

AWD Air Warfare Destroyer

A proven top-class light destroyer

- **Combat Group flag ship in high threat scenarios**
- **Fleet protection providing area and local defence**
- **Cooperative Engagement Capability**
- **Fitted for Ballistic Missile Defence Capability**
- **Proven and reliable design evolved from F-100 class: five units in service plus three units under construction**
- **Outstanding capabilities in AAW, ASW and ASuW**

MAIN CHARACTERISTICS

· Length Overall	146.7 m
· Maximum Breadth	18.6 m
· Design Draught	4.75 m
· Maximum Speed	+28 kt
· Cruising Speed	18 kt
· Range at Cruising Speed	>5,000 nm
· Endurance	30 days
· Accommodation	234

PROPULSION PLANT

- 2 x independent CODOG Propulsion Plant
- 2 x 17,500 kW Gas Turbines
- 2 x 5,650 kW Diesel Engines

COMBAT MANAGEMENT SYSTEM

- AEGIS System
- National Interface for Weapons and ASW, ASuW and EW sensors
- Tactical Data Link
- Co-operative Engagement Capability



SENSORS

- 3D Multi-function Radar
- Horizon Search Radar
- Target Illumination System and 2x Radar Illuminators
- Gun Fire Control System
- IFF System
- 2 x Electro-Optical Surveillance Systems
- 2 x IRST
- Hull Mounted Sonar and Variable Depth Sonar
- Radar and Communications ESM/ECM

WEAPONS

- 48 cell Medium- and Long-range Surface-to-Air Missile Vertical Launch System
- 2 x Surface-to-Surface Missile Quadruple Launchers
- 1 x Main Gun
- 2 x Secondary Guns
- Close-In Weapon System
- 2 x Light-Weight Torpedo Double Launchers
- Torpedo Countermeasure System
- 4 x Active Decoy Launchers
- 4 x Passive Decoy Launchers

INTEGRATED SYSTEMS

- Integrated Navigation System (Integrated Bridge, WECDIS, AIS)
- Communications System: Integrated Communications Control System (ICCS), External and Internal Communication Systems
- Integrated Platform Management System (IPMS)

HELICOPTER

- Multi-Purpose ASW Helicopter and Light Airborne Multi-Purpose System

