As the global leader in shipbuilding industry, Hyundai Heavy Industries (HHI) has built its core values through numerous accomplishments and advanced technologies that could only be achieved through years of research and experience. Our Company’s initiative and mindset have served as the backbone to global leadership in the shipbuilding industry, and HHI is continuously moving towards a bright future. Like the courageous sailor navigating through the ocean, we will endlessly strive towards a goal that no one has achieved in the past.
Hyundai Heavy Industries has grown as the world’s leading premier shipbuilder by providing a competitive skill set through pioneering spirit. Additionally, HHI’s broad knowledge that has built upon our experience has allowed us to lead the heavy industries market and to contribute to Korea’s economic development. HHI is displaying its global presence through cutting-edge technology and indomitable records, and is creating a new paradigm in heavy industries.
Creative Wisdom  With a future-oriented perspective, we have met the changing needs of our clients, and will continue to do so by applying our experience, intelligence, and creativity. We are dedicated to developing new technologies to improve the quality of life throughout the global community and into the future.

Positive Thinking  The remarkable growth and prosperity of our company is due to the commitment of HHI’s employees. Once committed to an idea, we have the ability to transform that idea into reality. In this ever more competitive world, our commitment to providing quality products to our clients will give us an edge over our competitors.

Unwavering Drive  Our dedication is driven by our enthusiasm. The quality of our products and services is a direct reflection of our unceasing determination and hard work. We will continue to take on new challenges and find new ways to improve our products and services.

The success or failure of any venture depends on the attitude and outlook of those involved. We have achieved technological advancements that were considered theoretically and scientifically impossible. These accomplishments were the result of an enterprising and pioneering spirit dedicated to hard work and diligence. The source of these abilities is the mind. Conviction can inspire extraordinary efforts. An enterprising spirit is the key to performing miracles. I have tackled projects thought to be beyond human capability and my motivation is the satisfaction of seeing those projects succeed.

Founder  Chung Ju-yung (1915 - 2001)
Since our establishment in 1972, Hyundai Heavy Industries has overcome numerous challenges while maintaining a leading position in the global shipbuilding industry. Today, HHI stands as a full-fledged heavy industries company with seven business divisions. The 21st century requires a new vision. Global markets are opening and boundless competition defines this new era.

We meet this new era with high expectations of consolidating our leadership position in our core business fields. We are restructuring our business for future growth by expanding into high-tech fields including new and renewable energy development. We will also continue to improve the technology and quality of our mainstream products. We value the mutual trust and understanding that we have established with our business partners throughout the world. We will continue to honour these precious relationships and offer our clients the best products and services.

“ We will continue to honour valued relationships and offer our clients the best products and services. ”

Lee Jai-seong
President & CEO

Yours sincerely,
Hyundai Heavy Industries took the impossible dream of shipbuilding in Korea and became the global leader in this industry. “With the founding philosophy of creative wisdom, positive thinking, and unwavering drive, we will continue to reinforce our competitiveness and innovation to build a better future.”
Hyundai Heavy's shipyards have continuously been developed since the founding in 1972 and are now placed firmly at the forefront of the global shipbuilding industry. We owe our rapid growth and success to our skilled workmanship, advanced facilities, and heavy involvement in technology development. These advantages have enabled Hyundai Heavy to build the best ships economically and on schedule.

HHI's Shipbuilding Division will continue to build ships of exceptional quality and provide dedicated customer service while maintaining sound growth in the global maritime industry through our quality-oriented management.
As a leading shipbuilder, HHI has delivered more than 1,800 ships of over 165 million DWT to 274 shipowners from around the world.

ADVANCED FACILITIES

HHI’s Ulsan shipyard is equipped with the most advanced facilities, from fully automated steel-cutting lines to environmentally friendly painting shops. With a high level of automation and new production technologies ranging from off-line welding robots and indoor production of 40 m-long blocks to two-component proportioning system in painting, HHI offers a number of advantages—greater productivity gains, reduced building time, and, above all, superb ship quality. HHI is your ideal shipbuilding partner.
Hyundai Heavy Industries is an experienced naval shipbuilder. We have built a variety of modern sophisticated naval and auxiliary service vessels since 1975, when the Korean Ministry of National Defense chose HHI to design and build the Ulsan-class frigates. The Naval and Special Shipbuilding Division (NSSD) was entrusted with this special commission to build Korea’s first indigenous warships because of their specialized human resources and modern streamlined facilities.

