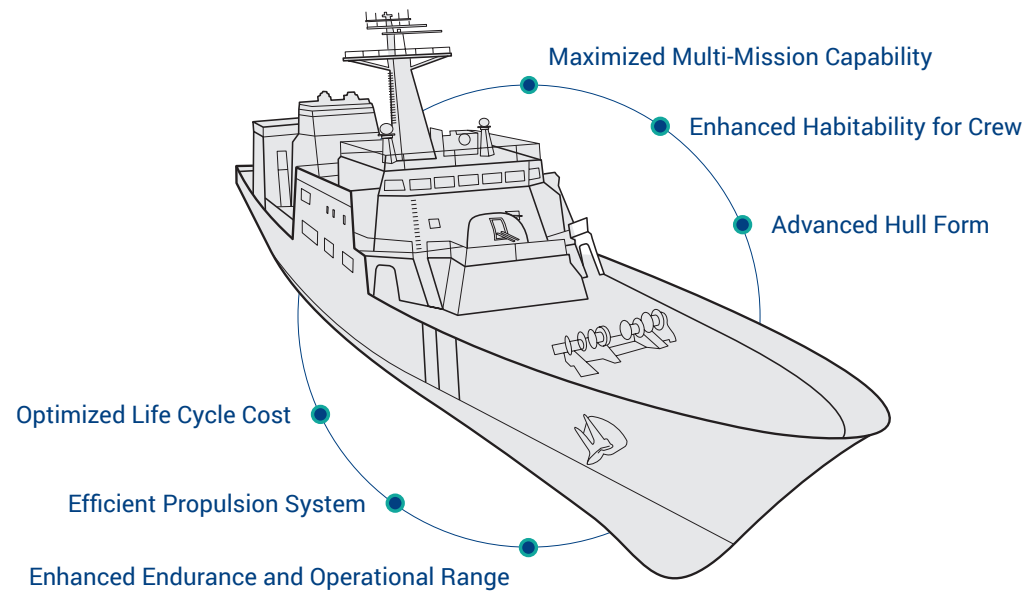


Our Top 3 Priorities

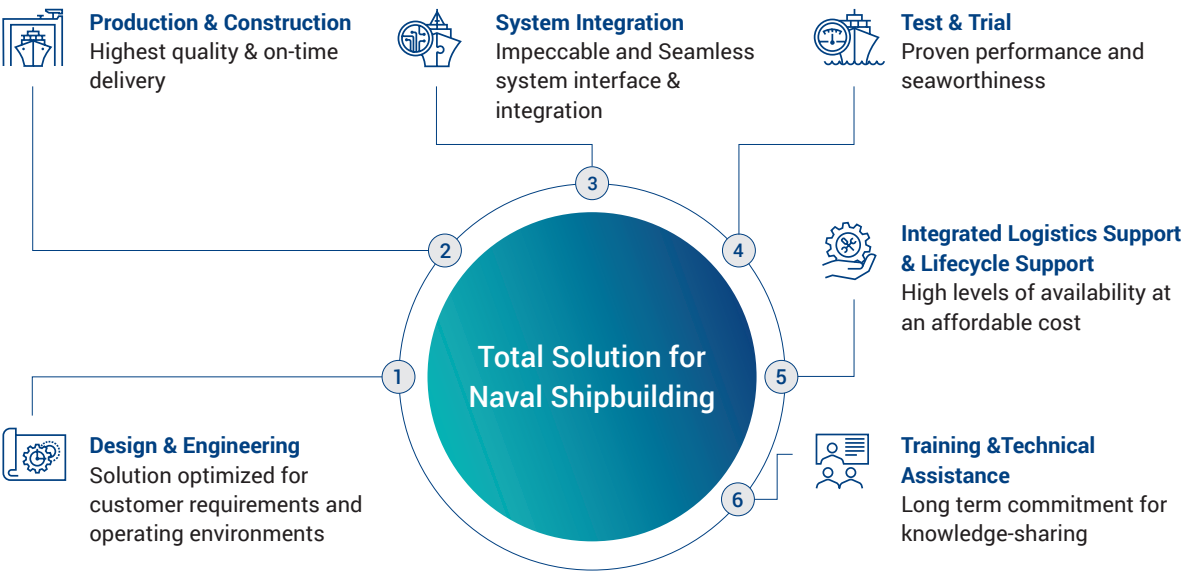


HD HHI Patrol Vessel Concept



Scope of Service

Total Solution for Naval Shipbuilding
HD HHI NSSBU provides A to Z package service from development of design to lifetime after sales service in accordance with the customer's requirement. NSSBU has the ideal experience and expertise to ensure delivery of such service to the satisfaction of the customer on time within the budget.



