA sight is also included.

Thanks to its portability, ruggedness, high accuracy and reliability, versatility and simplicity of operation and maintenance this machine gun is highly favoured by all military units of many countries.

The MG3 can be used in the assault, support or defensive roles and for fighting against point or mass targets.

It can be installed on armoured vehicles, patrol boats or in helicopters.

The bipod, which is the usual mount, can quickly be attached and removed. For ground fire applications, the alternative mount, which contributes to even greater stability, accuracy as well as versatility, is the tripod.

A pedestal mount for using the MG3 on patrol boats and a specially designed mount for helicopter-door mounting of the gun are also available.

The weapon is supplied with a carrying sling and a complete field-service kit.

Technical Data

Method of operation

Short recoil

Method locking

Roller locking

Type of fire

Automatic(burst and sustained fire)

Feed

Link belt

Barrel

Calibre: 7.62 mm (7.62 mm X 51 NATO ammunition)

Rifling: Polygonal RH

Cooling: Air. Quick change barrel

Sights

Foresight: Folding barleycorn

Rearsight: Folding slide type with V-notch. Graduated for 200 to 1200 m by 100 m increments

Sights are adjustable for windage and elevation

Sight radius: 430 mm

AA sight: Folding type

Muzzle velocity

820 m/s

Muzzle energy

3150 J

Rate of fire (cyclic)

1000 to 1300 rounds/min

Effective range

650 m

Maximum effective range

1200 m

Weights

Weapon without bipod: 10.5 kg

Bipod: 1.06 kg

Barrel: 1.8 kg

Lengths

Weapon with stock: 1225 mm

Weapon with receiver and cap: 1075 mm

Barrel with extension: 565 mm

Data subject to change without notice.



MG3

Tripod Mount

MG3 Tripod Mount

This rugged, lightweight, spring-buffered tripod mount, which is equipped with a firing mechanism, is used with the MG3 machine gun for ground fire applications.

For maximum strength and lightness, the mount is made mainly of aluminium alloy except for the cradle and some other components which are of special steel construction.

The gun can be installed on the mount and removed from it easily and quickly. The rear legs of the tripod can be folded to allow use in a small weapon pit. A spirit level enables the tripod mount to be set up horizontally.

The mount can be adjusted for traverse and elevation and is equipped with locking- and searching-fire features. The upper mount (with the weapon attached) can quickly be released from the elevating mechanism to allow for all-round (360°) fire.

A dovetail socket, which is adjustable for windage and elevation, serves to fit a periscope-type dial telescopic sight allowing the gunner to operate the weapon without unduly exposing himself.

This ergonomically designed mount enhances the versatility of the weapon, contributes to greater stability and accuracy and guarantees higher performance and effectiveness for the

B1-H/MG3

Naval Pedestal Mount

MG3 machine gun.
The mount can be folded and easily transported on the back of a soldier by means of attached back pads and carrying slings.

B1-H/MG3 Naval Pedestal Mount

The B1-H/MG3 is a strongly built, special-steel pedestal mount designed for the MG3 machine gun with the purpose of using this weapon on patrol boats for naval engagements.

The ammunition is fed by means of an ammunition box supported on a specially designed tray.

The gun can be installed on the mount and removed from it easily and quickly. The pintle and cradle assembly group is secured to the pedestal (against uncontrollable separation) by means of a spring-assisted lock located near the top of the pedestal and engaging in a groove in the pintle.

The cradle can be locked in the horizontal position at 0° traverse by means of two locking pins attached to the pintle by chains.

This ergonomically designed mount increases the versatility of the weapon (used on a patrol boat) by allowing a 298° traverse, 30° elevation and 15° depression, contributes to great stability and accuracy and guarantees higher performance and effectiveness for the gun.

Technical Data MG3 Tripod Mount

Aiming range (ALL-ROUND FIRE is possible)

Traverse: ± 290 mil (580 mil total)

Depression/Elevation: -150/+100 mil

Barrel height, max./min

640/352 mm

Length/Width/Height (folded): 760/625/370 mm

Weight

11.8 kg

Periscope-type dial telescopic sight (fitted to the upper mount) is available

Data subject to change without notice.

Technical Data B1-H/MG3 Naval Pedestal Mount

Aiming range

Traverse: ± 149° (298° total)

Depression/Elevation: -15°/+30°

Barrel height

1380 mm

Weight: 92.9 kg