As a licensed national defense industrial shipbuilding company and engineering consultant, NSSD has the advanced technology necessary to design and build reliable modern naval ships and auxiliary service vessels of various hulls. With round-the-clock intensive R&D activities, HHI is ready to provide clients with comprehensive services from initial feasibility studies for top-level requirements to integrated logistics support and lifetime after-sales service.
1976-1990
Starting from fabrication of small size offshore platforms, HHI’s Offshore & Engineering Division has grown to be an industry-leading, world class offshore facilities fabrication yard equipped with advanced yard facilities, skillful labor force, and efficient construction management systems. The yard has performed various offshore facility projects including conventional fixed platforms-offshore installation and submarine pipelaying.

1991-2012
The Offshore & Engineering Division has expanded and developed into a fully integrated Engineering, Procurement, Construction, Installation (EPCI) and project management contractor. We have already completed more than 170 projects including 100 EPCI projects for the oil & gas industry. The range of services covers FPSO, FPU, Semi-submersibles, Jack-ups, TLPs, Fixed platforms, Subsea pipelines, Marine terminals, and Land-based process facilities.

The Future
Backed by accumulated experience and technology developed through the successful execution of various types of EPCI projects, HHI’s Offshore & Engineering Division pursues further growth in the oil & gas industry as an indispensable partner. Our goal is to provide clients with a comprehensive, cost-effective solution to meet their integrated field development plans.
Since 1996 with two EPC contracts from Petrobras for the conversion of P-33 & P-35 FPSO, HHI has delivered 10 FPSO to clients, including the recent Goliat FPSO with a storage capacity of 2.0 million bbl of oil for Total and Kizomba FPSO project for ExxonMobil having a 2.2 million barrel capacity.
Demand for natural gas will steadily increase in line with the global trend for clean energy policies. The many planned oil & gas treatment facilities, which include LNG development projects, are opportunities for HHI to participate in projects such as land-based module fabrications. Taking into account HHI’s yard capacity and extensive experience in oil & gas platforms and FPSO projects, this presents a great business area expansion opportunity for HHI.

With qualified experts and well-equipped fabrication facilities, HHI successfully completed and delivered the Sakhalin-1 OPF (Onshore Processing Facility) for ENL (Exxon Neftegas Limited), which gave the contract award in March 2005. More recently, HHI was awarded the contract to fabricate Chevron’s Gorgon LNG Plant Module in Australia weighing over 198,675 tonnes.

Since 1982, HHI has delivered 10 semi-submersibles, including rigs and hull structures, to various international companies. HHI designs and executes a construction plan that allows semi-submersible rigs to be fabricated on the ground in HHI’s offshore fabrication yard instead of the traditional construction in drydocks. HHI successfully completed the semi-submersible drilling vessel, “Deepwater Nautilus” for R&B Falcon in 2002. In 2002, HHI completed Shell’s Na Kika Floating Production Unit. It is 92 m(L) x 81 m(W) x 70 m(H) and has a total weight of 31,247 tonnes with a 13,000 tonne topside and an 18,000 tonne hull. During the construction process, HHI was certified by Guinness World Records for mounting the 12,112 tonne topside on the hull of the FPU by lifting it 53m above the ground.

Derrick cum Lay Barge HD-2500
(2,500 S.Tonnes Lifting Capa./60’ Max O.D)
Derrick cum Lay Barge HD-60
(1,800 S.Tonnes Lifting Capa./60’ Max O.D)
Derrick Barge HD-1000
(1,000 S.Tonnes Lifting Capa.)
Semi-submersible Lay Barge HD-423
(750 S.Tonnes Lifting Capa./66’ Max O.D)
Shallow Draft Lay Barge HD-289
(Operation. Draft 3.7m/48” Max O.D)

Modern construction facilities and advanced technology enable HHI to provide any type of topside module, living quarters, and sub-structure for offshore fixed platforms on a turnkey basis.

HHI provides a variety of construction services for the installation of all types of offshore facilities, onshore facilities and subsea pipelines, using its own modern construction fleet with a wide range of equipment, and cutting-edge construction methods.

OFFSHORE FACILITY INSTALLATION

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LAND-BASED MODULE FABRICATION

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(Operation. Draft 3.7m/48” Max O.D)
HHI’s Industrial Plant & Engineering Division has 38 years of extensive experience in industrial plant projects. HHI provides sophisticated engineering capabilities for oil & gas plants, process plants, and power plants and carries out all phases of project implementation including engineering, procurement, fabrication, construction, test, commissioning, and training on a turn-key basis. The division’s core business activities are EPC of oil & gas production facilities, LNG liquefaction, refineries, petrochemical plants, thermal power plants, combined cycle power plants, cogeneration power plants, and process equipment. The division is an accredited EPC contractor for industrial plant projects and efficiently provides the best products and services. Hyundai means modern in Korean, and as a key member of the world’s most dynamic and progressive business group, we are ready to assist you in your future ventures.

