

# I CLASS

FRIGATE



# TECHNICAL SPECIFICATIONS

## MAIN DIMENSIONS

Lenght Overall	113.2 m.
Lenght Waterline	105.2 m.
Max. Breadth	14.4 m.
Draft	4.15 m.

## SPEED & ENDURANCE

Max. Speed	29+ kts
Cruising Speed	14 kts
Endurance	5700 Nm at 14 kts

## TONNAGE

Displacement	3150 t
--------------	--------

## MAIN PROPULSION

- › CODAG (2 x Diesel Engines + 1 x Gas Turbine)
- › 2 x Shafts With CPP Propellers

## POWER GENERATION

- › 4 x Diesel Generator

## SHIP'S BOATS

- › 1 x Stern Launched RHIB Boat With Stern Ramp
- › 1 x Side Launched RHIB Boat With Overhead Crane

## PROTECTION SYSTEMS

- › NBC Protection & Washdown System
- › Ballistic Protection

## RAS CAPABILITIES

- › RAS Receiving Station and Probe

## GROWTH CAPABILITIES

- › Upgradable Sensors & Weapons
- › Flexible Accommodation Arrangement

## SENSORS & WEAPONS

- › Combat Management System (CMS)
- › 3D Surveillance Radar
- › 2 x Illumination Radars
- › 2 x Navigation Radars
- › 2 x Fire Control Radars
- › Electronic Support Measure (ESM) System
- › Electronic Counter Measure (ECM) System
- › IR Search and Tracking System
- › Laser Warning System
- › IFF System
- › Integrated Communication System (IP Based)
- › Ship Data Distribution System
- › Navigation Systems
- › Integrated Platform Management System
- › 2x2 Torpedo Launcher System
- › Torpedo Counter Measure System
- › 1 x 76 mm Naval Gun
- › Hull Mounted Sonar
- › Electro-Optical Director
- › X and Ku Band SATCOM
- › Local Area Network
- › VLS
- › 4x4 SSM
- › 2 x 25 mm Gun (E/O Capability)
- › 1 x CIWS
- › 2 x Chaff

## HELICOPTER PLATFORM & HANGAR

- › Capacity to Carry 2 x 10 Tons Medium Lift Helicopter (One in the Hangar and One on the Platform)
- › JP-5 Refueling Station
- › HVLA System

## ACCOMMODATION

- › Comfortable Accommodation for 125 Personnel
- › Sickbay
- › Offices, Workshops
- › Officer Wardroom, Mess Rooms, Pantries
- › Galley & Food Storage Areas
- › General Storage Areas

## STM SAVUNMA TEKNOLOJİLERİ MÜHENDİSLİK VE TİCARET A.Ş.

Mustafa Kemal Mah. İsmail Karakaya Cad.  
No: 3A İç Kapı No: 1 Çankaya-Ankara/TÜRKİYE  
T +90 312 266 35 50 - F +90 312 266 35 51 - www.stm.com.tr

