

# TESEO MK2/E

NEW LONG RANGE ANTI-SHIP MISSILE SYSTEM  
WITH LAND ATTACK CAPABILITY

**The next generation Teseo Mk2/E weapon system is the response to the operational need for shipborne application, facing threats evolution with a timeframe of twenty years and more. Built on the legacy Teseo Mk2/A, the new missile embodies state-of-the-art technologies and full dual role in maritime and strike land scenarios.**

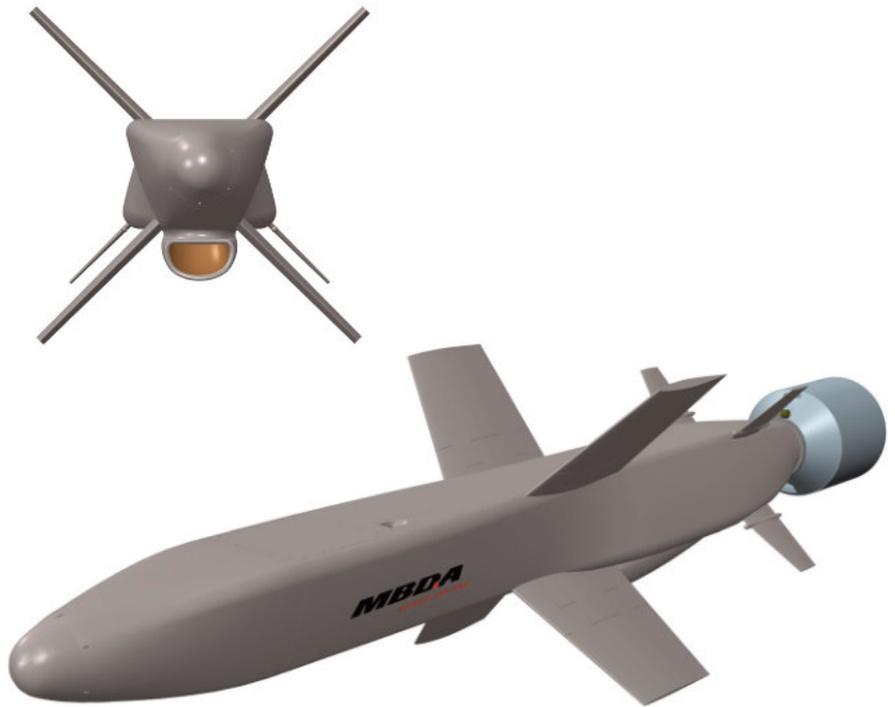
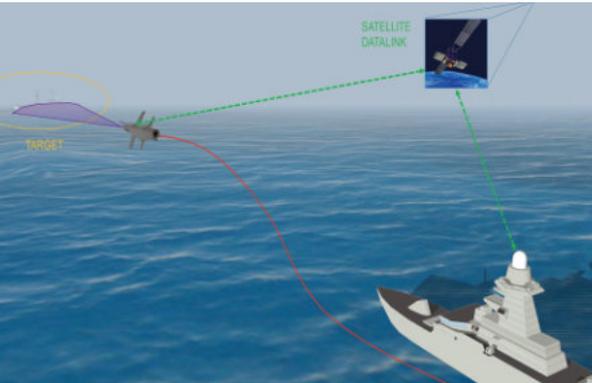
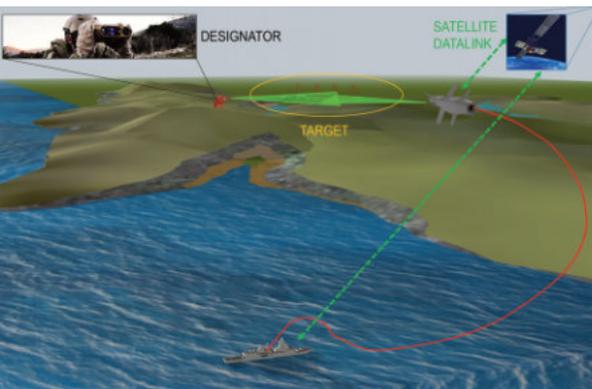
Teseo Mk2/E provides unrivalled long range capability, in all weather conditions, day and night operations:

- 350km class operational range at very low altitude against all classes of warship and land targets, relying on an advanced mission planning system
- Dual-mode homing head section to maximise dual role effectiveness, operating advanced electronics countermeasure against target electronic self-defence capability
- High hitting probability, even against fast moving targets at range
- Full mission control of in flight missile to safely operate in congested scenarios
- State-of-the-art scalable lethal package maximising effect on both naval and land target, whilst controlling the effect to reduce collateral damages

The new Teseo Mk2/E represents evolutionary benchmark for all long range anti-ship missile, through adding the capability to operate against target deep in land, reducing reaction time to few seconds in full controlled condition, from mission preparation to target engagement.

## Operational advantages

- Maritime Superiority missile, from deterrence to engagement
- Provides high precision strike at very long range in all environments, providing high probability of target hit with collateral damage reduction
- All-weather, day and night
- Salvo capability with STOT (Simultaneous Time On Target), to saturate enemy self-defence
- Dual-mode homing head section
- Fast reaction time and high operational capability
- Advanced mission planner to operate in congested and cluttered scenarios
- Suitable for installation on ships of any tonnage
- Provisioned for coastal defence system
- Low radar signature
- Advanced ECCM



## Operational features

- Advanced mission planning, fast reaction time with automatic firing solution. Planned mission parameters adjustable by weapon system operator according to real time tactical picture
- Salvofiring with Simultaneous Time on Target
- Mission control up to the end of the engagement, via two-way data link system, for target update/reassignment and mission abort

## Dynamic capabilities

- High subsonic cruise speed
- High-G terminal manoeuvrability

## Effective range

- In excess of 350km, at sea-skimming level

## Lethal package

- Highly effective scalable warhead; semi-piercing/high explosive
- Insensitive warhead
- Impact and proximity fuze

## Navigation and guidance

- Fully autonomous integrated INS/GPS and radar altimeter navigation system
- 4D way-points (space and time) with programmable time on target
- Self-adapted sea-skimming, with fly over-land capability

## Terminal guidance

- State-of-the-art dual-mode homing head section including both coherent RF-seeker with ECCM capability and EO sensor for high precision engagement, for sea and land targets

## Technical characteristics/specifications:

- Weight:** 700kg (start of cruise phase)
- Length:** < 5m (< 5.5m in launching canister)
- Range:** > 350km