Main Products
- Thermal Power Plants
- Combined Cycle Power Plants
- Co-generation Plants
- Oil & Gas Plants
- LNG Liquefaction
- Refineries
- Petrochemical Plants

One-Stop Solution
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PROCESS EQUIPMENT
We are concentrating our efforts on the development of specialised plant equipment for the heavy and chemical industries. We have a maintained highly qualified workforce and project management know-how accumulated through the execution of numerous projects, including ethylene plants, refineries, RFCC plant, EO/EQ plants, and BTX plants. We will continue to enhance our abilities to address the sophisticated requirements of our clients, while also building our reputation as a company with high-quality, high-performance products.

OIL & GAS PROCESSING PLANT
HHI is a well-respected experienced provider of a full range of EPC services for oil & gas processing facilities including oil transportation pipelines, onshore processing plants, oil & gas treatment facilities, liquefied natural gas (LNG) plants, and gas-to-liquids (GTL) plants.

LNG PLANT
We provide total engineering, procurement, fabrication, construction, commissioning, operating, and training solutions for a wide variety of LNG plants, LNG receiving terminals, and land storage tank farms. HHI is focused on becoming a key player in the LNG plants market. We are determined to establish a reputation as the No. 1 contractor for LNG terminals and related facilities based on our unparalleled expertise.

COVERING A WIDE RANGE OF INDUSTRIAL PLANT PROJECTS
HHI performs all aspects of industrial plant projects including engineering, procurement, and construction on a turnkey basis. Thanks to a market-proven track record, HHI has earned a reputation as a reliable contractor with highly skilled personnel, advanced technology, and a future and people-oriented business philosophy.

COMBINED CYCLE POWER PLANT
HHI has advanced technical knowledge and decades of experience in the turnkey construction of thermal power plants and co-generation plants. This has allowed us to become a reliable turnkey contractor for combined-cycle power plant.

THERMAL POWER PLANT
HHI performs the complete range of activities for thermal power plants ranging from feasibility studies, design & engineering, procurement, manufacturing of major equipment, supply, erection & construction, test & commissioning, and operation to maintenance & warranty service.

CO-GENERATION PLANT
HHI has built 23 co-generation plants in Korea and around the world. With our comprehensive engineering capabilities, HHI offers the most competitive and technologically advanced co-generation systems to clients around the world.

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REFINERY PLANT
HHI provides a full spectrum of services associated with construction, expansion and upgrade of various refineries and is uniquely configured to the specifics of raw materials on various refinery configurations in the international markets. Capabilities include CDU/VDU, Delayed Coking, Hydrocracking, Atmospheric Residue Desulfurization, and Fluid Catalytic Cracking.

PETROCHEMICAL PLANT
We have thorough experience in engineering, procurement, construction and commissioning of numerous types and configurations of petrochemical plants. The division is building its reputation based on the ability to provide in a timely manner sophisticated engineering, specialized equipment, and highly-skilled staff while delivering superior quality.

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The world’s leading engine builder, the Engine & Machinery Division has a 35% (≥50 Bore Engine) of the world’s diesel engines with casting, forging, advanced machining shop, assembly, and shop performance test facilities. HHI-EMD has played a pivotal role in improving our competitiveness by manufacturing propellers & shafts and supplying shipbuilding companies since it produced its first marine engine in 1979. In 2010, HHI achieved the unprecedented milestone of 100 million BHP in marine engines.
Since HHI successfully completed the 115 MW class diesel power plant in 1985, HHI has delivered 1,404 engines for diesel power plants to 146 sites in 36 countries. We have expanded our activities in the diesel power generation sector and are playing a leading role in the global power market.

HHI has completed diesel power plants throughout the world as a turnkey contractor, including a 200 MW diesel power plant in India, the world’s largest power plant using a diesel engine as its prime mover. Based on advanced technology accumulated through cutting-edge research & development, HHI offers the advanced HiMSEN 4-stroke medium-speed engines: H17/28(E,U), H21/32, H25/33(V), H32/40(V), and H46/60V for diesel power plants; H17/24G and H35/40GV for gas engine power plants. Using the HiMSEN engine and its creative power system engineering capabilities, HHI developed a containerized Packaged Power Station (PPS) designed for continuous operation under a baseload with HFO or DO. This power station is designed to provide continuous power in adverse conditions. Safety, lower emissions, reliability, lower O&M costs, and a considerably longer lifetime are the leading qualities of the PPS. The Hyundai HiMSEN 4-stroke medium-speed engine provides an efficient and reliable power system that promises years of trouble-free operation. Heavy-duty sound attenuated containers and simple layouts guarantee quiet and simple operation. These exceptional features, combined with HHI’s technical background and support, make the PPS the first choice for all power plant clients.
ROBOTS
As a pioneer in mechatronics, HHI provides high-quality and cost-effective robot & robotic systems in various industrial fields on a turnkey basis. HHI’s services include R&D, engineering, manufacturing, fabrication, project management, testing, commissioning, and after-sales services.

