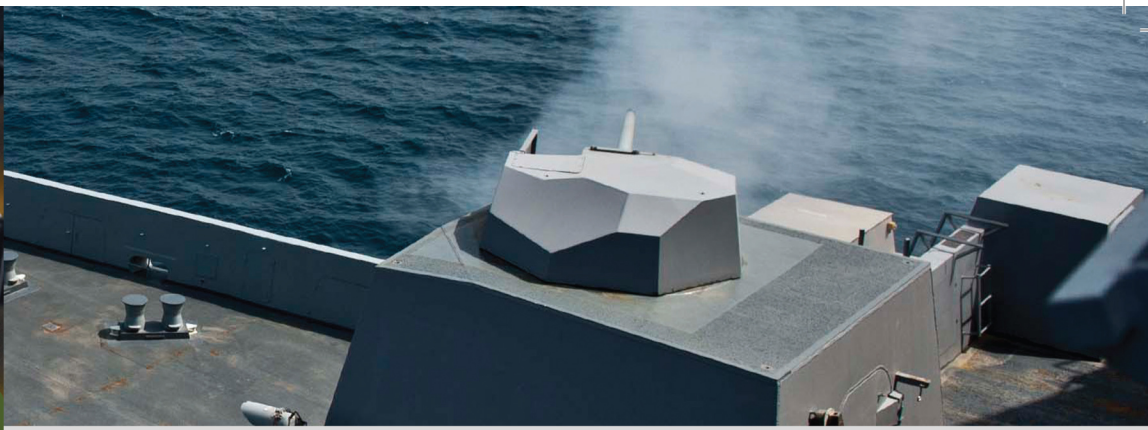


GENERAL DYNAMICS
Land Systems

The MK46 30mm Naval Weapon System is an all-weather, day/night, fully stabilized weapon system. The gun system's open-architecture software supports stand-alone and integrated variants. The MK46's lightweight, modular and compact size make it an ideal candidate for numerous anti-surface and anti-air defense applications. The MK46 Naval Weapon System's family of turrets represents a balance of lethality, performance, reliability and versatility in one of the most cost-effective, medium-caliber weapon systems in the world today.

MK46 30mm NAVAL WEAPON SYSTEM





MK46 30mm NAVAL WEAPON SYSTEM

FEATURES & SPECIFICATIONS

MK46 30mm family of turreted systems is based on a two-man, vehicle-mounted armored turret that was purpose built for the United States Marine Corps.

MK46 Mod 2 30mm Naval Weapon System has been in production for nearly a decade and is the main deck gun for the U.S. Navy's San Antonio Class (LPD-17) ship. Additionally, the MK46 Mod 2 was selected by the U.S. Navy as a secondary gun battery for Littoral Combat Ship (LCS) Class ships as the Surface Warfare Mission Module (SUW). It is also the second gun battery for the Zumwalt class destroyer (DDG 1000). The Mod 2 is remotely operated and can be configured as a stand-alone weapons system or integrated for use with a ship's Combat Management System (CMS).

FEATURES

WSESRB qualified Guns & Ammunition
Superior Operational Performance and Lethality vs 25mm Systems
Effective Range in Excess of 4000m
Day, Night and All-Weather Capability
Designed for Marine Environments
Light-weight, Compact, Low-Cost
M1A2 based digital fire control system
High-reliability and lower-maintenance over Legacy Systems
No Deck Penetration for Installation
MIL-STD-901D High-Impact, Heavy-Weight Shock Certified
Remote or up to 1 hour Man-in-Mount (Emergency Battery Operations)

MAIN GUN & AMMUNITION

ATK's MK44 cannon
(Upgraded Bushmaster II)
Dual Feed Ammunition System
Capable of Firing 30mm x 173mm,
30mm x 170mm
Rate of fire - 200 rounds/min
System dispersion - < 0.75mrad
Elevation - +45° to -12°
Traverse - 360°
Ammunition Interoperability with USN
USMC, USAF, and NATO
APFSDS time of flight is 3.56 seconds
for 4000m
Magazine capacity - 400 rounds

ADDITIONAL OPTIONS

7.62mm Coax Machine Gun
Commanders Independent Viewer

INSTALLATION

Dimensions -
171" (L) x 77" (W) x 86" (H)
168" (L) x 74" (W) x 78" (H)

Weight - 3,120 lbs
All electric, 28 VDC

FIRE CONTROL SYSTEM

Ph > 50% at 2000m (5 rd. burst)
Two-Axis Stabilization System
Ballistics Fire Control Processor
provides full solution ballistics
Capable of programming up to 20
different ammunition types
Eye Safe Laser Range Finder
Dual-Axis Head Assembly
Long Wave (240/288 x 4) Scanning
Array (FLIR)
Low-Light Television Camera

GROWTH

.50 Cal Coax Machine Gun
Super Shot 40mm Ammunition
Automatic Target Tracking
Air Burst Munitions
"Slew to Cue" to External optics or
RADAR