



MARTE MK2 Mobile Coastal Defence System (MDCS) is the last born of the MARTE Family that includes the MARTE MK2/N Naval version, MARTE Mk2/S Helicopter version, MARTE MK2/A Light Combat Aircraft version and the MARTE ER for the helicopters and fast jets aircrafts.

The MARTE mobile coastal defence system has the capability to launch both MARTE MK2/N and / or MARTE ER missile.

The main missions of the MARTE MCDS are:

- Maritime Coastal Traffic Surveillance
- Territorial Waters Interdiction to hostile ships

The performance characteristics of the MARTE Missiles make them particularly suitable for Coastal Defence purposes, with a quick reaction capability for covering large sea areas and a wide range of hostile vessels.

The MARTE MDCS is a fully integrated system, capable to:

- be positioned in several types of terrain thanks to high adaptability of the trucks employed
- be deployed and be operative in very short time
- detect and identify hostile vessels, even small, agile and highly manoeuvring vessels
- receive target data from external source through dedicated Data Link
- neutralize hostile vessels even in complex environments (commercial routes, harbors, oil rigs...), to support disembarking operations

The MARTE MCDS incorporates a mission planning function that optimizes firing operations.

The MARTE missiles have an effective range in excess of 30 km and up to 100km with MARTE ER. They are fire and forget, all weather sea skimming missiles with inertial mid-course navigation, through way points and active radar terminal homing. The same launcher can fire both missiles

- **Latest generation, horizon range lightweight anti-ship missile system**
- **Fire and Forget**
- **All weather**
- **Comprehensive mission planning**
- **Very rapid firing sequence**
- **Suitable against a wide range of vessels (from FAC to corvettes)**
- **Warhead & Fuze**
  - **Semi-piercing HE warhead**
  - **Impact and proximity fuze**

## **MARTE MOBILE COASTAL DEFENCE SYSTEM**

**MEDIUM RANGE, LIGHTWEIGHT  
ANTI-SHIP MISSILE SYSTEM,  
INSTALLED ON A MOBILE  
TRUCKS BATTERY**

**MBDA**  
MISSILE SYSTEMS



## SEA

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### MARTE Coastal Defence System (MCDS)

One Tactical Operation Center (TOC)).

One Mobile Sensor Unit (MSU)

Two Firing Units (FU)

One or more Reloading Vehicles (optional).

### Name

- MARTE Mobile Coastal Defence System (MCDS)

### MARTE MK2/N missile characteristics

- Weight: 310 kg
- Length: 3.85 m
- Max Body Diameter: 316 mm
- Range: In excess of 30 km
- Speed: High subsonic

### MARTE ER missile characteristics

- Weights: 315 kg
- Length: 3.60 m
- Max body diameter: 316 mm
- Range: well beyond 100 km
- Speed: high subsonic

### Launcher characteristics (installed on standard trucks)

- Nr of munitions embarked: 4
- Stabilization by means of four independent legs
- Heading angular movement: +/- 90 deg
- Elevation angular movement: 0- 20 deg