Robot Applications
Spot Welding
Arc Welding
Handling (ICO etc.)
Sealing
Palletizing
Assembly
Deburring
Painting

INDUSTRIAL & MARINE PUMPS EQUIPMENT
HHI’s major products consist of circulating water, boiler feed-water, feed-water boosters, condensate and seawater lift pumps for thermal and nuclear power plants, brine recycling, sea water intakes, brine blow down, distillate, tempering and public water pumps for desalination plants, cooking water and transfer pumps for petrochemical plants, drainage pumps for flood control, irrigation, intake service and boosting pumps for water supply projects, dry dock dewatering pumps, air & gas compressor and reduction gear.

System Applications
Press
Conveyor System
Strip Process Line

INDUSTRIAL MACHINERY SYSTEMS
Since 1983, HHI has supplied many innovative, high-quality presses, conveyor systems, and strip process lines with reliable service based on proven experience in engineering and manufacturing industrial machinery systems for the automobile and steel industry. We now look forward to the opportunity to work with you.

Hydraulic Machinery & Equipment
Pumps
- Thermal & Nuclear Power Plants
- Desalination Plants, Petrochemical Plants
- Flood Control, Irrigation & Water Supply Projects
- Hydroelectric, Gas & Liquid Pumping Systems, Submerged Cargo Pumping Systems
- Side Thrusters
- Azimuth Thrusters
- Ballast Water Treatment Systems
- Steam Turbines
- Gas Turbines
- Turbochargers
- Gas Compressors & Air Compressors
- Marine Gear Boxes
- HIMS E Water-jet Propulsion System

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Robot Applications
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Sealing
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Assembly
Deburring
Painting
HHI’s first goal, as a reliable and experienced electrical equipment manufacturer for the power transmission and distribution market, is to provide total and continuous client-based solutions. For three decades, HHI’s Electro Electric Systems Division has engaged in designing, engineering, manufacturing, and supplying electrical products such as transformers, gas insulated switchgear, switchgear, low & medium voltage circuit breakers, motors, generators, power electronics, instrumentation, and control systems in compliance with international standards and customer requirements.
EXTENSIVE RANGE OF HIGHLY EFFICIENT INDUSTRIAL AND POWER SYSTEMS

Covering a wide range of electrical equipment for both industrial and marine use, HHI has been a key contributor to the modernization of various industrial plants, power utilities, and transportation systems. Since its inception, the division has grown into a global leader in the electrical manufacturing industry by supplying reliable and high-quality products. In order to meet the specific needs of customers for package or turnkey projects, HHI can also build substations on a turnkey basis including efficient project management and field services. HHI’s Electro Electric Systems Division is fully capable of providing clients with quality products and excellent services for various electrical needs through the combination of advanced technology and state-of-the-art facilities for manufacturing and testing.
Year of Take-Off for Green Energy Division

The new Green Energy Divisions shall take a leading role as a growth engine for the future of HHI. Our wind power, solar power energy, and energy storage system businesses combined together will act as a propulsive force to position as a global Green Energy Leader.
From development to operation and maintenance, Hyundai Heavy Industries provides total solutions for wind power generation. With a variety of products and proven engineering capabilities, we are turning green-tech dreams into reality.

**WIND TURBINE ENERGY**

Production Range
1. HQ1650
   - Rated Power: 1,650 kW
   - Doubly Fed Induction Generator (DFIG)
2. HQ2000
   - Rated Power: 2,000 kW
   - Doubly Fed Induction Generator (DFIG)
3. HQ5500
   - Rated Power: 5,500 kW
   - Permanent Magnet Synchronous Generator (PMSG)

**SOLAR POWER ENERGY**

Today, renewable energy plays an important role in the energy balance. It must be aggressively developed both technologically and commercially if we want to realize meaningful environmental improvements. Solar power energy will take a major position in this field and is now rapidly growing in the global market. HHI will contribute to further development of photovoltaic technology and the growth of the market.

