

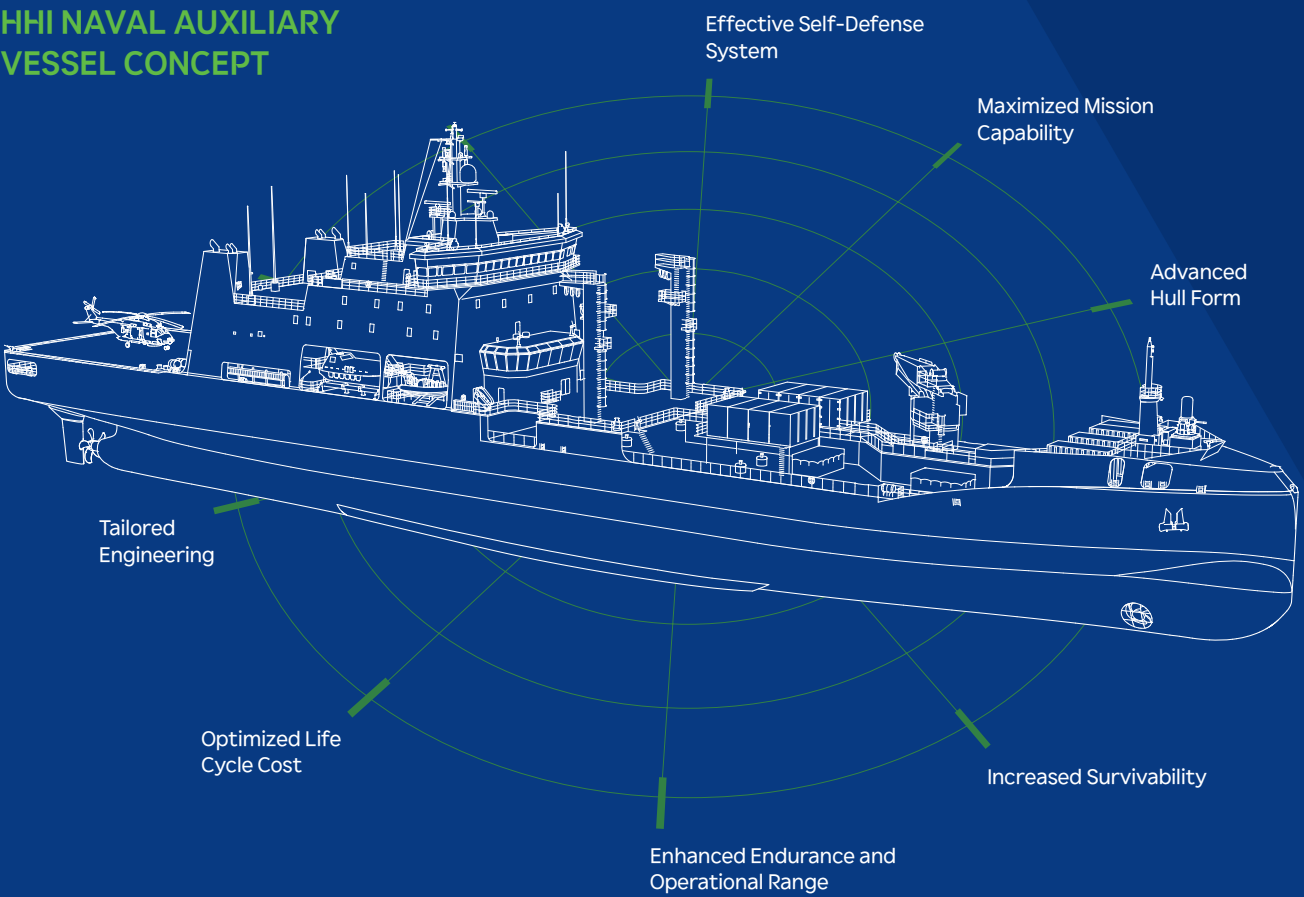
OUR TOP 3  
PRIORITIES

Tailored Solution

On-Time

Within Budget

HHI NAVAL AUXILIARY  
VESSEL CONCEPT



SCOPE OF SERVICE

Integrated solution for maritime security

HHI provides end-to-end services, from maritime security consulting to through-life support, tailored to customer's specific requirements. Our extensive experience and expertise guarantee the timely and budget-conscious delivery of these services to the satisfaction of the customers.



Maritime security consulting

Fleet modernization planning & Top level requirement analysis



Design & Engineering

Solution optimization for customer requirements and operating environments



Production & Construction

Highest quality & on-time delivery



System Integration

Impeccable and Seamless system interface & integration



Test & Trial

Proven performance and seaworthiness with systemic test procedure



Training & Technical assistance

Long term commitment for knowledge-sharing



Integrated Logistics Support & Through Life Support

High levels of availability at an affordable cost



Localization

Shared growth through transfer of technology and co-production

THE WORLD'S  
NO.1 SHIPBUILDER

english.hhi.co.kr  
naval-special.hhi.co.kr



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NAVAL  
AUXILIARIES



THE WORLD's NO.1 SHIPBUILDER

# THE CRADLE OF MARITIME SECURITY



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

HD Hyundai Heavy Industries (HHI) is the Leader in the global shipbuilding industry. 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, HHI has delivered more than 2,400 ships to clients around the world since 1972.

