



CORVETTE **C 90**

COMPACT. COST-EFFECTIVE. **COMBAT READY.**

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 a wide range of integrated sensors and effectors ensures efficient operations across all warfare domains, including AAW, ASW and ASuW, in accordance with modern naval requirements and standards.

TAKING RESPONSIBILITY IN A CHANGING WORLD



HIGH PERFORMANCE IN A COMPACT DESIGN

The innovative C90 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 C90 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

