

**SMART
AND TO THE
POINT.**

TYPHOON™

Stabilized Naval Remotely-Controlled Weapon Station Family

A Next-Gen Response to Evolving Attacks at Sea

Sea-going vessels face an ever-increasing number of small and fast-maneuvering threats, including surface swarm attack scenarios and aerial targets including drones.

The TYPHOON™ Stabilized Naval Remotely-Controlled Weapon Station (RCWS) Family accommodates small- to medium-caliber guns, enabling superior ship perimeter protection. The high level of stabilization and pointing accuracy results in a high hit probability, even against multiple small and fast maneuvering targets such as in swarm attack scenarios. The Typhoon Family is in operational use by sixteen navies internationally, and is successfully integrated on-board a variety of vessels ranging from Patrol Boats and OPVs to CGs, DDGs, LHDs, FFGs and CVs.

Benefits

- Combat-proven, world-class TYPHOON Family
- Advanced EO Fire Control
- Advanced stabilization for superior hit probability
- Stand-alone or CMS add-on configuration
- Suitable for large vessels and patrol boats.





Safeguarding Surface Vessels with Today's Most Advanced Technologies

The TYPHOON™ Family sets the standard for naval, stabilized, small- to medium-caliber Remotely-Controlled Weapon Stations (RCWS). Providing a comprehensive solution for ship perimeter protection, the solution ensures pointing accuracy with high hit probability against small and fast-maneuvering multiple targets, such as those participating in swarm attack scenarios, as well as air targets such as UAVs and drones.

Effective Operation

The Typhoon is remotely operated from an operator console. Operation sequence includes surveillance, target identification, automatic tracking and engagement. The 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. The built-in ballistic 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. An electro-optical director, coupled with the fire control computer and automatic tracker, maintain on-going engagement until mission success.

High Customer Value

Operationally proven for over a decade, with hundreds of systems manufactured, the cost effective Typhoon provides low-risk, high-value to the customer. Typhoon has been selected by the US Navy, designated Mk 38 Mod 3, 2 and provided by BAE Systems teamed with RAFAEL.



Main Capabilities

- Advanced stabilization and pointing accuracy
- Crew-safe, remotely operated from internal quarters
- Effective target engagement
- Intuitive and simple operation
- Compact, lightweight, easily installed and simple to maintain

Technical Specifications

Gun Type	Up to 30 mm
Surveillance System	CCD/ FLIR/LRF
Ammunition Capacity	200 (caliber dependent)
Firing Sector	Traverse: +160° Elevation: -20° up to 70°
Pointing Accuracy	0.5mRad
Total Weight	Less than 1,000 Kg fully loaded



LAND & NAVAL SYSTEMS DIVISION

Tel: +(972)73-335-2002
Fax: +(972)73-335-4093
Email: ind_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

TYPHOON™ is a Trademark of Rafael Advanced Defense Systems Ltd
UNC. T30NewV1-ENG0822 V1 ENG/ Studio | MSS