

babcock™ Arrowhead™ 140



Anti-Air Warfare (AAW) Frigate



The Platform

- › Arrowhead 140 AAW is a highly capable and adaptable blue water frigate that can contribute and enhance a nation's maritime defence capability with an emphasis on AAW operations.
- › Arrowhead 140 is a proven hull form, which significantly reduces programme risks. The vessel delivers high levels of survivability, operability and responsiveness and is a modern, global platform that can operate for national purposes or within a coalition force.

KEY CHARACTERISTICS

Overall length	138.7m
Beam, maximum	19.8m
Displacement	5,700te
Max speed	28+knots
Endurance	1-2 months
Propulsion	CODAD, 2 x CPP

Anti-Air Warfare

- › Arrowhead 140 AAW variant provides a tailored solution with enhanced AAW capabilities.
- › The AH140 AAW uses designed-in adaptability to enhance the capabilities required to provide a mission systems set that can enhance AAW activities. This includes increased numbers of Vertical Launched Cells, high powered radars, increased fire control system and additional positions within the operations room.

Flight deck: Allows for launch and recovery of heavy lift helicopter.

Re-configurable mission bay and quarter deck: Provision for modular fit of towed systems.

Aft small calibre gun: 20mm – 40mm.

Weapon control systems system location aft: EO/IR Fire control system.

Missiles system: 4 x 8 cell Mk 41 strike length launchers.

Deck mounted surface-to-surface missile system.

Surveillance radar: Multiple mast options to support 3D & 4D air surveillance radars.

Weapon control systems: EO/IR fire control directors fitted forward and aft, with optional future upgrade to Radar/EO/IR directors.

Gun position B: 20mm – 40mm Small Calibre.

Gun position A: 57mm to 5in calibre.

Bow: Design provision for hull mounted sonars.

Port & Starboard Boat Bays: Design provision for up to 4 x 9.5m boats.

Adaptable hangar: Sized for organic medium naval helicopter, a large (UAV) and 2 x 20 ft ISO containers for UAV support.

