



MINI-TYPHOON™

Stabilized Naval Remotely-Controlled Weapon Station for Small, Fast Patrol Boats

Empowering Small Boats with Pinpoint Targeting in Rough Seas

The crews on small, fast naval vessels need precision engagement capabilities – especially when sailing in rough seas – in order to ensure force protection.

The MINI-TYPHOON is a lightweight, stabilized, and remotely-operated machine gun system that addresses this need. As an optimal solution for small, fast patrol boats, it significantly enhances hit probability under adverse conditions, providing crew-safe operation for a wide range of missions and platforms.

The MINI-TYPHOON can also function as perimeter protection for larger vessels.

Benefits

- Combat-proven, globally-recognized TYPHOON Family
- Crew-safe, remotely operated
- Advanced stabilization for superior hit probability
- Effective force protection for all ship classes
- Day/night operation
- Stand-alone or CMS add-on configuration
- Compact and lightweight
- Easy installation, no deck penetration
- Cost-effective
- High-volume production
- Selected by US Navy



Cutting-Edge Technologies Deliver Flexible, Reliable Operation

The MINI-TYPHOON is run remotely via an operator console which is positioned in a secure location on the ship.

The weapon mount can accommodate various types of weapons including 7.62 mm and 0.5" machine guns includes a day camera and FLIR for day and night operation.

The MINI-TYPHOON's operation sequence includes surveillance, target identification, tracking and engagement.

The system's built-in computer calculates a firing plan based on target and own-ship data as well as environmental factors. It then provides the gun mount with the lead angle and super-elevation that result in high hit probability.

The MINI-TYPHOON can either be operated as a stand-alone system, utilizing its own sensors and controls – or can be integrated with other on-board combat systems.

Operationally-proven for over a decade, with high-volume production, the cost-effective system has been selected twice by the US Navy – designated as Mk 49 Mod 0 and Mod 1.



Main Capabilities

- Advanced stabilization and pointing accuracy
- Remotely operated
- Integrated electro-optical system with automatic target tracker
- Built-in ballistic computer
- On-mount missile integration for enhanced lethality
- Operated by 24 VDC with optional sustained power supply

Technical Specifications

Gun Type	Browning 0.5" MPMG 7.62 mm
Surveillance System	CCD/ FLIR/LRF
Ammunition Capacity	Up to 230 rounds (caliber-dependent)
Firing Sector	Traverse: 360° cont. or adjustable Elevation: -20° to +60° adjustable
Pointing Accuracy	0.5mRad
Total Weight	140-170 kg (304-374 lbs) (depending on configuration)



LAND & NAVAL SYSTEMS DIVISION

Tel: +(972)73-335-2002
Fax: +(972)73-335-4093
Email: lnd-mkt@rafael.co.il

HQ Tel: +(972)73-335-4714
Fax: +(972)73-335-4657
Email: Intl-mkt@rafael.co.il www.rafael.co.il

MINI-TYPHOON™ is Trademark of RAFAEL Advanced Defense Systems Ltd.
UNC. T30NewV1-ENG0919 /Graphic Design Dep/042