

Typhoon MLS-ER™ Multi-Purpose Naval Missile System



Surgical precision and maximum effectiveness to the point

Benefits

- Crew-safe, remotely operated
- Complete Naval Missile System
- Typhoon MLS-ER features day and night operation
- Pin-point accuracy
- High hit and kill probability
- Fire & Forget mode capability
- Easy installation
- Compact and lightweight
- Simple to maintain
- Typhoon MLS-ER is a complete Naval Missile System. The system includes Spike-ER launcher & missiles and fire control system installed on a light weight, compact stabilized turret.
- The light weight, stabilized system can be installed on a variety of platforms ranging from Rigid Hull Inflated Boats (RHIBs) to larger boats and ships.
- Spike ER is an electro-optically guided multipurpose missile for ranges of up to 8 km.
- Typhoon MLS-ER features day and night operation and includes different modes of operation: Fire-and-Forget, Fire Observe & Update and Fire & Steer. This enables the gunner to switch between targets after launch, avoid friendly fire, conduct surveillance/damage assessment and attack hidden targets.
- Typhoon MLS-ER is using the ship surveillance pod (e.g Toplite) to locate the target and slave the system turret to the target direction.



Technical Specifications

Effective range	8 km
Weight - Missile in canister	34 kg
Mode of operation	<ul style="list-style-type: none"> • Fire & Forget • Fire, Observe & Update • Fire & Steer
Warheads	Heat, Penetration Blast Fragmentation (PBF)



Features

- Pin-point accuracy
- High hit and kill probability
- Minimal collateral damage
- Ability to hit non-line of sight targets
- Up to 4 missiles may be installed on the launcher turret
- Integrated with ship surveillance pod (Electro Optical System) for target locating
- Immune fiber optics data link
- High reliability with Low life-cycle cost
- Ability to abort mission after launch
- Battle-proven missiles and operationally deployed in thousands

The Typhoon MLS-ER is a member of RAFAEL's multi-generational family of advanced, electro-optic-guided naval missiles. It shares many of the same features that enable modern navies to meet evolving maritime challenges. Sophisticated electro-optic day/night sensors for operation by day/night and under adverse environmental conditions, variable trajectories and superior stabilization for enhanced force lethality.

System configuration

The Typhoon MLS-ER can be installed on a variety of naval platforms, and integrated with on-board weapon systems, thereby providing maximum operational flexibility with a low life-cycle cost.

