CORVETTE **C 90**

THE MULTIPURPOSE SOLUTION FOR MULTIPLE THREATS

Rheinmetall's new generation of corvette type C 90 combines three-dimensional warfare capabilities on a compact and affordable platform. Built to provide the most effective solution for maritime security operations and combat scenarios, the flexible design allows multirole tasks with tailored mission modules. A scalable combat suite incorporating various integrated sensors and effectors ensure efficient operation in all warfare segments such as AAW, ASW and ASuW in accordance with modern naval requirements and standards.

TAKING RESPONSIBILITY IN A CHANGING WORLD

RHEINMETALL

HIGH PERFORMANCE
WITH A COMPACT DESIGN

The innovative C 90 design offers optimum performance in terms of seakeeping capabilities, long endurance and enhanced survivability, high accommodation standards and low operational and maintenance costs. Whatever the focus, the C 90 corvette is a reliable vessel for conducting successful naval operations, whenever the need arises.

ADVANTAGES AT A GLANCE

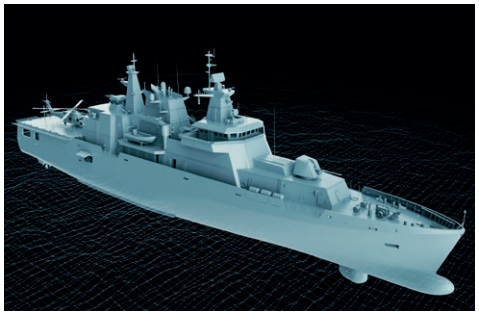
- Three-dimensional warfare capabilities
- High fire power via various effectors
- Stern ramp launching system
- Excellent seakeeping capabilities
- Enhanced multirole capabilities using advanced mission modularity
- Scalable customised combat suite for combat scenarios (AAW, ASW, ASuW)
- High level of crew comfort
- All-weather operations against numerous threats
- Multi-mission helicopter/UAV operations
- Cost-effective due to low through-life costs
- Magnetic protection/degaussing system
- NBC protection / NBC citadel and locks

DATA AND INFORMATION – C 90

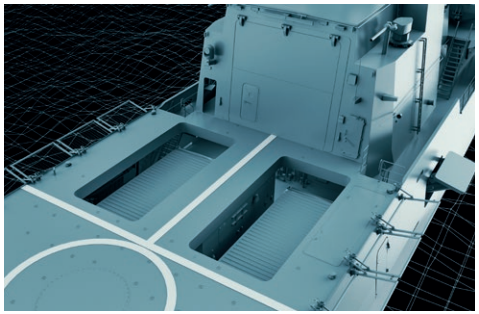
General	
Type	C 90
Dimensions and Crew	
Displacement	2,100 t
Length	90 m
Beam	13.5 m
Draught	3.5 m
Crew	60 (+ 25 embarked)
Propulsion	
Diesel engines	2
Total power	9,000 kW
Propellers	2× CPP
Speed	22 kn
Capabilities	
AAW, ASW, ASuW and electronic warfare	
Maritime patrol and surveillance	
Critical infrastructure protection	
Rapid response	
Boarding operations	
Special forces support	
Confined and shallow-water operations	
Task unit command	
Replenishment at sea	
Helicopter support	
Mission deck	
Disaster relief support	

Sensors/Communication
Combat management system
1× 3D search radar
1× fire control radar
2× navigation radar
EO / IR sensors
ESM/ECM/Laser warning system
IFF
Link 11 / 16 / 22
HMS/TAS sonar systems
Weapons
1× 76 / 62 super rapid
1× 35 mm
8× VLS
4× surface-to-surface missiles
2× decoy, 2× torpedo decoy
2× 12.7 mm
2× triple torpedo launcher
Additional Capabilities
Multi-mission helicopter hangar
Helicopter landing deck
Up to 3× 9 m RHIB
Stern ramp
2× container spaces

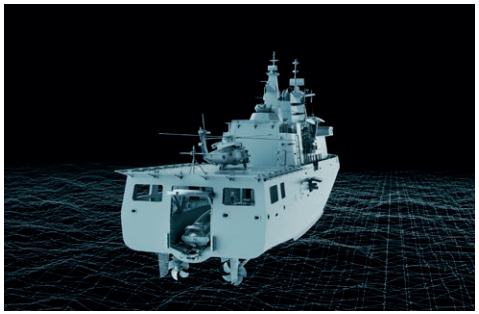
Three-dimensional warfare capabilities on a compact and affordable platform



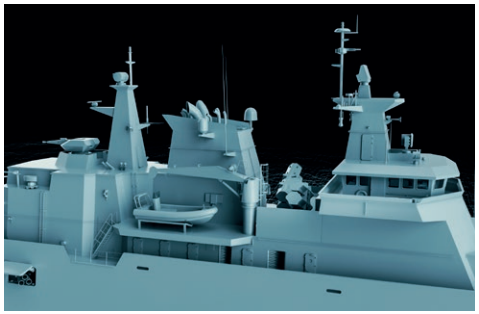
Multirole capabilities due to containerised mission modules



Fast launching system of high-speed RHIBs via a stern ramp or from the sides



Scalable combat suite incorporating various integrated sensors and effectors



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