## Tailored Solutions to Special and Naval Shipbuilding

HHI Naval & Special Ship is a dedicated organization to naval and special shipbuilding. Since delivery of the first Ulsan class frigate for ROKN in 1980, HHI 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 enable us to deliver the most satisfactory solutions to our clients. Among HHI's 10 dry docks, 2 dry docks and 1 ship lift are dedicated to naval and special ship.

## Commitment to Advanced Technology

Over the years, HHI has completed the basic design for the majority of ROKN surface combatants, integrating cutting-edge warship technology. The HHI R&D center plays a crucial part in providing innovative solutions to meet the evolving needs of our customers over time. We are steadfast in our belief that technological innovation is fundamental to our leadership in the naval shipbuilding industry.

## HDA SERIES

### Logistics Support

HDA Series are efficient support vessels for combat task forces in high sea. The vessels fitted with modernized UNREP systems enabled the safe delivery of the maximum amount of cargo in the minimum time.



### HDA-24000 MAIN DIMENSION

Length	170 m
Breadth	25 m
Displacement	24,000 tons

### PERFORMANCE

Max. Speed	16 kts
Operational Range	8,500 n.m. at 15 kts
Endurance	40 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	1



### HDA-23000 MAIN DIMENSION

Length	190 m
Breadth	25 m
Displacement	23,000 tons

### PERFORMANCE

Max. Speed	24 kts
Operational Range	5,500 n.m. at 15 kts
Endurance	30 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	1



### HDA-20000 MAIN DIMENSION

Length	175 m
Breadth	25 m
Displacement	20,000 tons

### PERFORMANCE

Max. Speed	21 kts
Operational Range	10,000 n.m. at 21 kts
Endurance	30 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	1



### HDA-10000 MAIN DIMENSION

Length	135 m
Breadth	18 m
Displacement	10,000 tons

### PERFORMANCE

Max. Speed	19 kts
Operational Range	5,000 n.m. at 15 kts
Endurance	30 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	1

## HDL SERIES

### Amphibious Operation

HDL Series consist of Landing Platform Dock (LPD) and Landing Ship Tank (LST). LPD embarks, transports, and lands elements of a expeditionary force for amphibious warfare missions. LST carries significant quantities of vehicles, cargo, and landing troops on to unimproved shores.



### HDL-10000 MAIN DIMENSION

Length	140 m
Breadth	25 m
Displacement	10,000 tons

### PERFORMANCE

Max. Speed	16 kts
Operational Range	10,000 n.m. at 14 kts
Endurance	30 days

### TRANSPORTATION CAPACITY

Flight Deck	2	No. of Hangar	2
Landing Craft	2	Troop	520P
Battle Tank	6	Assault Vehicle	12



### HDM-3000 MAIN DIMENSION

Length	103 m
Breadth	15 m
Displacement	3,000 tons

### PERFORMANCE

Max. Speed	22 kts
Operational Range	4,500 n.m. at 15 kts
Endurance	30 days

### HELICOPTER SUPPORT & MINE LAYING CAPACITY

Flight Deck	1	Mine Laying System	1
No. of Hangar	N/A		



### HDL-7000 MAIN DIMENSION

Length	125 m
Breadth	19 m
Displacement	7,000 tons

### PERFORMANCE

Max. Speed	23 kts
Operational Range	8,000 n.m. at 15 kts
Endurance	30 days

### TRANSPORTATION CAPACITY

Flight Deck	2
No. of Hangar	N/A
Landing Craft	3



### HDT-5500 MAIN DIMENSION

Length	145 m
Breadth	18 m
Displacement	5,500 tons

### PERFORMANCE

Max. Speed	24 kts
Operational Range	7,500 n.m. at 18 kts
Endurance	30 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	2



### HDL-1400 MAIN DIMENSION

Length	58 m
Breadth	13 m
Displacement	1,400 tons

### PERFORMANCE

Max. Speed	10 kts
Operational Range	1,500 n.m. at 8 kts
Endurance	30 days

### TRANSPORTATION CAPACITY

Assault Vehicle	7
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### HDT-4500 MAIN DIMENSION

Length	105 m
Breadth	15 m
Displacement	4,500 tons

### PERFORMANCE

Max. Speed	18 kts
Operational Range	8,500 n.m. at 15 kts
Endurance	40 days

### HELICOPTER SUPPORT

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



### HDM-4000 MAIN DIMENSION

Length	115 m
Breadth	17 m
Displacement	4,000 tons

### PERFORMANCE

Max. Speed	23 kts
Operational Range	4,500 n.m. at 15 kts
Endurance	30 days

### HELI SUPPORT & MINE LAYING

Flight Deck	1
No. of Hangar	1
Mine Laying System	1



### HDT-3000 MAIN DIMENSION

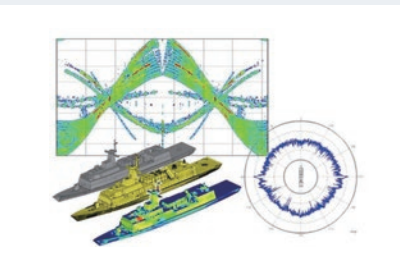
Length	115 m
Breadth	14 m
Displacement	3,000 tons

### PERFORMANCE

Max. Speed	28 kts
Operational Range	6,000 n.m. at 15 kts
Endurance	30 days

### HELICOPTER SUPPORT

Flight Deck	1
No. of Hangar	1 (Telescopic)



### Enhanced Survivability

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 / Magnetic



### In-House Engineering

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



### Quality Management

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.