



Andrea Doria Class

AAW Destroyer

FINCANTIERI
The sea ahead



Andrea Doria Class

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_ main characteristics

— Andrea Doria, designed and built with funds from the regular budget allocated annually to the Navy, is the first of two units of the class “Horizon” commissioned to Fincantieri with a contract signed in October 2000 and will be accompanied, since 2010, from Caio Duilio whose implementation was initiated in September 2003.

Andrea Doria and Caio Duilio ensure the rotation of the two units of Class Audace recently withdrawn from service.

On board are installed the most modern weapon and discovery systems, the result of international collaboration edge where the industry is inserted Italian Defence such program “PAAMS (joint implementation Italian, English and French) for a AAW system in the medium-haul, and the program “SLAT” (Italian-French collaboration) for the anti-torpedoes system.

Length overall	152.87 m
Length between perpendiculars	141.70 m
Beam	20.30 m
Depth	11.80 m
Full load displacement	7,050 t
Max speed	29 kn
Range at 18 kn (Diesel mode)	7,000 nm

ENERGY AND PROPULSION SYSTEMS

CODOG arrangement

.....	2 x 20.5 MW gas turbines
.....	2 x 4.32 MW diesel engines
.....	4 x 1.6 MW diesel generators

Feathering C.P. Propellers

Stabilizer	4 active fins
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CREW

Total	230 people
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HELO CAPABILITIES

Flight deck and hangar for EH101 or NH90

_ combat system

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- 1 Combat Management System
- 3 Main Calibre Guns - 76 mm SR
- 1 Principal Anti Air Missile System (PAAMS)
- 1 3D Long Range Radar
- 2 Radar/EO Fire Control System
- 2 Navigation Radars
- 1 Surface to Surface Missile System (SSM)
(4 x 2 Launchers)
- 2 Secondary Calibre Guns - 25 mm
- 1 Multifunctional Sonar

- 1 Lightweight Torpedo System
- 1 Decoy Launching System (2 Launchers)
- 1 IFF + 2 X Transponders
- 1 Underwater Telephone
- 1 Torpedo Self Defence System (SLAT)
- 1 Iras (Infrared Alerting System)
- 1 Navigation System + METOC
- 1 EW System (RESM/CESM, RECM)
- 1 Integrated Int/Ext Communication System
including SATCOM and Tactical Links