

# 40x46 mm ARSENAL Multi-shot Grenade Launcher MSGL-M

**40x46 mm MSGL-M**  
**NSN: 1010-50-001-5381**

The 40x46 mm ARSENAL Multi-Shot Grenade Launcher **MSGL-M** is a perfect semi-automatic weapon for the Army, Border Police, Law Enforcement and Special Police Units, used for destruction of enemy's manpower (single or group targets) in an open area, or in trenches and light shelters of field type, at distance up to 400 m. It is also good against light or unarmored vehicles, breaching secured doors, signaling or marking target areas with smoke, deploying gas canisters for crowd control (LE), and destroying enemies positioned in defilade.

**The overall length of the Round fired from MSGL-M should NOT be more than 134 mm**

## **Main Features:**

- revolver type launchers - 6-round drum;
- Ability to load different type rounds in each slot;
- Durable construction to withstand rough handling;
- chromium plated barrel bore, which prolongs the life of the weapon;
- The metal surface finish provides corrosion resistance of the weapon;
  - Makes the Launcher suitable for using in different climatic conditions – rain, snow, salt water and high temperatures;
- ammunition - low velocity grenades caliber 40x46 mm with length;
- for MSGL not more than 105 mm; for MSGL-L not more than 135 mm;
- Picatinny rails (MIL-STD-1913) on three sides (Left, Right, Bottom)
- Easy stripping, assembly and maintenance;
- Telescopic stock – perpendicular to receiver;
- Sighting System is mechanical, frame mounted, taking into account the ballistics of the grenade;
  - Sight is folded when not in use;



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<b>SPECIFICATIONS</b>	<b>MSGL-M</b>
Calibre, mm	40
Ammunition	<b>Low Velocity Rounds manufactured by ARSENAL JSCo:</b> RLV-HEF, RLV-HEFJ, RLV-TB, RLV-AD, RLV-P, RLV-SMK, RLV-ILL-WS, RLV-S & F etc.  <b>Other manufacturers:</b> all caseless Rounds for GP-25
Max. range of fire, m	up to 400
Effective range at area targets, m	up to 350
Effective range at single targets, m	150
Practical rate of fire, rounds/ min	12
Muzzle velocity, m/s	not less than 75
Weight of unloaded launcher, kg/lbs.	7.0 kg / 15.4 lbs.
Fire mode	discontinued, single shots
Weapon length, mm/in	
- with extended stock	431 mm / 16.7 in
- with collapsed stock	306 mm / 12.0 in
- in firing position	525 mm / 20.7 in
- in travelling position	388 mm / 15.2 in
Weapon height, mm/in	
- in combat/firing position	262 mm / 10.3 in
- in transport position	200 mm / 7.8 in
Weapon width, mm/in	162 mm / 6.3 in
System life, rounds	up to 1 000

<b>ACCESSORIES</b>	
Bag for the launcher, pc.	1
Bag for 12 rounds, pc.	1
Brush, pc.	1
Cleaning rod, pc.	1
Sling, pc.	1
Set of spare parts, tools and accessories (SPTA) for 5 launchers, set	1
Box with accessories: drift, screwdriver	1

<b>PACKING</b>	<b>MSGL-M</b>
Number of launchers in one wooden case, pcs.	5
Wooden case dimensions, mm/in	1330 x 525 x 350 mm / 52.3 x 20.6 x 13.7 in
Wooden case gross weight, kg/lbs.	80 kg / 176.3 lbs.
Wooden case volume, m <sup>3</sup>	0.244 m