

The Cradle of Maritime Security

NAVAL & SPECIAL SHIP

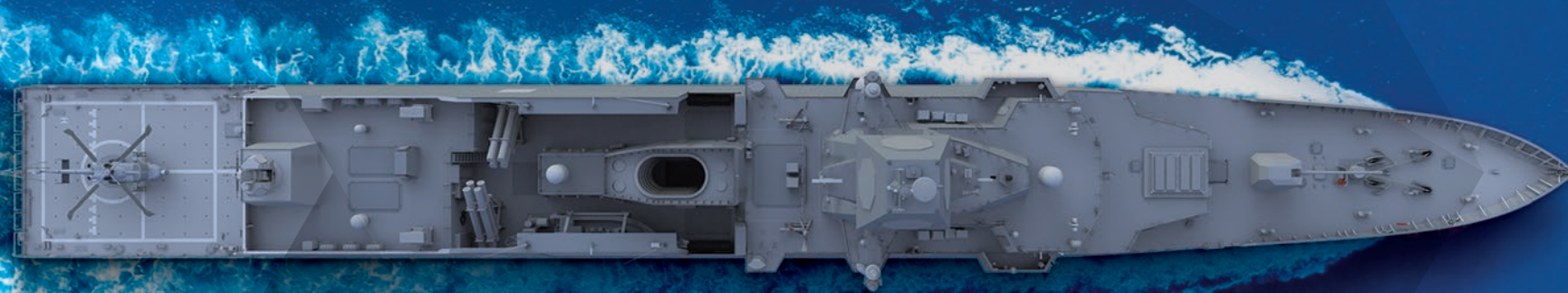


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ABOUT HD HYUNDAI HEAVY INDUSTRIES

THE WORLD'S NO.1 SHIPBUILDER

HD Hyundai Heavy Industries(HHI) is an integrated heavy industry company made up of 3 business units; Shipbuilding & Offshore, Naval & Special Ship, and Engine & Machinery.

Since 1985, HHI has been ranked as the top shipbuilder based on the number of ships built per year, and has maintained the leading position in the global shipbuilding market ever since.

HHI leads the global shipbuilding industry. We are capable of building all types of ships to meet various demands from its clients with ten large-scale drydocks and ten huge 'Goliath Cranes'. HHI has delivered more than 2,400 vessels to about 330 shipowners in 52 countries since 1972.

ESTABLISHED



1972

AVERAGE ANNUAL SHIP PRODUCTION



100+

SHIPS DELIVERED



2,400+

EMPLOYEES



14,000+

M² IN AREA



6,000,000

CUMULATIVE TONNAGE



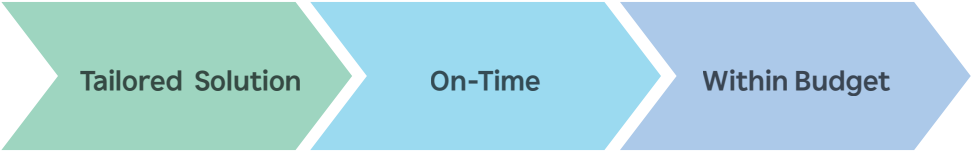
220 Mil.

BIGGER & BETTER

HD Hyundai Heavy Industries operates 10 drydocks and 1 shiplift equipped with 10 Goliath cranes and modern construction facilities in Ulsan. Each drydock and facilities are arranged so that the most efficient and streamlined construction can take place in consideration of the characteristics of the vessel to be built.

Dry dock No. 6, 7 and Ship Lift are allocated for small-medium size but complicated special purposed vessels such as naval and customized service vessels. This prestigious shipbuilding mission is assigned to a dedicated organization named Naval & Special Ship, which has specialized manpower with independent building facilities located in the company’s secured zone.

