



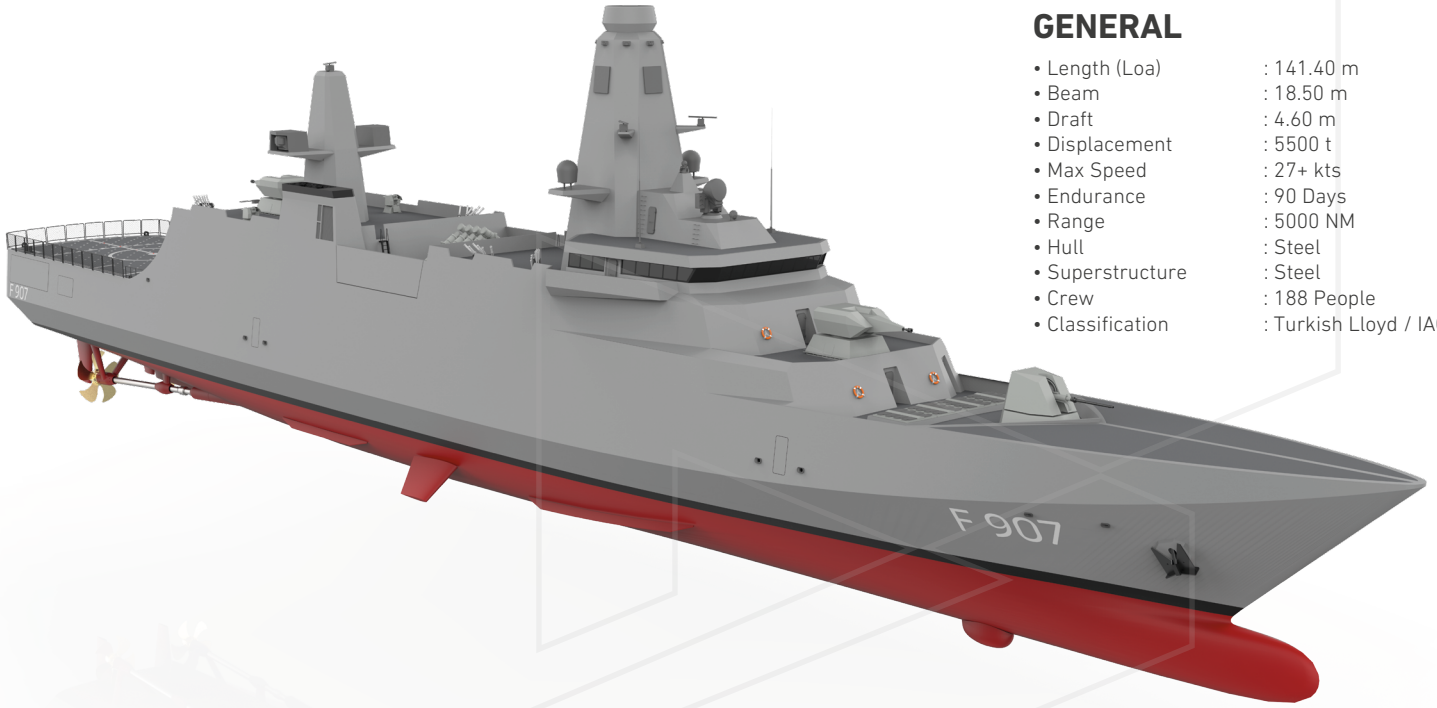
DEARSAN

SHIPYARD



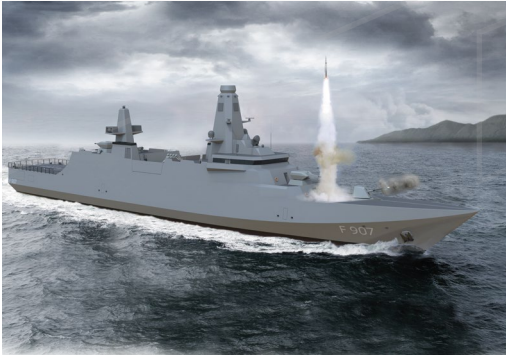
FRIGATE

F 142



GENERAL

• Length (Loa)	: 141.40 m
• Beam	: 18.50 m
• Draft	: 4.60 m
• Displacement	: 5500 t
• Max Speed	: 27+ kts
• Endurance	: 90 Days
• Range	: 5000 NM
• Hull	: Steel
• Superstructure	: Steel
• Crew	: 188 People
• Classification	: Turkish Lloyd / IACS



PROPULSION & ELECTRIC SYSTEM

• Main Engines	: 4 X Diesel Engine
• Propulsion	: 2 x FCPP
• Configuration	: CODAD
• Generator Set	: 4 X Diesel Generator
• Gearbox	: 2x 2 In-1 Out Gearbox

WEAPONS

- 1 x 76 mm. Leonardo Super Rapid Gun
- 2 x 35mm. Close in Weapon System (CIWS)
- 2 x 12.7mm. Stabilized Automatic Machine Gun
- 4 x 8 Surface to Air Missiles
- 2 x 8 Surface to Surface Missiles
- 2 x Torpedo Launching System

PRIMARY MISSIONS

- Anti-Submarine Warfare (ASW)
- Anti-Surface Warfare (ASuW)
- Anti-Air Warfare (AAW)
- Electronic Warfare
- Surveillance, Reconnaissance
- Tactical Picture Assessment
- Helo Operations



SECONDARY MISSIONS

- Intelligence Gathering
- Patrol / Escort
- Asymmetric Warfare
- Search and Rescue
- Gun Fire Support
- Defense Against Asymmetric Threats

CMS SENSORS & NAVIGATION SYSTEMS

- Combat Management System (CMS)
- Navigation Systems
- Navigation Data Distribution Unit (NDDU)
- Sonar System (Hull Mounted Sonar)
- Air and Surface Surveillance 3D Radar
- Diver Detection Sonar System (Retractable)
- IFF System (Interrogator and Transponder)
- Helicopter landing/take off Control Station
- Electronic Support & Counter Measure System
- Infrared Search and Track System
- 76 mm Fire Control System
- Fire Control Radar with 76mm DART
- CHAFF/DECOY System
- Electro-Optical Reconnaissance and Surveillance System
- Tactical Data Link System (TADL)
- Torpedo Countermeasure System

HIGHLIGHTS OF THE F 142

- High Fire Power
- Modern Combat System Configuration
- Open System Architecture
- Redundant Systems Approach
- Fitted with a Number of Stealth Features
- High Level of Automation
- Configurable Combat System