

7.62x54 mm ARSENAL Machine Gun

MG-1MS

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NSN: 1005-50-001-0624

The 7.62x54 mm ARSENAL Machine Gun **MG-1MS** is a modern version of the PKM, a powerful automatic weapon used against enemy troops, vehicles, and reinforced structures. Comparable to the U.S military medium machine gun, the M240B and M240G, the MG-1M is considerably lighter (approx. 7 lbs.), fires a larger round, and uses a non-disintegrating belt for the cartridge. Considered one of the most reliable machine guns still in service throughout the world, the **MG-1MS** is an overall excellent choice for firepower. Utilizing a fluted barrel, this design allows increased cooling surface of the barrel and is specifically intended to allow operation of the weapon in heavy climatic conditions (tropic and desert), which are typical for the regions of Middle East, south-east Asia and Africa. This model comes standard with the Bi-Pod and Tripod.

In general, the 7.62 mm MG-1MS preserves all technical characteristics of PKS and PKMS, but the results of the endurance test show that the System life and the barrel life of MG-1MS are increased in about 30% in comparison with PKMS, which is a result of some changes of the mechanisms and the increased cooling surface of the barrel.

Main Features:

- Chrome lined, cold hammer forged barrel providing an extremely durable and long-lasting barrel that also allows for use of corrosive and surplus ammunition if needed
- Modern design of the Flash Suppressor-Compensator.
- Butt and Hand guard, made of high quality and resistant glass fiber reinforced polycapromamide, not effected after heating by direct sun light, corrosion and humidity resistance, light and firm.
- Feeding by 100- or 200-round metal belt, put in a box.
- Spare barrel – for changing out when overheating during combat or training
- Fluted barrels to increase cooling and barrel life
- Includes the Arsenal Tripod that can also be converted to free swinging to engage aircraft.

Extras (Paid Separately):

- blank firing attachment - set (bushing & frame);
- rail for sighting devices;
- Additional metal belts (100 rd. or 200 rd.);
- Additional ammo boxes;
- Additional spare barrel (each unit comes with (1) spare barrel to start);
- Repair kit and Armor kit packages available



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SPECIFICATIONS	MG-1MS
Calibre, mm	7.62
Cartridge, mm	7.62x54
Fire mode	Automatic
Rate of fire, rounds/min	600...700
Practical rate of fire, rounds/min	250 max
Muzzle velocity, m/s	825
Sighting range, m	1500
Maximum firing range, m	3800
Maximum effective firing range, m	1000
Ammunition box capacity, number of rounds	200
Barrel length, mm/in	605 mm / 23.8 in
Sight radius, mm/in	663 mm / 26.1 in
Overall length, mm/in	1160 mm / 45.6 in
Weight without ammunition box, kg/lbs.	9.0 kg / 19.8 lbs.
Weight of tripod, kg/lbs.	4.5 kg / 9.9 lbs.
Weight of loaded ammunition box, kg/lbs.	
- box with belt of 200	6.5 kg / 14.3 lbs.
System life, rounds	25 000
Principle of function	gas operated automatic machine gun

ACCESSORIES	
Cleaning rod	Sling
Bag with spare parts consisting of: <ul style="list-style-type: none"> - Firing pin; - Extractor; - Extractor spring; - Extractor pin; - Locking pin of Extractor pin. - Extracting device for split cartridge 	Box with accessories; (brush, drift, scourer, screwdriver)
	4 pcs. metal belt for 200 cartridges
	4 pcs ammunition box for 200 rds. capacity each
	Canvas carrying bag for spare barrel
	Canvas carrying bag for machine gun
	2 pcs Cross strap
Strap for fixing 2 pcs ammunition boxes to the travelling position	Breast strap

PACKING	
Number of machine guns in one wooden case	1
Case dimensions, mm/in	1330 x 525 x 350 mm / 52.3 x 20.6 x 13.7 in
Weight of the wooden case, kg/lbs.	53 kg / 116.8 lbs.
Volume of the wooden case, m ³	0.25 m