OUR TOP 3 PRIORITIES



Dock	Length	Width	Depth	Crane	Max. size DWT	Outfitting quay
NO. 1	390m	80m	12.7m	1 × 1,290t Goliath 2 × 450t Goliath	700,000	Combined length: 7,400m
NO. 2	500m	80m	12.7m	2 × 40t Jib 2 × 30t Jib		
NO. 3	672m	92m	13.4m	1 × 1,290t Goliath 2 × 450t Goliath 1 × 150t Jib 1 × 80t Jib 2 × 30t Jib 1 × 20t Jib	1,000,000	
NO. 4	380m	65m	12.7m	2 × 350t Jib 1 × 200t Jib	400,000	
NO. 5	380m	65m	12m	1 × 150t Jib 1 × 80t Jib		
NO. 6	260m	43m	12m	1 × 200t Jib 1 × 150t Jib	179,000	
NO. 7	170m	25m	11m		68,000	
Ship Lift	100m	16m	-	1 × 60t Jib	25,600	
NO. 8	460m	70m	12.7m	2 × 900t Goliath 4 × 30t Jib	500,000	
NO. 9	460m	70m	12.7m	1 × 20t Jib		
NO. 10	490m	115m	13.5m	2 × 1,600t Goliath	1,000,000	



MARITIME SECURITY SOLUTION PROVIDER

With experienced personnel and digitalized modern facilities, HHI has been providing integrated maritime security solutions for clients for nearly 5 decades as a designer, builder, Integrator, advisor and maintainer.

As a licensed defense company and engineering consultant, HHI holds a prominent position in domestic maritime defense program and have successfully created a significant impact in the global arena.

With round-the-clock intensive R&D activities, HHI incorporates cutting-edge technology into proven technical foundations. HHI provides comprehensive services from maritime security consulting to through life support.

HHI assures on-time delivery of high-quality vessels through in-house shipbuilding. Alternatively, we support localization by collaborating with local shipyards with transfer of technology, fostering a shared vision for long-term growth.

Naval & Special Ship

MAN POWER



1300+

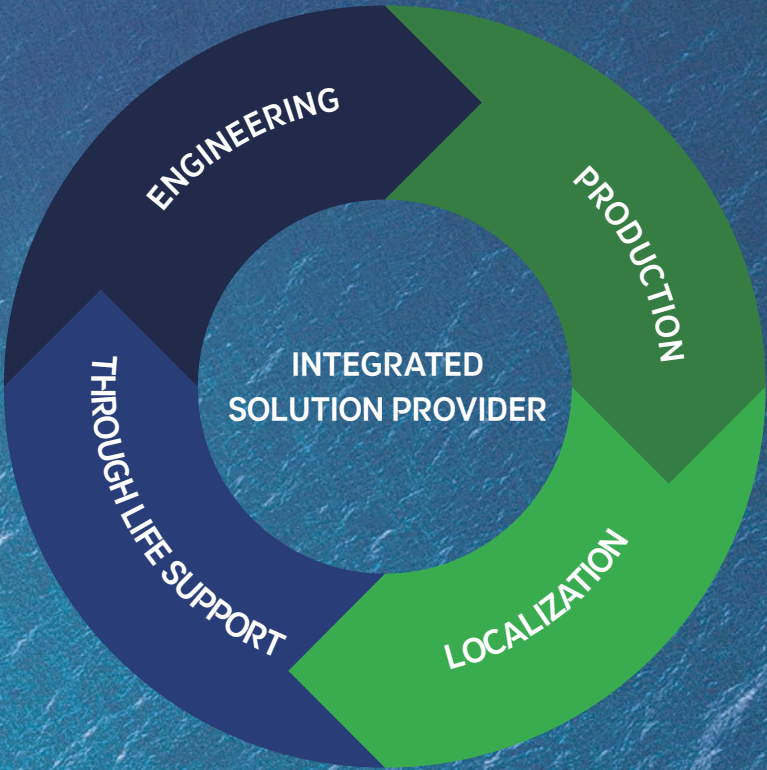
DELIVERED



130+

CRADLE FOR MARITIME SECURITY

HHI provides a comprehensive, integrated solution, covering various aspects of naval vessel operations. Our commitment spans engineering, production, localization, and through-life support, offering a thorough approach across the entire maritime security.