**Production Range**

<table>
<thead>
<tr>
<th>Model</th>
<th>Rated Power</th>
<th>Type</th>
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<tbody>
<tr>
<td>HQ1650</td>
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</tbody>
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Leading with Change & Innovation

Our Construction Equipment Division is widely recognized as an industry leader for its use of advanced ergonomic engineering and technology. Backed by highly advanced factory automation, a zero-tolerance quality control inspection system, and innovative engineering, the Construction Equipment Division offers a wide range of construction equipment to satisfy the demands of customers around the world. The Division started production in 1985, and now manufactures more than 155 models of heavy equipment including hydraulic excavators, wheel loaders, industrial lift trucks, as well as skid steer loaders. The Construction Equipment Division markets and supports its products through 530 distributors in 140 countries. The division also maintains nine global operation centers in the United States, Europe, India, and the Chinese cities Changzhou, Beijing, and Taian.
**WHEEL LOADERS**

The Construction Equipment Division manufactures wheel loaders ranging from 123 hp to 344 hp. All wheel loaders are powered by Cummins engines with ZF transmissions, and include standard z-bars, integrated tool carriers, and extended reach configurations. The central intelligence control system adopts selective digital and analogue signals to provide a self-diagnostic function and a machine history recording. Structural integrity is designed and tested with the Finite Element Method (FEM) to eliminate potential stress from various job applications and working conditions. In addition, the maximum weight limit for ROPS certification has been recalibrated and certified to provide greater safety.

**BACKHOE LOADER**

Our backhoe design is an inherently strong design, perfect for heavy duty applications. The boom allows good visibility into the trench when the operator is digging around buried obstructions such as water mains, sewer pipes or utility lines. Pilot controls improve operator control and precision when excavating. An optional extendible dipper significantly increases the machine's versatility.

**CUSTOMER-ORIENTED MANAGEMENT**

**HYDRAULIC EXCAVATORS**

Hyundai Construction Equipment released the 9-series Hyundai Robex excavators with distinctive new styling including significant structural and technical improvements. The complete range, including the improved hydraulic system, the Hi-mate System (Remote Management System) using GPS-satellite technology, and advanced cluster, has been conceived as a true global concept to meet the increasingly stringent international requirements for energy efficiency, safety, and environmental protection. These business solutions also include Hyundai's legendary values of durability and reliability.
SKID STEER LOADERS

The ROPS/ FOPS canopy is designed for the operator’s comfort, safety, and excellent visibility to maximize productivity. The wide entrance to the operator compartment, the handles, and the non-slip steps are provided for the operator’s convenience, and safety. Open-type canopy and a control valve on the upper position provide easy access to all pipes and relief valves for maintenance. Various attachments provide high productivity and easy operation.

FORKLIFT TRUCKS

Hyundai IC (Internal Combustion) and Electric Trucks provide superior performance, quality, and comfort. Safety, durability, and operator’s comfort level have been considered under various working conditions. Hyundai forklifts supply both pneumatic and cushion tires that provide high quality performance. Standard masts, two- and three-stage free lift masts, and a full range of optional masts are designed to use various attachments.

HYDRAULIC MACHINERY

HHI provides hydraulic equipment to various industrial fields, including construction, transportation equipment, and industrial plants such as roll-mills or marine plants. HHI will continue to develop and innovate the fluid power technology that is an important part of modern industry.
The Advanced Technology Institute (ATI) was founded in 2012 to upgrade the core technologies, and systems commonly required for HHI’s world-class products. The institute develops new technologies which will be essential for long-term growth. ATI’s typical advanced technologies are for comfort, safety and eco-friendliness which are essential to upgrade the quality of HHI’s products, and more importantly, to satisfy our clients. ATI is also developing core technologies for offshore structures and power plants. ATI’s scope includes offshore plants, offshore gas plants, power plants, seawater desalination plants, and engine emission protection systems.

The Industrial Technology Institute (ITI) was established in 1983 and plays a vital role in developing production technologies such as welding, casting, protective coatings and automatic manufacturing facilities. ITI possesses advanced analyzing equipment and powerful simulation facilities to develop new concepts in design and production technologies. ITI operates an internationally authorized material testing laboratory to ensure the quality of HHI’s products.
The Electro Electric Systems Research Institute (EESRI) was established in 1982. EESRI provides key technologies through cutting edge research to create a better future for our clients. We are always seeking new technological insights to transform into high-quality products and businesses. With a strong emphasis on electrical engineering and mechanical engineering, EESRI is engaged in a variety of R&D activities addressing technologies from fundamental to applied, and from theoretical to practical.

