



M2A1 .50 CALIBER (12.7MM) HEAVY MACHINE GUN

Fixed headspace and timing



General Dynamics Ordnance and Tactical Systems developed the M2A1 .50 caliber weapon after more than 30 years of experience manufacturing the M2 heavy barrel (HB) machine gun for the U.S. Department of Defense.

The M2 machine gun is one of the world's most reliable, highly accurate and effective weapons.

The M2A1 offers the proven performance and in-place logistics support of the existing M2HB machine gun, along with the new features and design improvements of the quick change barrel (QCB) system and flash hider. These upgrades increase the performance of the battle-proven M2 and are adaptable to existing M2HB weapons.



M2A1 .50 CALIBER (12.7MM) HEAVY MACHINE GUN



SPECIFICATIONS

Caliber	.50 caliber / 12.7mm (NATO)
Weight (complete gun)	84 pounds (38.2kg)
Length	67.75 inches (1,721mm)
Width	9 inches (230mm)
Cyclic rate of fire	450-600 rounds per minute
Maximum effective range	2,000 yards (1,830m)
Maximum range	7,440 yards (6,800m)
Muzzle velocity (M33)	2,910 feet per second (890 meters per second)
Barrel weight	24 pounds (10.88kg)
Barrel construction	cobalt-chromium alloy liner



KEY FEATURES

Fixed headspace and timing

Reduces safety concerns associated with barrel changing

Simplifies warfighter training

Eliminates operator requirement to adjust the headspace and timing

Positive barrel engagement

Ensures the barrel is securely locked and aligned with the patented J-slot barrel retention system

Improved flash hider

Decreases muzzle flash, making the M2 night-vision friendly

Robust, removable barrel handle

Streamlines hot-barrel changing



GENERAL DYNAMICS

Ordnance and Tactical Systems

11399 16th Court North - Suite 200 - St. Petersburg, FL 33716 - (727) 578-8100 - armaments@gd-ots.com - www.gd-ots.com
Approved for Public Release 2012