

Mini-Typhoon™

Naval Stabilized & Remotely Operated Machine Gun System



For effective protection and target engagement

Benefits

- Crew-safe, remotely operated
- Effective force protection for large ships
- Effective target acquisition
- Pinpoint accuracy
- Compact and lightweight
- Easy installation and simple operation

Precision Engagement

The Mini-Typhoon is a lightweight, naval, stabilized and remote-operated machine gun system. The system provides crew-safe operation enabling force protection and precision engagement. The Mini-Typhoon is an optimal solution for small, fast patrol boats, significantly enhancing hit probability under rough conditions. The Mini-Typhoon can also function as perimeter protection for larger vessels.

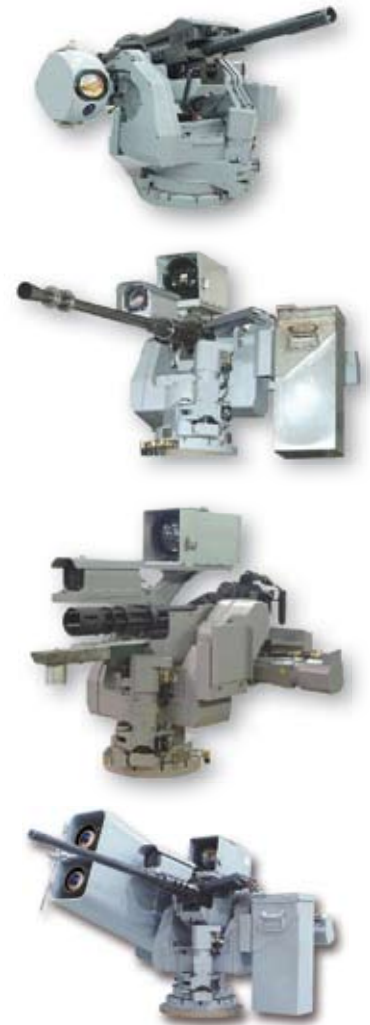
Effective Operation

The Mini-Typhoon weapon mount is remotely operated through an operator console conveniently located elsewhere on the ship. Operation sequence includes surveillance, target identification, tracking and engagement. The built-in computer calculates a firing solution based on target and own-ship data, as well as environmental

factors, feeding the gun mount with lead angle and super-elevation that result in high hit probability. The Mini-Typhoon can be operated as a stand-alone system relying on its own sensors and controls or alternatively, through integration to other on-board combat systems.

High Customer Value

Operationally proven for over a decade, with high volume production, the cost effective Mini-Typhoon system provides low-risk and high-value to the customer. The Mini-Typhoon has also been selected by the US Navy, designated Mk 49 Mod 0, and provided through a joint venture teaming between General Dynamics and Rafael.



Technical Specifications

| | |
|------------------------|---|
| Machine gun type | Browning 0.5" MPMG 7.62 mm Grenade Launcher 40 mm GAU-17 Gatling gun |
| On-mount EO system | CCD / FLIR |
| Angular motion sector | Traverse: 360° cont. adjustable Elevation: -20° to + 60° adjustable |
| Total weight | 140-170 kg (308 -374 lbs) (depending on configuration) |
| On-mount ammunition | Up to 230 rounds (depending on caliber) |
| Stabilization accuracy | 0.5 mrad |

Features

- On-mount missile integration for enhanced lethality
- Integrated electro-optical system
- Built in ballistic computer
- Automatic target tracker



The weapon mount can accommodate different types of machine guns including 7.62 mm, 0.5" machine-gun, GAU-17 Gatling gun and the MK19 grenade launcher. Lethality can be enhanced with on-mount integration of compact missiles. The on-mount electro-optic system, comprising camera and FLIR, facilitates day and night operation.

The Mini-Typhoon has set the standards for remote controlled machine gun systems. It provides effective precision engagement for various missions and platforms.

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