FRIGATES



The state of art Guided Missile Frigates are flagship product of Goa Shipyard Ltd. Customised to meet Indian Navy's specific requirements, these are potent platforms, with a mission span covering the entire spectrum of Naval warfare: Air, Surface and Sub-surface. The ships are capable to operate in littoral and blue waters; both as a single unit and as consorts of a naval task force. Advanced features of stealth include a special hull design, to limit radar cross-section, electromagnetic, infrared and under water noise signatures. The ships can carry highly sophisticated and state-of-art weapon systems and sensors. This compact, multi-role platform is the largest frontline vessel in the product range of Goa Shipyard and has propelled Goa Shipyard Ltd. into the select league of shipyards which can design and construct complex weapon intensive ships.

GOA SHIPYARD LIMITED
Ship Builders, Ship Repairers & Engineers
www.goashipyard.in

For further information, please contact:
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Business Development
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FRIGATES



Principle Particulars :

- **Overall length** : 124.80 M
- **Overall breadth** : 15.20 M
- **Std Displacement** : 3,300 T
- **Draught @ (Std displacement)** : about 4.3 M
- **Max. Draught** : NMT 6.80 M
- **Propulsion** : COGAG, 04 x GTs; 02 x FPP
- **Max Speed @ +40°C Ambient** : 28±0.5 knots
- **Cruising Speed under trial conditions** : 14 knots
- **Cruising Range** : 5000 NM
- **Endurance by provision** : 30 days
- **Ship's crew** : 250 persons

Salient Weapon & Sensors :

- **Surface to Surface Missiles** : BrahMos Missile System (Indigenous)
- **Surface to Air Missiles** : Medium Range SAM, Portable Air Defence
- **Primary Gun** : 76 MM SRGM (upgraded with extended ranges) (Indigenous)
- **Secondary Gun** : 02 x 30 MM Gun Mounts (Indigenous)
- **Torpedo Tubes Launchers** : 02 x ITTL (Indigenous)
- **Hull Mounted Sonar** : HUMSA NG
- **Rocket Launcher** : 1 x IRL (Indigenous) (Indigenous)
- **Active Towed Antenna Sonar** : ACTAS
- **Primary Situation Data Sensor** : Air & Surface Target Detection Radar (S - Band)
- **Detection & Target Designation Radar** : SSR-4 (Indigenous)
- **Airborne and Surface Targets Radar** : Pozitiv-ME 1.2
- **Electronic Countermeasures System** : Shakti EW (Indigenous)
- **Combat Management System** : (Indigenous)

Hangar and stage through facility for Anti-Submarine Warfare Helicopter. Weapons & Sensor - Generic

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