

PATROL VESSEL **PV43-M**

MULTIFUNCTIONAL PATROL VESSEL

The PV43-M is a high-speed patrol vessel featuring a high-strength steel hull and a lightweight aluminium alloy superstructure. It is designed for maritime surveillance, rapid response, and the protection of critical maritime infrastructure and key assets. Equipped with an advanced combat suite, the PV43-M provides robust self-defence and anti-surface warfare capabilities while enabling seamless integration into joint maritime security and law enforcement operations. The flexible design can be adapted and enhanced with additional functions as operational needs change.

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EFFECTIVE AND **MISSION READY**

The PV43-M is based on a proven high-speed patrol boat design, delivering reliable performance. Powered by a high-performance propulsion system, it provides the speed, agility, and endurance required to accomplish a wide range of demanding missions.

Its mission profile extends from the rapid deployment of special forces to complex joint operations in support of maritime security and law enforcement. The seamless integration of advanced sensors and high-precision effectors ensures sustained mission success across the full spectrum of operational scenarios.

ADVANTAGES AT A GLANCE

- Powerful combat suite to support the defined mission set
- Reliable platform for easy operation, handling and maintenance
- Flexible, customised design with growth margins for weapon and sensor systems
- Cost-efficient operation

DATA AND INFORMATION – PV43-M	
General	
Type	PV43-M
Dimensions and Crew	
Displacement	276 t
Length	43.7 m
Beam	8 m
Draught	1.9 m
Crew	20
Propulsion	
Diesel engines	2
Total power	5,050 kW
Propellers	2× CPP
Speed	27 kn
Range	1,100 NM at 15 kn
Capabilities	
Protection of maritime key assets	
Joint operations in support of protecting national assets	
Combined operations in support of maritime enforcement tasks enforcement tasks	
Surveillance and patrolling in territorial sea	
Self defence against air, surface and asymetric threats enforcement tasks	
Anti-surface warfare	
Intercepting, chasing and stopping suspicious vessels at sea	
Transport of special forces (max. 10 persons)	
Sensors / Communication	
Combat management system	
E/O surveillance and fire control	
2× Navigation radar	
R-ESM	
V/UHF tactical communication	
HF tactical communication	
Satellite tactical communication	
Tactical Data Link (TDL)	
Weapons	
Remote controlled 30 mm main gun	
Surface-to-surface missiles	
2× 12.7 mm machine guns	
Decoy system	
Additional Capabilities	
Search and rescue operations at sea	
Human and natural desaster relief operations	
Maritime surveillance and response in territorial coastal waters and offshore	







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