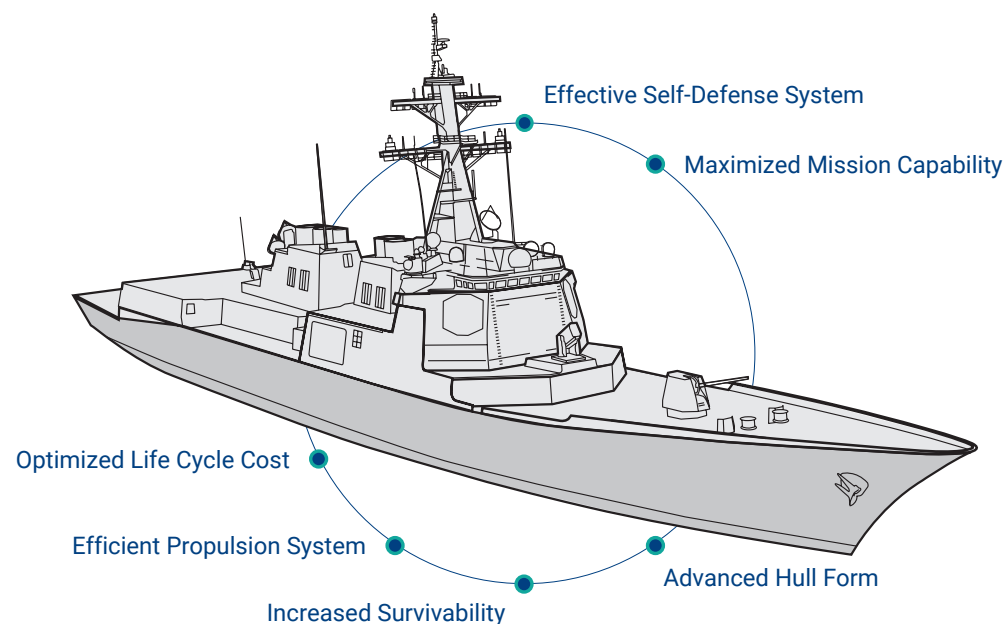


Our Top 3 Priorities



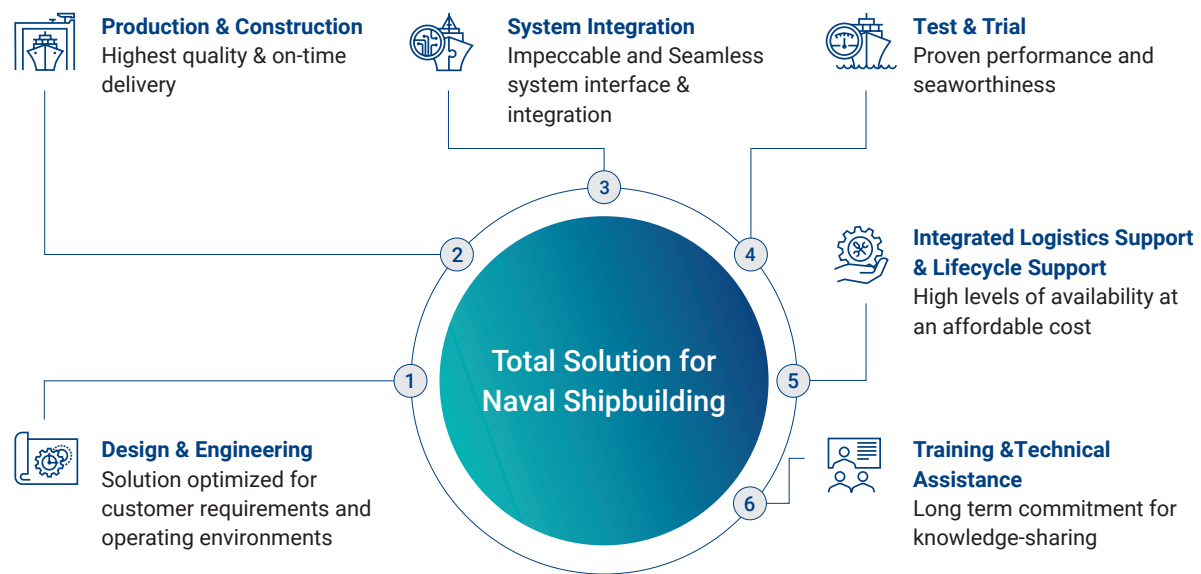
HD HHI Surface Combatant Concept



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



SURFACE COMBATANTS

HDD SERIES
Destroyer

HDF SERIES
Frigate

HDC SERIES
Corvette / Fast Attack Craft



NAVAL & SPECIAL SHIP BUSINESS UNIT

GENERAL INFORMATION

Marketing & Sales
Naval & Special Ship Business Unit(NSSBU)
GRC 8F, 477 Bundanguseoro, Bundang-gu,
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Phone +82-(0)2-479-5853
Fax +82-(0)2-500-4982

REPAIR, IN-SERVICE SUPPORT

Program Management
Naval & Special Ship Business Unit(NSSBU)
1000 Bangeojinsunhwan-doro,
Dong-gu, Ulsan, 44032 Republic of Korea
Phone +82-(0)52-203-9354
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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.



SURFACE COMBATANTS

HDD SERIES Destroyer

Capable of operating effectively in blue water for long periods of time, the HDD series are extremely powerful destroyers that have high performance sensors and a variety of offensive and defensive capabilities.