The Maritime Research Institute (MRI) was founded in 1984 to help HHI achieve its goals in the marine field. At present, MRI possesses first-class core technologies and helps upgrade the quality of HHI's world-class products. MRI's research fields include hydrodynamics, structural mechanics, and experiments for ships and offshore structures. In addition to the practical R&D activities for the shipbuilding division, MRI is developing new technologies and businesses to ensure the long-term growth of HHI.

The Engine & Machinery Research Institute was reorganized in April 2012 with a special mission to improve product development technologies. Main tasks are to enhance the performance and reliability of existing products, to develop next generation models and new products. Products include engines, industrial robots and fluid machinery. Integrated development systems and key element technologies for the products, from initial design to verification test, are dealt with for the optimum design considering user environments and development conditions.

Construction Equipment Research Institute (CERI) was established in 2012 to enhance creativity and innovation in developing construction equipment. In order to improve performance, reliability, productivity, and controllability of construction equipment, CERI focuses on virtual design for optimum system, development of main mechanical & electric components, and energy-saving control systems.

Frontier Technology Institute (FTI) was founded in 2012 to play a pioneering role in creating new growth engines for HHI. FTI's strategy is to explore, develop, and incubate promising technologies to launch as businesses. FTI's research currently covers a wide range of energy-related areas, medical robots, and enhanced industrial design.
In addition to focusing on company’s operational aspects, Hyundai Heavy Industries continuously seeks to dedicate itself to the community. We help to improve our neighborhoods and to provide a better living environment for those within our communities. HHI will continue to move forward as the leader in sustainable management by positively maintaining our community, and to strive for a sustainable future by accompanying social responsibility that is vital in creating a healthy community.
COMMUNITY RELATIONS

HHI is committed to improve the quality of life within its community. HHI helps members of the community to have better lives, and to share company’s economic success. HHI has built 18,000 apartments and 10 dormitories near the company as employee housing. Most of the long-term foreign residents are provided with housing at one of the two Hyundai Foreigners Compounds.

The Asan Nanum Foundation
Community Education
Sports
Ulsan Hyundai Football Club
Soccer Fields
Hyundai Sports Clubhouse
Ulsan-Hyundai Climathon

Neighborliness
Disaster Relief
Community Facilities
Hyundai Arts Center
Cultural Centers
Ulsan University Hospital
Hyundai Hotel (Ulsan & Gyeongju)
As South Korea’s first public organization to offer comprehensive support to domestic entrepreneurs, Asan Nanum Foundation has provided mentorship, educational programs, and financial support to promising start-up companies in their initial stages of development, which also led to new career opportunities.

GLOBAL INTERNSHIP
Asan Nanum Foundation has provided opportunities to young Korean leaders by supporting more than 1,000 youth annually for global on-site work experiences, including corporate environment and international organizations, to help them fulfill their career goals.

OVERSEAS VOLUNTEER
Asan Nanum Foundation sends more than 500 young Koreans as volunteers every year to developing countries in Africa and Southeast Asia to expand their horizons.

NPO ACADEMY
Asan Nanum Foundation operates NPO (Non-Profit Organization) Academy four times a year to discover talented and enthusiastic future NPO activists who can help create a healthier and a brighter community.

INDIRECT SUPPORT PROGRAM
Asan Nanum Foundation has been the leader in raising quality of life by developing human resources in vulnerable social classes and capabilities of local communities.

NANUM CULTURE EXPANSION
By managing and operating various volunteering organizations, Asan Nanum Foundation has provided kind and generous hands to every members of the community around us.
SPORTS

Ulsan Hyundai Football Club
The Ulsan Hyundai Football Club began in 1983. Based in Ulsan, the team won the Korean Football League (K-League) championship in 1996, and finished second in 2003. The club has produced many talented football players while inspiring Ulsanites and young supporters alike.

Soccer fields
HHI has built three soccer fields in the community. These fields are used as training fields by young players from all over the country. During the FIFA World Cup in 2002, they were used as training camps by the Brazilian, Spanish, and Turkish teams.

Hyundai Sports Clubhouse
Located next to Seobu Soccer Field, the clubhouse is equipped with various training facilities, a cafeteria, a sauna, a PC center, and 70 rooms for athletes. The clubhouse is open to all Ulsan residents. During the 2002 World Cup, it was used by the Spanish National Football Team as their main training camp.

Ulsan-Hyundai Climbathon
Every spring, Ulsan and HHI co-host the “Ulsan-Hyundai Climbathon”, a race covering 11.6 km through roads and mountain paths as high as 206 m. The first race was in 1999, and it now attracts more than 2500 runners annually from all over the nation. They come out to enjoy the fresh spring air, a scenic view of the sea, and HHI’s colossal shipyard.