ENGINEERING

HHI is committed to utilizing the latest technology based on its diverse experience in carrying out various naval ship development projects



PRODUCTION

HHI specializes in the construction of exceptionally high-quality vessels on time and within budget



LOCALIZATION

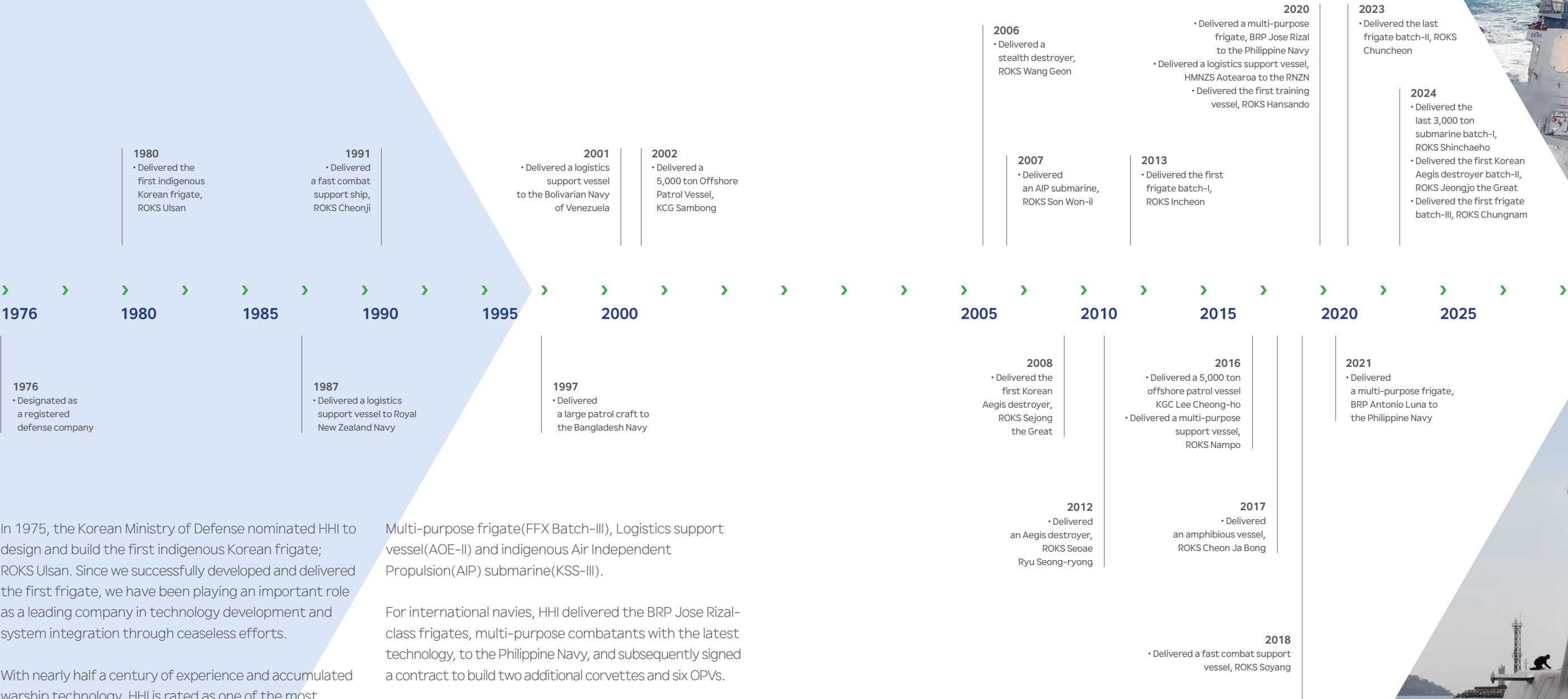
HHI welcomes collaboration with local shipyards, enabling technology transfer and developing a shared vision for sustainable growth in the long term



THROUGH LIFE SUPPORT

HHI ensures optimal operational readiness, maintenance efficiency, and swift responses to enhance overall mission availability.