Mission

- Anti Surface Warfare (ASuW)
- Anti Submarine Warfare (ASW)
- Anti Air Warfare (AAW)
- Electronic Warfare (EW)
- Naval Gun Fire Support (NGFS)

HDF SERIES Frigate

The HDF series is multi-purpose stealth frigate that incorporates the latest technologies. Although it is smaller than the HDD series, it can be effectively used in various warfare areas. It is equipped with the ability to effectively respond to multi-mission operations. It also has excellent maneuverability, and all onboard systems are seamlessly integrated to ensure maximum performance when needed.

Mission

- Anti Surface Warfare (ASuW)
- Anti Submarine Warfare (ASW)
- Anti Air Warfare (AAW)
- Electronic Warfare (EW)
- Naval Gun Fire Support (NGFS)



| Main Dimension | |
|----------------|-------------|
| Length | 170 m |
| Breadth | 22 m |
| Displacement | 11,000 tons |

| Performance | |
|-------------------|----------------------|
| Max. Speed | 30 kts |
| Operational Range | 5,500 n.m. at 20 kts |
| Endurance | 30 days |

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 2 |



| Main Dimension | |
|----------------|-------------|
| Length | 165 m |
| Breadth | 21 m |
| Displacement | 10,000 tons |

| Performance | |
|-------------------|----------------------|
| Max. Speed | 30 kts |
| Operational Range | 5,500 n.m. at 20 kts |
| Endurance | 30 days |

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 2 |



| Main Dimension | |
|----------------|------------|
| Length | 150 m |
| Breadth | 18 m |
| Displacement | 5,000 tons |

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

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 2 |



| Main Dimension | |
|----------------|------------|
| Length | 129 m |
| Breadth | 15 m |
| Displacement | 4,000 tons |

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

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |



| Main Dimension | |
|----------------|------------|
| Length | 122 m |
| Breadth | 14 m |
| Displacement | 3,800 tons |

| Performance | |
|-------------------|----------------------|
| Max. Speed | 27 kts |
| Operational Range | 4,500 n.m. at 15 kts |
| Endurance | 30 days |

| Transportation Capacity | |
|-------------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |



| Main Dimension | |
|----------------|------------|
| Length | 115 m |
| Breadth | 15 m |
| Displacement | 3,100 tons |

| Performance | |
|-------------------|----------------------|
| Max. Speed | 25 kts |
| Operational Range | 4,500 n.m. at 15 kts |
| Endurance | 20 days |

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |



| Main Dimension | |
|----------------|------------|
| Length | 114 m |
| Breadth | 14 m |
| Displacement | 3,000 tons |

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

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |



| Main Dimension | |
|----------------|------------|
| Length | 120 m |
| Breadth | 14 m |
| Displacement | 3,500 tons |

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

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |

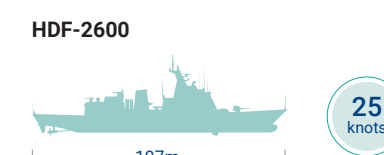
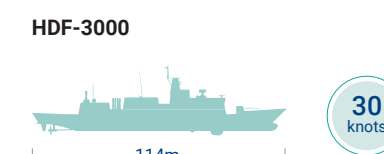
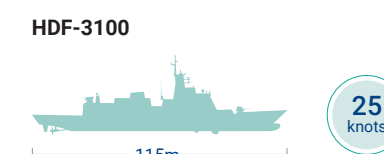
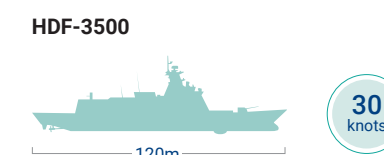
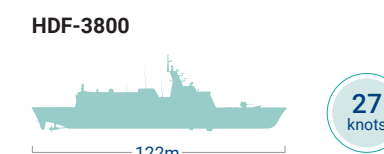
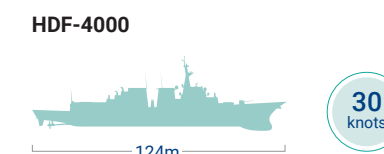
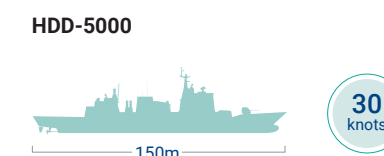
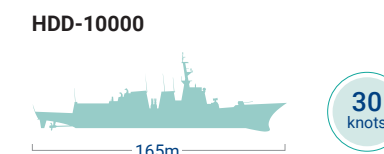
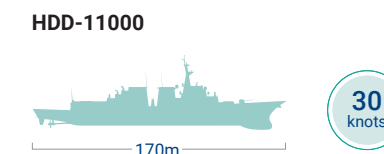


| Main Dimension | |
|----------------|------------|
| Length | 107 m |
| Breadth | 14 m |
| Displacement | 2,600 tons |

| Performance | |
|-------------------|----------------------|
| Max. Speed | 25 kts |
| Operational Range | 4,500 n.m. at 15 kts |
| Endurance | 30 days |

| Helicopter Support | |
|--------------------|---|
| Flight Deck | 1 |
| No. of Hangar | 1 |

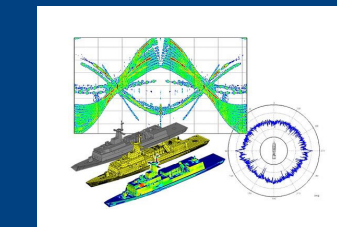
Length / Speed



Enhanced Survivability

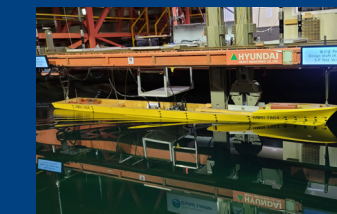
HD HHI has dramatically improved the survivability of its naval vessels through the analysis of potential threats and the application of advanced technologies, including:

- 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.

