



CAMM

COMMON ANTI-AIR MODULAR MISSILE



CAMM, the Common Anti-air Modular Missile, is the latest generation air defence missile designed for land and sea in the Ground-based Air Defence (GBAD) and Naval-based Air Defence (NBAD) domains.

Incorporating advanced technologies, CAMM provides robust protection against known and projected air threats.

Maritime domain

CAMM forms the short to medium range air defence munition within the Sea Ceptor weapon system onboard current and future Royal Navy frigates. It has replaced the ageing point defence Vertical Launch Seawolf system. Additionally, CAMM will also provide the future intermediate level air defence capability to the Royal Navy's Type 45 destroyers.

Land domain

CAMM offers land-based forces a highly effective and easily deployable, local area air defence system, as part of the Enhanced Modular Air Defence Solutions (EMADS). It is capable of operating as either a standalone unit or integrated within a battle space network.

Operational advantages

- Wide range of targets for land and maritime engagements
- High rate of fire against multiple simultaneous targets
- **Soft Vertical Launch technology** for minimum launch signature and concealment
- Two-way data link between the missile and launcher
- Compatible with any surveillance sensor for targeting
- Command and Control system common to all surface deployments
- Minimal logistics support and maintenance required
- CAMM is in full production for the UK MOD to form a common stockpile of munitions across the Royal Navy and British Army for provision of maritime and ground based air defence
- CAMM, within the Sea Ceptor weapon system, entered operational service with the Royal Navy in 2018 and is being provided to a number of export nations



Product key features

- CAMM has an active RF seeker, providing excellent performance in all-weather conditions. There is no need for dedicated complex and high-cost fire control/illumination radars.
- The lightweight missile is highly agile with a high-lethality warhead and advanced fuzing package, giving a high probability of kill against a wide threat target set.
- The Soft Vertical Launch technology reduces system weight and provides flexible installation.
- In a maritime environment, the weapon's Command and Control system is designed to be integrated into new or existing naval combat systems.
- In a land environment, the lightweight and compact design allows multiple missiles to be carried by launch vehicles.
- Designed to remain in its launch canister, maintenance-free throughout its life.

Status

Maritime

- CAMM is deployed in the Royal Navy's Type 23 frigates and will equip both the Type 26 Global Combat Ship and Type 31 frigates in the near future. .
- In the maritime environment, CAMM has a number of launcher options. Mk 41 compatible, CAMM can be quadpacked into each cell of either Stike or Tactical length launchers. If space is at a premium or for smaller vessels, CAMM can also be quad-packed into the compact Extensible Launcher System (ExLS), which is part of the Mk 41 family.
- The weapon's Command and Control system is designed to be integrated into new or existing naval combat systems.

Technical characteristics/specifications

Weight:	99kg
Length:	3.2m
Diameter:	166mm
Range:	Out to 25km
Speed:	Supersonic



Land

- CAMM will form the core of the land based air defence capability for the Royal Artillery in The British Army.
- The UK Rapier FSC system has been replaced by the CAMM based system.
- Italian armed forces Spada will be replaced by the CAMM-ER based system.