50 YEARS OF NAVAL SHIPBUILDING EXPERIENCE



In 1975, the Korean Ministry of Defense nominated HHI to design and build the first indigenous Korean frigate; ROKS Ulsan. Since we successfully developed and delivered the first frigate, we have been playing an important role as a leading company in technology development and system integration through ceaseless efforts.

With nearly half a century of experience and accumulated warship technology, HHI is rated as one of the most reliable shipyards in Korea as well as in the world. HHI, as a key solution provider for the Republic of Korea Navy(ROKN) and Korean Coast Guard(KCG), has been undertaking pioneering projects such as Aircraft carrier(CVX), Korea Destroyer Next Generation(KDDX),

Multi-purpose frigate(FFX Batch-III), Logistics support vessel(AOE-II) and indigenous Air Independent Propulsion(AIP) submarine(KSS-III).


























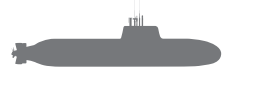












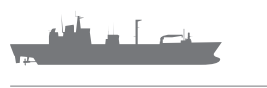



For international navies, HHI delivered the BRP Jose Rizal-class frigates, multi-purpose combatants with the latest technology, to the Philippine Navy, and subsequently signed a contract to build two additional corvettes and six OPVs.

The HMNZS Aotearoa, a Logistics Support Vessel tailored for extreme operations in the Antarctic Ocean, has been successfully delivered to the Royal New Zealand Navy, replacing the HMNZS Endeavor built and delivered by HHI in 1987.



FULL RANGE OF NAVAL DESIGNS

Based on various types of naval vessels successfully delivered to global navies, HHI is fully capable of developing all kinds and any size of naval vessels. Built upon proven naval vessel design technology, we hold distinctive capability to customize designs to meet the specific requirements of each navy's mission environment.

DESTROYER	FRIGATE / CORVETTE / FAST ATTACK CRAFT	SUBMARINE	LOGISTICS SUPPORT VESSEL	MULTI-PURPOSE SUPPORT VESSEL	AMPHIBIOUS VESSEL	TRAINING VESSEL	PATROL VESSEL
HDD-11000	HDF-4000	HDS-3000	HDA-34000	HDM-4000	HDL-17000	HDT-5500	HDP-5000
							
HDD-10000	HDF-3800	HDS-2300	HDA-24000	HDM-3000	HDL-13000	HDT-4500	HDP-3000
							
HDD-9000	HDF-3500	HDS-1800	HDA-23000		HDL-10000	HDT-3000	HDP-2500
							
HDD-5000	HDF-3200	HDS-1500	HDA-22000		HDL-7000		HDP-2200
							
	HDF-3000	HDS-600	HDA-20000		HDL-1400		HDP-1500Neo
							
	HDF-2600		HDA-10000				HDP-1000
							
	HDC-2000		HDA-8000				HDP-500
							
	HDC-500						HDP-300
							

PROVEN & CUSTOMIZABLE DESIGN

- Destroyer
- Frigate / Corvette / Fast Attack Craft
- Submarine
- Logistics Support Vessel
- Multi-Purpose Support Vessel
- Amphibious Vessel
- Training Vessel
- Patrol Vessel