COMMUNITY EDUCATION

In order to foster better educational opportunities in the community, HHI runs 10 schools, including Ulsan University. HHI also runs adult education schools for spouses of employees and senior citizens.
- 3 kindergartens, 2 middle, 3 high schools
- Ulsan College
- Ulsan University
- Adult educational schools for spouses of employees and senior citizens
Hyundai Arts Center
Winner of the Korean Architecture Award in 1998 for its aesthetically pleasing look, the Hyundai Arts Center provides members of the community with various art and musical performances from all over the world. It has a 963-seat concert hall, an art gallery, restaurants, and sports facilities that include a bowling alley, an ice rink, a gymnasium, and an indoor rock climbing wall.

Cultural Centers
HHI operates five Cultural Centers, offering 350 courses in culture, arts, and sports to more than 7,000 people. These centers also have swimming pools, fitness clubs, gymnasiums, restaurants and tennis courts.

Ulsan University Hospital
Ulsan University Hospital, equipped with state-of-the-art medical instruments, makes contributions to the regional community through medical studies and health care services. It is staffed by 149 doctors in 23 departments and has 720 beds.

Hyundai Hotel (Ulsan & Gyeongju)
Hyundai Hotel Gyeongju is perfect for anyone who is traveling to the old capital of Korea, where you can experience the traditions of the Shilla Dynasty. Hyundai Hotel Ulsan, located in front of HHI’s main gate, is ideal for a comfortable night of rest. Each hotel has over 250 rooms, convention halls, and recreational facilities.

DISASTER RELIEF
Hyundai Heavy Industries’ relief activities have expanded to all areas of the globe. HHI has provided construction equipment, manpower, and technical assistance to areas affected by natural disasters, including Turkey, Brazil, China, Japan, and Haiti. Additionally, HHI has also delivered relief goods including foods, shelter, and hygiene products to victims of natural disasters. Most recently, HHI has shipped a packaged power station to provide power for victims of the Japanese earthquake in 2011.

COMMUNITY FACILITIES
Hyundai Arts Center
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NEIGHBORLINESS
Since the establishment of Hyundai Shipyard in Dong-gu, Ulsan in 1972, Hyundai Heavy Industries has grown as the leader in its industry. Presently, HHI has systematized its contributions to communities and has also formed successful partnerships with various local organizations to foster interaction and improve communication. HHI continues to cherish friendship and value sharing throughout the year.

SOCIAL COMMITMENT
DEFINING GLOBAL LEADER
Since the establishment of Hyundai Shipyard in Dong-gu, Ulsan in 1972, Hyundai Heavy Industries has grown as the leader in its industry. Presently, HHI has systematized its contributions to communities and has also formed successful partnerships with various local organizations to foster interaction and improve communication. HHI continues to cherish friendship and value sharing throughout the year.
DNV

Design * Manufacture * Testing * Installation and Servicing of Photovoltaic Cell * Module * Inverter and Systems; Wind Turbines

Offshore & Onshore Fixed Platforms (Jacket, Modules, and Toppies) * Platforms (FPSO, TLP, FPS, and FPSO) * Submarine Pipeline Systems * Subsea * LPG Carriers * Complex Steel Building Structures, and Major Steel Bridges

Design * Manufacture, and Installation of Power and Heating Boilers * Pressure-Containing Equipment * Heat-Transfer Equipment * Desalination Plants * Cranes * Material Handling Equipment * Process Equipment for Iron and Steel Mills * Cement & Lime Plants with Commissioning * Steel Towers, & Tubular Poles

Construction of Class 1, 2, 3, & MC Vessels: Class 2 & 3 Storage Tanks, Class 1, 2, 3, CS, & MC Shop Assembly * Class 1, 2, 3, CS, & MC Fabrication * Manufacture of Pressure Vessels * Fabrication and Assembly of Pressure Piping * Heating Boilers other than Cast Iron * Assembly of Power Boilers and Repairs or Alterations

Transformers * Gas Insulated Switchgear * Switchgear * Low & Medium Voltage Circuit Breakers * Motors & Generators * Instrumentation & Control Systems * Power Electronics * Electrical Marine Equipment * Locomotive Purpose Equipment * Explosion-Proof Motors

Excavators * Wheel Loaders * Fork Lifts * Skid Steer Loaders * Mini-Excavators * Hydraulic Truck Cranes * Dozers * & Hydraulic Cylinders

