



MARTE ER

LONG RANGE, LIGHTWEIGHT ANTI-SHIP WEAPON SYSTEM

MARTE ER represents the third generation within the MARTE family of missile systems, and is derived from Marte MK2, which is already in service with the Italian Navy and overseas countries.

Marte ER is a lightweight, long range ASuW missile designed to be deployed from a wide range of platforms:

- Helicopters (eg. NH-90)
- Maritime Patrol Aircraft
- Fast jets (eg. Eurofighter Typhoon)
- Coastal batteries
- Large to small naval crafts

The weapon is designed to operate in all weather conditions and to deliver its highly effective lethal effect at ranges over 100km. Its highly flexible mission profile allows for automatic and manual waypoints, salvo firing and attacks on land coordinates, with specific methods of countering ship hard and soft defences.

Marte ER's multi-platform capability allows customers to maximise the system's benefits with a very flexible and efficient logistics package.

Operational advantages

- Multi-platform
- Fire-and-forget
- Advanced active radar seeker
- All-weather capability
- High subsonic – sea-skimming
- Complex scenarios (waypoints, salvo firing)
- High defence penetration capability
- Effective against a wide target spectrum
- Open sea, littoral warfare and land attack



System features

- Stand-off engagement ranges for platform safety
- Advanced mission planning, quick automatic firing solution and possibility to manually modify trajectory and seeker search patterns
- Firing on third party target coordinates
- Salvo firing
- Fast reaction

Propulsion

- Turbojet engine, for flexible time on target and long-range engagement

Navigation and guidance

- Fully autonomous inertial navigation, aided with GPS and radar altimeter
- 3D waypoints with selectable time on target
- Sea-skimming, with capability to fly over land and other areas

Terminal guidance

- Latest generation active RF seeker with advanced ECCMs
- Attack on land coordinates

Warhead and fuze

- Semi-piercing HE warhead
- Impact and proximity fuze

Technical characteristics/specifications

Marte ER (Naval/ground launcher/helicopter version)

Weight:	< 345kg
Length:	3.60m
Max. diameter:	316mm
Range:	Well beyond 100km
Speed:	High subsonic

Marte ER



Marte ER (Fast jet version)