DESTROYER



HDD-11000

DIMENSION	170m × 22m × 6m
DISPLACEMENT	11,000 tonnes
MAX. SPEED	30 knots



HDD-10000

DIMENSION	165m × 21m × 6m
DISPLACEMENT	10,000 tonnes
MAX. SPEED	30 knots



HDD-9000

DIMENSION	160m × 20m × 6m
DISPLACEMENT	9,000 tonnes
MAX. SPEED	28 knots



HDD-5000

DIMENSION	150m × 18m × 5m
DISPLACEMENT	5,000 tonnes
MAX. SPEED	30 knots



FRIGATE / CORVETTE / FAST ATTACK CRAFT



HDF-4000

DIMENSION 129m × 15m × 4m
DISPLACEMENT 4,000 tonnes
MAX. SPEED 30 knots



HDF-3800

DIMENSION 122m × 14m × 4m
DISPLACEMENT 3,800 tonnes
MAX. SPEED 27 knots



HDF-3500

DIMENSION 120m × 14m × 4m
DISPLACEMENT 3,500 tonnes
MAX. SPEED 30 knots



HDF-3200

DIMENSION 115m × 15m × 4m
DISPLACEMENT 3,200 tonnes
MAX. SPEED 26 knots



HDF-3000

DIMENSION 114m × 14m × 4m
DISPLACEMENT 3,000 tonnes
MAX. SPEED 30 knots



HDF-2600

DIMENSION 107m × 14m × 4m
DISPLACEMENT 2,600 tonnes
MAX. SPEED 25 knots



HDC-2000

DIMENSION 92m × 13m × 3.5m
DISPLACEMENT 2,000 tonnes
MAX. SPEED 25 knots



HDC-500

DIMENSION 65m × 9m × 3m
DISPLACEMENT 500 tonnes
MAX. SPEED 40 knots



SUBMARINE



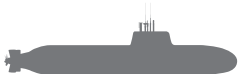
HDS-3000

DISPLACEMENT 3,000 tonnes
MAX. SPEED 20 knots



HDS-2300

DISPLACEMENT 2,300 tonnes
MAX. SPEED 20 knots



HDS-1800

DISPLACEMENT 1,800 tonnes
MAX. SPEED 21 knots



HDS-1500

DISPLACEMENT 1,500 tonnes
MAX. SPEED 20 knots



HDS-600

DISPLACEMENT 600 tonnes
MAX. SPEED 14 knots



LOGISTICS SUPPORT VESSEL



HDA-34000

DIMENSION 237m × 32m × 9m
DISPLACEMENT 34,000 tonnes
MAX. SPEED 16 knots



HDA-24000

DIMENSION 170m × 25m × 8m
DISPLACEMENT 24,000 tonnes
MAX. SPEED 16 knots

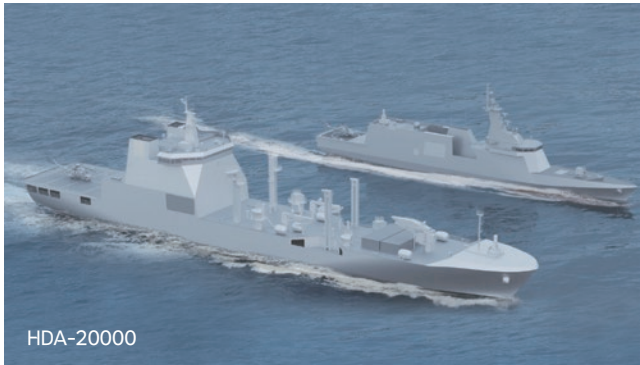




HDA-23000

HDA-23000

DIMENSION 190m × 25m × 8m
DISPLACEMENT 23,000 tonnes
MAX. SPEED 24 knots



HDA-20000

HDA-22000

DIMENSION 165m × 24m × 8m
DISPLACEMENT 22,000 tonnes
MAX. SPEED 16 knots



HDA-10000

HDA-20000

DIMENSION 175m × 25m × 7m
DISPLACEMENT 20,000 tonnes
MAX. SPEED 21 knots



HDA-10000

DIMENSION 135m × 18m × 9m
DISPLACEMENT 10,000 tonnes
MAX. SPEED 19 knots



HDA-8000

HDA-8000

DIMENSION 135m × 18m × 7m
DISPLACEMENT 8,000 tonnes
MAX. SPEED 20 knots



MULTI-PURPOSE SUPPORT VESSEL



HDM-4000

HDM-4000

DIMENSION 115m × 17m × 5m
DISPLACEMENT 4,000 tonnes
MAX. SPEED 23 knots



HDM-4000

HDM-3000

DIMENSION 103m × 15m × 3m
DISPLACEMENT 3,000 tonnes
MAX. SPEED 22 knots



HDM-3000

AMPHIBIOUS VESSEL



HDL-17000

DIMENSION	176m × 25m × 6m
DISPLACEMENT	17,000 tonnes
MAX. SPEED	18 knots



HDL-13000