THE WORLD's NO.1 SHIPBUILDER



naval-special.hhi.co.kr/en



PATROL VESSELS

HDP SERIES

HD HYUNDAI HEAVY INDUSTRIES
NAVAL & SPECIAL SHIP BUSINESS UNIT

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HD Hyundai Heavy Industries
NSSBU



The Cradle of Maritime Security

World's No.1 Shipbuilder, HD Hyundai Heavy Industries

HD Hyundai Heavy Industries (HD HHI) is the Leader in the global shipbuilding industry. HD HHI acquired deep expertise and wide experience in shipbuilding to deliver high-quality ship from streamlined production facilities with reliable engineering solutions and innovative technologies. Based on a wealth of capabilities and experience, HD HHI has delivered more than 2,200 ships to clients around the world since 1972.

Tailored Solutions to Special and Naval Shipbuilding

HD HHI Naval & Special Ship Business Unit (NSSBU) is a dedicated organization to naval and special shipbuilding. Since delivery of the first Ulsan-class frigate for ROKN in 1980, NSSBU has played a pivotal role in the fleet modernization by designing and building a variety of sophisticated naval vessels, tailored to user requirements. Our experienced engineers and advanced facilities help deliver the most satisfactory solutions to our clients. Among HD HHI's 10 dry docks, 2 dry docks and 1 ship lift are dedicated to NSSBU for naval and special purpose vessels.

Commitment to Advanced Technology

Over the years, NSSBU has completed most of basic design for major ROKN surface combatants with latest warship technology. HD HHI R&D Center assists NSSBU to deliver pioneering solutions to the changing needs of consumers over time. We believe that technological innovation is the key to our leadership in the naval shipbuilding industry.



PATROL VESSELS

HDP SERIES

HD HHI's Offshore Patrol Vessels are multi-mission platforms with high versatility. It can adapt to a variety of tasks, from EEZ border surveillance to search and rescue (SAR) and humanitarian assistance and disaster relief (HADR) missions, but still affordable. Based on various proven platforms and technologies, it can be altered according to the needs of individual clients.

Mission

- Surveillance, Reconnaissance & Intelligence
- Maritime Safety Control
 - Search & Rescue
 - Disaster Relief
 - Fire Fighting
- Border and EEZ Control
- Environmental pollution control



Main Dimension

Length	150 m
Breadth	16 m
Displacement	5,000 tons

Performance

Max. Speed	26 kts
Operational Range	9,000 n.m. at 15 kts
Endurance	45 days

Helicopter Support

Flight Deck	1
No. of Hangar	1



Main Dimension

Length	81 m
Breadth	13 m
Displacement	1,500 tons

Performance

Max. Speed	21 kts
Operational Range	5,500 n.m. at 12 kts
Endurance	28 days

Helicopter Support

Flight Deck	1
No. of Hangar	N/A



Main Dimension

Length	63 m
Breadth	9 m
Displacement	500 tons

Performance

Max. Speed	35 kts
Operational Range	2,000 n.m. at 15 kts
Endurance	10 days

Helicopter Support

Flight Deck	N/A
No. of Hangar	N/A



Main Dimension

Length	115 m
Breadth	14 m
Displacement	3,000 tons

Performance

Max. Speed	28 kts
Operational Range	4,000 n.m. at 15 kts
Endurance	45 days

Helicopter Support

Flight Deck	1
No. of Hangar	1



Main Dimension

Length	90 m
Breadth	11 m
Displacement	1,000 tons

Performance

Max. Speed	30 kts
Operational Range	3,000 n.m. at 15 kts
Endurance	30 days

Helicopter Support

Flight Deck	N/A
No. of Hangar	N/A



Main Dimension

Length	57 m
Breadth	8 m
Displacement	300 tons

Performance

Max. Speed	35 kts
Operational Range	2,000 n.m. at 15 kts
Endurance	10 days

Helicopter Support

Flight Deck	N/A
No. of Hangar	N/A

Length / Speed

HDP-5000



HDP-3000



HDP-2500



HDP-1500Neo



HDP-1000



HDP-500



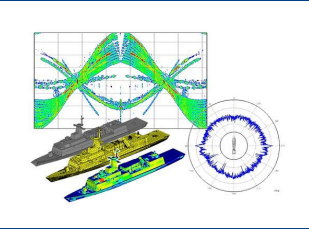
HDP-300



Enhanced Survivability

HD HHI has dramatically improved the survivability of its naval vessels through the analysis of potential threats and the application of advanced technologies, including:

- Shock Resistance & System Protection
- NBC Defence System
- Vital System Separation & Redundancy
- Reduced Signatures: RCS / IR / URN



In-House Engineering

HD Hyundai Heavy Industries has various in-house R&D institutes and is technologically self-sufficient. HD HHI's engineering capabilities can fully satisfy customer needs by delivering optimal solutions from proven cutting-edge technologies.



Quality Management

HD HHI responds to customer trust by applying strict quality management(QM) policies that meet international standards. We satisfy the standards of the ISO 9001QM system, and perform thorough quality management in the entire process along with various classification societies and certification organizations.

