

TYPHOON™ Mk 30-c

Advanced Ship Protection against Asymmetric Surface and Aerial Threats

A Next-Gen Response to Evolving Attacks at Sea

Today's navies face a multitude of surface and aerial asymmetric threats. Perpetrated at negligible cost and requiring no special skills, these threats can neutralize multi-million dollar frigates, cruisers, and destroyers.

RAFAEL's TYPHOON Mk 30-c – a stabilized Remotely-Controlled Weapon Station (RCWS) – is a key component in the company's Multi-Layered Asymmetric Defense Solution. The system's high level of stabilization and pointing accuracy result in a high hit probability, even against multiple small and fast-maneuvering surface and aerial threats.

Benefits

- Combat-proven, world-class TYPHOON Family
- Next-gen C_UAS tracking algorithm
- Advanced stabilization for superior hit probability
- Stand-alone or CMS add-on configuration
- Suitable for wide range of ship classes



Safeguarding Surface Vessels with Today's Most Advanced Technologies

The TYPHOON™ Mk 30-c is a medium-caliber RCWS enabling unmatched ship perimeter protection. The Electro-Optical Director, 3D state-of-the-art Fire Control System, and unique tracking algorithm create a powerful response to swarm attacks and other asymmetric scenarios. The system's all-weather, 24/7 surveillance and engagement operations provide the ship with exceptional multi-mission capabilities.

Weaponry

Utilizing the MK44 Bushmaster gun, the TYPHOON Mk 30-c is compatible with high-explosive and Air Burst Ammunition (ABM). The system fires all NATO standard 30x173 ammunition with adjustable rates of fire - from a single shot, up to 200 rounds per minute, with its magazine holding 200 ready rounds. With 70° elevation, coupled with ABM, it defeats small and medium UAS including the latest emerging drone threats.

Operation

The system is operated by a proprietary remote operator console designed for the harsh maritime environment. The location of the console - in the CIC, on the bridge, or other protected area of the ship - increases operator survivability.

Versatility

Due to its compact design and low weight, the TYPHOON™ Mk 30-c is suitable for a wide range of ship classes. It can be used as a main gun for patrol boats or as a secondary gun in AT/FP missions on large vessels. The system can be installed in a stand-alone configuration or integrated with the ship's CMS. The embedded trainer minimizes the need for special facilities, and enhances operator skill level without additional costs.



Main Capabilities

- Advanced stabilization and pointing accuracy
- Next-gen EOS targeting algorithm designed for C-UAS
- EO Director
- Sophisticated Fire Control System
- 24/7 surveillance and engagement
- MK44 Bushmaster gun

Technical Specifications

Gun Type	30 mm Mk44
Surveillance System	On-mount, EOD, FLIR/CCD/LRF
Ammunition Capacity	200 ready rounds
Rate of Fire	5 rates from single shot to 200 rpm
Firing Sector	Traverse: $\pm 165^\circ$ Elevation: -20° to $+70^\circ$
Pointing Accuracy	0.5mRad
Diameter	40.6 cm (16")
Total Weight	Less than 1,000 Kg



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

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