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Multiple Grenade Launcher
RBG-6
40 mm



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RBG-6



Multiple Grenade Launcher Type RBG-6, cal.40x46mm, is a lightweight, semi-automatic, shoulder-fired grenade launcher for infantry use. It fires the widely used 40x46mm grenade, the lowvelocity family of grenades.

RBG-6 is based on the revolver principle with a spring-driven, gas-operated cylinder.

The weapon is equipped with a three-position folding stock. When fully extended the stock is almost parallel with the bar-

rel. It is locked in that position for shorter ranges and as the range increases, the stock can be raised slightly to facilitate sighting.

The weapon is fitted with an Occluded Eye Gunsight (O.E.G.), which means that the weapon is fired with both eyes open. One eye looks into the sight and focuses on the red line, while the other eye has unobstructed view of the target. The sight is fully operational in both good and poor weather conditions as long as the target is visible.



When fully extended, the stock is almost parallel with the barrel. It is locked in that position for shorter ranges. As the range increases, the stock can be raised slightly to facilitate sighting. The 40 mm Grenade Launcher is fitted with an Occluded Eye Gunsight (O.E.G.), which means that the weapon is fired with both eyes open. One eye looks into the sight, and the other eye then has an unimpeded view of the target. The sight is operational in poor light conditions as long as the target can be seen. The sight is calibrated in 25-metre increments, from zero to 375 meters, and is cammed to the left.

The weapon operates on revolver principle with a spring-driven gas operated cylinder. To open the weapon for loading, grasp the pistol grip with your right hand and the fore grip with left one. Immediately in front of the cylinder, attached to the

centre pin, there is a semi-circular piece of metal. Pulling it with your left thumb release the pistol grip and back plate. Then, swing away the pistol grip to the right, exposing the six chambers. After loading and pressing the trigger, the firing pin is cocked and released to the grenade. to compensate automatically for drift.

Gas pressure on the piston unlocks the cylinder and allows the spring to rotate it until the next chamber is aligned with the firing pin, whereupon the next round can be fired. Standard accessories include a bag with cleaning rod and oil bottle. A variety of rounds such as HE, HEAT, anti-riot baton, pyrotechnic or irritant can be fired at a rate of one per second. The RBG-6 also fires Mod94 40 mm low velocity grenades to a maximum effective range of 375m



RBG-6

Product Specifications:

Calibre	40 x 46 mm
Operating system	Semi automated gas operated
Firing position	Shoulder fired
Trigger firing position	Double action
Handling & operation	One man weapon
Length (Butt folded)	566 mm
Length (Butt extended)	777 mm
Height	260 mm
Width	158 mm
Weight empty	5.4 - 5.5 kg
Minimum range	30 m (depending on arming distance of grenade - example - Croatian grenade has arming range 12-18m)
Maximum range	400 m
Effective range	375 m
Muzzle velocity	76 m/s
Cylinder type	6 chamber revolving cylinder
Cylinder capacity	6 rounds
Ammunition type	All kinds of 40 x 46 mm Low Velocity HE, HEDP, TP, Smoke, Incendiary
Stock type	Foldable-overlapping
Sighting type	Occluded
Interchangeability of parts	All parts interchangeable
Temperature range	- 40°C - +75°C
Rifle finish	Black matte non glare - Kataforetical protection
Barrel rifling	Progressive from 0° - 26,6°
Barrel protection	Hardchromed 60 HRC (Hardness on the Rockwell "C" scale)
Trigger actuation force	40 - 65 N
Firing pin exit while triggering	2,2 - 2,5 mm



All vital parts are hard chromed 60 HRC (Hardness on the Rockwell "C" scale).

Resistant and protected against all sort of weather conditions (for example: six months of salt fog).

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