

GENERAL PURPOSE MACHINE GUN

SS77 Mk1 7,62 mm x 51 mm



DENEL LAND SYSTEMS



SS 77 GENERAL PURPOSE MACHINE GUN

The SS77 is a General Purpose Machine Gun (GPMG), firing 7,62 mm x 51 mm ammunition. The SS77 is gas-operated, firing from an open breech, with positive side-locking. The weapon has a quick-release barrel, folding bi-pod and butt. The SS77 is a belt-fed machine gun capable of firing various types of non-disintegrating and disintegrating belts with a wide range of ammunition, typically ball-, tracer- and armour piercing, without any changes required to the weapon.

The SS77 GPMG maintains a high level of accuracy, stability and reliability.

The 7,62 mm SS77 GPMG can be used as a light machine gun or in a sustained fire role. The configuration of the weapon makes it a flexible and portable weapon, which is highly suited for use on armoured vehicles and as a platoon-, section- or paratroops weapon and weighs 9,6 kg.

Ammunition is fed from the left by non-disintegrating (DM1) belt, or alternatively by disintegrating (NATO M13 or R1M1) link belts in either 100-round dustproof pouches fitted to the weapon, or from plastic, waterproof and rigid boxes containing 200 rounds.

To cope with extreme environmental conditions, the weapon is fitted with dust covers on the feed cover and ejection slot.

The feed mechanism housed inside the feed cover, like the feed tray, is linked to the central section of the receiver. The cartridge is guided by a bullet lead into the chamber.

The weapon has a folding butt for compactness and easy handling, which makes it ideally suited for paratroopers.

The rear sight consists of a leaf sight graduated for ranges from 20 m to 800 m in the horizontal position and from 800 m to 1 800 m in the vertical position.

The sights are fitted with a Tritium-light (luminous) sight which allows firing under night conditions.

TECHNICAL SPECIFICATIONS

Calibre	7,62 x 51 mm
Effective range	1 800 m
Ammunition	M80
Link type	R1M1, M13, DM1
Operation	Gas
Method of locking	Side-locking
Method of feed	Belt feed
Firing rate	700 – 900
Muzzle velocity	840 m/s
Rifling	1:12 RH 4-grooved
Sight radius	815 mm
Mass	
• Weapon	(10,14 std) (10,26 Piccatiny)
• Barrel	2,56 kg
Lengths	
• Overall	1 170 mm
• Butt folded	950 mm
• Barrel	585 mm
Logistic support	
Training	
Service back-up	



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