

MK47

MOD 0 40mm weapon system



General Dynamics Armament and Technical Products is the system integrator of the revolutionary STRIKER₄₀ MK47 40mm Advanced Lightweight Grenade Weapon System. The MK47 marks the first major advancement in crew-served weapon systems since the end of World War II.

Integrating the latest sensing, targeting and computer-programming technology, the MK47 is a reliable, portable 40mm grenade weapon system suited for mobile, tactical combat soldier units. It will provide NATO forces with a decisive technological advantage over enemy forces equipped with older crew-served weapons.

Lightweight Video Sight

Produced by Raytheon, the MK47's sophisticated fire control system utilizes the latest in laser range-finding, I² night vision and ballistic computer technology to assist soldiers in the detection, recognition and first-round engagement of target threats.

40mm Ammunition

The MK47 fires all NATO standard 40mm rounds, providing devastating firepower against soft and lightly armored targets. GDATP is collaborating with Nordic Ammunition Company to produce new, cutting edge ammunition capable of keeping the MK47 at the forefront of advanced crew served weaponry.

GENERAL DYNAMICS
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Specifications

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	MK47 MOD 0	MK19 MOD 3
Caliber	40mm	40mm
Gun weight	39.6 pounds (18 kg)	77 pounds (35 kg)
Length	37 inches (940mm)	43.11 inches (1,095mm)
Length (Barrel detached)	24.02 inches (610mm)	N/A
Width	10.04 inches (255mm)	13.39 inches (340mm)
Height	8.07 inches (205mm)	8.19 inches (208mm)
Total charge pull	55 pounds (25 kg)	99 pounds (45 kg)
% Mass recoiling	55%	22%
Maintenance	Round counter	N/A

Raytheon

Lightweight Video Sight (AN/PWG-1)

Magnification	3x
Laser range finder	Eye safe 44-4,156 yards (40-3,800m) ±2 yards/meters
Imaging/night vision	CCD, GEN III-Omni 4 I ² (image intensifier)
Output	Autofuze program & RS170 video output
Display	Adjustable, detachable display (other options available)
Vibration	MIL-STD-810E
Power	External vehicle or internal NATO standard battery (8 hours minimum)
Maintenance	Built-In-Test
Additional feature	Thermal Weapon Sight compatible

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