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MILAS

MISSILE LAUNCHING SYSTEM

MULTIPURPOSE MISSILE SYSTEM SOLUTION

EFFECTIVE AGAINST VARIETY OF SURFACE AND AERIAL THREATS

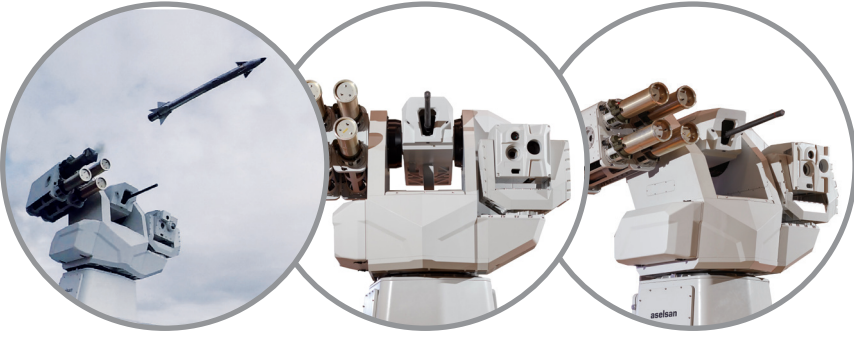
AUTOMATIC TARGET TRACKING

HIGH ACCURACY STABILIZATION

SUCCESSFUL FIRING TESTS



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MILAS

Missile Launching System

The LMM Missile Launching System (MILAS) developed to provide defense for refineries, seaports and naval bases against variety of surface and aerial threats is a customized compact and light-weight solution for a wide range of naval platforms such as fast interceptor crafts, patrol boats and corvettes. It has been designed to have minimum weight and impact on the platform speed and maneuverability. MILAS has the capability to fire Lightweight Multi-role Missile (LMM) developed by THALES UK.

The basic system configuration comprises a lightweight stand alone stabilized Electro Optic (EO) suite, a stabilized weapon turret accommodating four ready-to-launch LMMs and a Fire Control subsystem distributed on the boat.

The Laser Transmitter Unit required for the guidance of LMM and other EO units for target detection and tracking are located inside the stabilized EO Suite. The turret stabilization capability of MILAS enables missile firing without being affected by the disturbances due to the platform motions.

MILAS can automatically slew to the target coordinates assigned by stabilized EO suite supported by the radar onboard the platform. The system can be operated using its own operator panel located in the wheelhouse.

The successful MILAS qualification firing was performed in 2018.

Features

Missile

- 4/8 ready to fire Lightweight Multirole Missile designed and produced by Thales

Primary Weapon Options

- Option-1: 12.7 mm machine gun
- Option-2: 7.62 mm machine gun

Movement Limits

- Two-axis, gyro-stabilized and modular turret
- Elevation: -15° / +45°
- Azimuth: -180° - +180°

Ammunition Stowage

- 12.7 mm MG Option : 200 rounds
- 7.62 mm MG Option : 400 rounds

Other Features

- Two-axis gyro stabilized turret
- Automatic target tracking through independent stabilized EO suite
- Laser Range Finder for target ranging
- High hit performance with fast reaction time
- High level system automation for ease of use
- Ease of integration into existing and new build platforms
- Low maintenance cost and high reliability