DIMENSION	160m × 25m × 6m
DISPLACEMENT	13,000 tonnes
MAX. SPEED	18 knots



HDL-10000

DIMENSION	140m × 25m × 5m
DISPLACEMENT	10,000 tonnes
MAX. SPEED	16 knots



HDL-7000

DIMENSION	125m × 19m × 5m
DISPLACEMENT	7,000 tonnes
MAX. SPEED	23 knots



HDL-1400

DIMENSION	58m × 13m × 2.5m
DISPLACEMENT	1,400 tonnes
MAX. SPEED	10 knots



TRAINING VESSEL



HDT-5500

DIMENSION	145m × 18m × 5m
DISPLACEMENT	5,500 tonnes
MAX. SPEED	24knots



HDT-4500

DIMENSION	105m × 15m × 5m
DISPLACEMENT	4,500 tonnes
MAX. SPEED	18knots



HDT-3000

DIMENSION	115m × 14m × 4m
DISPLACEMENT	3,000 tonnes
MAX. SPEED	28knots



PATROL VESSEL



HDP-5000

HDP-5000

DIMENSION	150m × 16m × 5m
DISPLACEMENT	5,000 tonnes
MAX. SPEED	26knots



HDP-3000

HDP-3000

DIMENSION	115m × 14m × 4m
DISPLACEMENT	3,000 tonnes
MAX. SPEED	28knots



HDP-2200+

HDP-2500

DIMENSION	98m × 14m × 4m
DISPLACEMENT	2,500 tonnes
MAX. SPEED	20knots



HDP-2200

HDP-2200

DIMENSION	94m × 14m × 4m
DISPLACEMENT	2,200 tonnes
MAX. SPEED	22knots



HDP-1500Neo

HDP-1500Neo

DIMENSION	81m × 13m × 3m
DISPLACEMENT	1,500 tonnes
MAX. SPEED	21knots



HDP-1000

HDP-1000

DIMENSION	90m × 11m × 3m
DISPLACEMENT	1,000 tonnes
MAX. SPEED	30knots



HDP-500

HDP-500

DIMENSION	63m × 9m × 3m
DISPLACEMENT	500 tonnes
MAX. SPEED	35knots



HDP-300

















HDP-300

DIMENSION	57m × 8m × 2m
DISPLACEMENT	300 tonnes
MAX. SPEED	35knots



INTEGRATED SOLUTION PROVIDER

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.

 <p>Maritime security consulting Fleet modernization planning & Top level requirement analysis</p> 	 <p>Design & Engineering Solution optimization for customer requirements and operating environments</p> 	 <p>Production & Construction Highest quality & on-time and fast delivery through streamline facility</p> 	 <p>System Integration Impeccable and Seamless system interface & integration</p> 
 <p>Test & Trial Proven performance and seaworthiness with systemic test procedure</p> 	 <p>Training & Technical assistance Long term commitment for knowledge-sharing</p> 	 <p>Integrated Logistics Support & Through Life Support High levels of availability at an affordable cost</p> 	 <p>Localization Shared growth through transfer of technology and co-production</p> 



STATE-OF-THE-ART TECHNOLOGY

Modern warship technology advances other myriad branches of technologies and poses at the highest technological level. Therefore, R&D is essential for naval shipbuilder to remain at the forefront of technical development.

