

F126

MULTI PURPOSE FRIGATE



General

Model	F126 Multi Purpose Frigate
Primary functions	Anti Air Warfare Anti Surface Warfare Anti Submarine Warfare Asymetrical Warfare Support of special forces
Secondary functions	Maritime Security & Safety Disaster Relief / Humanitarian Aid
Standards	Naval Naval intact/damaged stability Noise reduced Shock

Dimensions

Length o.a.	166.00 m
Beam mld	21.00 m
Draught	6.00 m
Displacement	10,000 tons

Performance

Speed (max.)	26+ kn
Speed E-propulsion	15+ kn
Range	5,000+ nm
Endurance	21 days at sea

Propulsion system

Propulsion system	CODLAD (COmbined Diesel-eLectric And Diesel)
Diesel engines	2 x 12,000 kW
Electric motors	2 x 4,000 kW
Propellers	2 x CPP
Integrated platform management system	

Auxiliary systems

Generator sets	4 x 3,000 kWE
Batteries	
Chilled water	2 x units, redundant distribution

Deck equipment

Helicopter deck	
Heli operations	day/night with refuelling system
Helicopter hangar	suitable for 2 x NH90 helicopter UAS integration
Boats	2 x MOB up to 3 x 12 m RHIB
Containers	up to 10, on mission decks

Accommodation

Fully air-conditioned accommodation for 198 persons

Sensor systems

XBand Multifunction Radar, fire control
CBand Multifunction Radar, surveillance
Electro-Optical tracking
Electro-Optical surveillance
Towed Array Sonar module
Electronic Support Systems

Weapon systems

Surface to Air Missiles (vertical launch system ESSM B12)
Surface to Surface Missiles
Point Defence Missile System
Main Gun 127 mm
2 x Side Gun MLG27
2 x Side Gun 12.7 mm
Softkill
Skeldar V-200 drone
Command & Control
Navigation

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