



57mm Mk 110 Mod 0 Naval Gun System

The 57mm Mk 110 Mod 0 Naval Gun System from BAE Systems is a multi-mission capable medium-caliber shipboard weapon that has been selected for the U.S. Coast Guard's National Security Cutter and the U.S. Navy's Littoral Combat Ship (LCS).

Command and Control – Linked with a digital fire control system, the Mk 110 responds to exact pointing orders and selected ammunition fuze option an instant before each round is fired.

Survivability – The Mk 110 weather shield provides environmental and ballistic protection for the gun system, and the design can be tailored to meet specific platform signature requirements.

Sustainability – The Mk 110 requires minimal manpower for operation and maintenance, and affords unparalleled availability through high-level redundancy, built-in test functions, ready component access, and onboard tools and spares.

Adaptability – The highly compact and lightweight Mk 110 Mod 0 requires minimal deck penetration and space below deck for ease in integration to a variety of hull types of 150 tons or more.

The Mk 110 Mod 0 Naval Gun delivers high rates of fire with extreme accuracy against surface, airborne, and shore-based targets, with proven effective 6-mode programmable 57mm Mk 295 Mod 0 ammunition.

Lethality – The 57mm Mk 110 Naval Gun System fires automatic salvos at up to 220 rounds per minute.



Specifications

Rate of fire	220 rounds/min
Maximum range	>9 nmi
Ammunition capacity in gun	120 rounds
Time for loading rounds	3-5 minutes
Firing dispersion in remote control	
Training (sigma-value)	0.4 mrad
Elevation (sigma-value)	0.4 mrad
Elevation	-10° to +77°
Train	Unlimited
Maximum elevating speed	44°/sec
Maximum elevating acceleration	115°/sec ²
Maximum train speed	57°/sec
Maximum train acceleration	115°/sec ²
Power supply	440-VAC 60-Hz 3-phase
Weight, complete without ammunition	14,960 lbs/6,800 kg
Life of air-cooled barrel	>4,000 rounds



BAE Systems, Inc.
Platforms & Services
baesystems.com

For more information contact
platforms.services@baesystems.com

Disclaimer and copyright

This document gives only a general description of products and services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or conditions of supply.

© 2018 BAE SYSTEMS. All rights reserved.

The information contained in this document is proprietary to BAE SYSTEMS unless stated otherwise and is made available in confidence; it must not be used or disclosed without the express written permission of BAE SYSTEMS. This document may not be copied in whole or in part in any form without the express written consent of BAE SYSTEMS which may be given by contract.

BAE SYSTEMS is a registered trade mark of BAE Systems plc. 8.18.57mm Mk110 Mod 0 NGS.BTR Approved for public release 2011-12.