HD Hyundai Heavy Industries places a strong emphasis on keeping abreast of the principle and has established intensified R&D works. HHI strengthens its technological competitiveness by developing cutting-edge technologies through tireless research and development efforts.

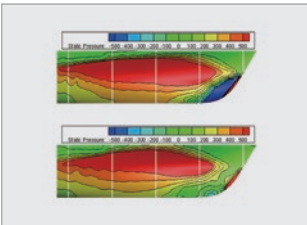
We operate the Hyundai Maritime Research Institute, the Naval Ship Research Department, and the Green Power & Engine System Research Department. These departments strive to develop core technologies to improve the survivability of surface and submarine vessels.

We are committed to delivering greater value to our clients with continued focus on technology innovation by future expanding R&D infrastructure and securing excellent research manpower.

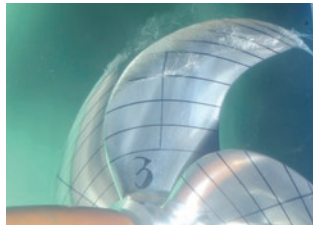
HHI is also targeting to secure future unrivaled technologies. A mid-to long-term product/technology roadmap has been prepared to secure unrivaled competitiveness. We have carefully selected the core development items which will be ultimately used for building advanced ships and futuristic autonomous shipyards by combining cutting-edge ICT and intelligent robot technology.



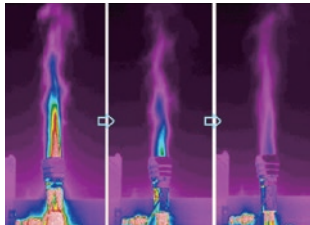
Hydrodynamics Simulation and Test



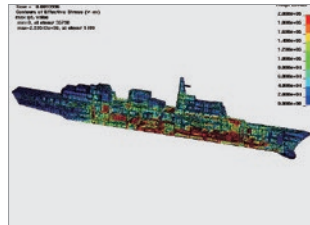
Propeller Design & Test



Stealth Simulation



Survivability Simulation



SUPPORT & COMMITMENT

Aside from constructing high-quality ships, HHI provides comprehensive Through Life Support(TLS)/In-Service Support(ISS), Integrated Logistics Support(ILS) and Operational Support Services. This ensures high reliability, availability and maintainability with optimal cost throughout the entire product life-cycle of the vessel and complex onboard systems.


With extensive experience in managing large-scale projects, we provide continuous support for the entire period of the project delivered by fully qualified engineering experts and service support teams. Our expert teams ensure that systems are tailored to the operational needs, guaranteeing customer satisfaction. Our integrated support services are customizable to meet specific requirements, offering a one-stop solution for all customers' needs.


Our commitment to customer satisfaction extends beyond product delivery. We serve as a reliable partner, supporting clients throughout the entire lifespan of the vessel and onboard systems to enhance availability and performance.

Through industrial and government collaboration activities designed to foster mutual growth and establish sustainable relationships between companies and governments, we promote responsible mutual development and reliable support from Korean government, navy and coast guard. Our international partners can receive our innovative resources and know-how while minimizing costs and risks. To achieve this, HHI provides technical assistance, education, and training, and strives to build long-term, constructive relationships.



GLOBAL NETWORK

 HD HYUNDAI HEAVY INDUSTRIES
Overseas Branches

 HD HYUNDAI HEAVY INDUSTRIES
Overseas Subsidiaries

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ASIA & MIDDLE EAST

MIDDLE EAST AND AFRICA

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THE WORLD'S NO.1 SHIPBUILDER

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naval-special.hhi.co.kr



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