

PRODUCT REVIEW

RGM-40

BY RICHARD LUTZ

MARCH 2015

40MM GRENADE LAUNCHER



RGM-40 Kastet

The Russian RGM-40 Kastet grenade launcher (c. 1997) was developed as a standalone version of the GP-30 grenade launcher fitted to assault rifles like the AK74M.

Standalone grenade launchers like the RGM-40 are better than rifles with attached grenade launchers which are too heavy. It is far better to be equipped with a light rifle and

Since the RGM-40 was developed the GP-34 has replaced the GP-30, thus new production RGM-40 will be a standalone version of the GP-34 grenade launcher.



AK74M with GP-30

It is a single-shot muzzle loaded weapon in which the caseless grenades are pushed into the front of the muzzle, thus there is no empty case to extract as with grenade launchers like the M79, M203 and M320 which use the cased 40x46mm round, which substantially increases the rate of fire.

a light grenade launcher than a rifle with an attached grenade launcher which is much more difficult to use efficiently if one is cold, exhausted or injured due to the oppressive weight and compromised ergonomics. Combining the two weapons dramatically reduces the efficiency of both weapons.

The VOG-25P fragmentation grenade is ideal for general purpose use. On impact a small charge in the nose of the grenade is detonated, which raises the grenade 0.5 to 1.5 m into the air before an impact delay fuse detonates it. This is intended to prevent obstacles on the ground shielding the enemy from fragments.

SUMMARY OF FINDINGS

The stand-alone RGM-40 grenade launcher is the most practical means of using caseless 40mm grenades as rifles with attached grenade launchers are too heavy.

RECOMMENDED ACCESSORIES

Log Book

Firearm Usage & Maintenance Log Book.
[Blackheart International]

Cleaning Kit

Grenade Launcher Cleaning Kit.
[Brownell's]

Ear Plugs

EarPro EP3 or EP4 Sonic Defenders.
[SureFire]

KEY SPECIFICATIONS

Cartridge: caseless 40 mm grenade
Weight: 2.5 kg (5.5 lbs)
Extended Length: 615 mm (24.2")
Collapsed Length: 368 mm (14.5")
Feed System: muzzle loaded
Grenade Velocity: 76.5 m/s
Effective Range: 250 m



HOT TIP

Moving vehicles are best engaged within 100 meters to ensure a high hit probability.