CARDS

DNV (ISO9001)

DNV (ISO9001)

DNV (ISO9001)

KEPIC

DNV (ISO9001)

DNV (ISO9001)

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Hyundai Mipo Dockyard

Hyundai Mipo Dockyard is the leading shipbuilder of medium-size ships and the fourth largest shipbuilder in the world. Since entering the newbuilding market in 1996, HMD has delivered more than 680 ships that include Product/Chemical Tankers, Containerships, Bulk Carriers, LPG Carriers, PCTCs, Drillships, Cable Layers, Pipe Layers, FPSO, Car Ferries and Passenger Ships. HMD has achieved global recognition for its medium-range Product/Chemical Tankers and sub-parasax Carriers with optimized specifications and high quality. HMD’s vision is to be the most reliable shipyard with a customer-oriented mindset and to deliver high quality vessels on time, providing both value and satisfaction for global clients.

President & CEO

Choe Weon-gil

Year Established : 1975  Business Line : Shipbuilding
Products : Chemical Tankers * Containerships * LPG Carriers * Pure Car & Truck Carriers (PCTC) * Ro-Ro vessels (including Con-Ro vessels) * Platform Supply Vessels * Open-Batch Bulk Carriers * Bulk Carriers * Drillships * Car Ferry & Passenger Ship *
Other specialized vessels (FPSO and Cable & Pipe Laying, etc.)

Headquarters : 100 Bangneujusunwan-dori, Dong-gu, Ulsan 682-712, Korea
Tel : +82-52-250-3038  URL : www.hmd.co.kr  e-mail : sales@hmd.co.kr
Subsidiary : Hyundai-VinaShin Shipyards Co., Ltd. (HVS)  Tel : +84-38-162-2101

Hyundai Samho Heavy Industries

Hyundai Samho Heavy Industries is a shipbuilding company with state-of-the-art facilities for shipbuilding and industrial Plants & Cranes. HSHI, having two decades of technological and shipbuilding experience, boasts a record of delivering more than 500 vessels of various types. The Industrial Plant & Crane Division manufactures and delivers more than 20 cranes a year, including bulk handling systems and industrial plants. As a member of the HHI Group since May 2002, HSHI stands ready to provide high quality products to clients.

President & CEO

Ha Gyung-jin

Year Established : 1999  Business Line : Shipbuilding, Industrial Plant & Crane
Products : Containerships * Tankers * Bulk Carriers * Gas Carriers * Pure Car & Truck Carriers * FPSO * Drillships * Semi Submerged Drilling Rig * Cranes * Bulk Handling System * Industrial Plants.

Headquarters : 1700, Yongdang-eji, Samho-eup, Yeongam-gun, Jeollanam-do, Korea
Tel : +82-61-460-4118  URL : www.hshi.co.kr  e-mail : marketing@hshi.co.kr
Hyundai Heavy Industries (HHI) had its groundbreaking ceremony in March 1972. HHI spreads across 2,450 on-site visitors. By 2001, HHI has built and delivered almost every kind of ship to clients worldwide. Backed by technology and experience acquired through shipbuilding as well as streamlined modern facilities and a highly skilled workforce, HHI has diversified its business activities from shipbuilding into other heavy industrial fields. In the world’s biggest shipyard, HHI operates various business lines: Shipbuilding, Offshore & Engineering, Industrial Plant & Engineering, Engine & Machinery, Electro Electric Systems, Green Energy, and Construction Equipment.

**ORGANIZATION & HISTORY**

Hyundai Heavy Industries (HHI) had its groundbreaking ceremony in March 1972. HHI spreads across 2,450 on-site visitors. By 2001, HHI has built and delivered almost every kind of ship to clients worldwide. Backed by technology and experience acquired through shipbuilding as well as streamlined modern facilities and a highly skilled workforce, HHI has diversified its business activities from shipbuilding into other heavy industrial fields. In the world’s biggest shipyard, HHI operates various business lines: Shipbuilding, Offshore & Engineering, Industrial Plant & Engineering, Engine & Machinery, Electro Electric Systems, Green Energy, and Construction Equipment.

**1970s**
- 1970.12: Contract for two 240,000 DWT supertankers from Greece Lines.
- 1972.01: Construction of a powerful marine diesel engine selected as a "World-class Product".
- 1974.06: Completion of shipyard and naming of the first two supertankers.
- 1978.02: Renamed HHI.

**1980s**
- 1984.12: Delivery of the world's biggest on-cargo (365,000 DWT/Berge Stahl).
- 1985.01: On-ground building method of large offshore structure using multi-purpose double barge.
- 1985.03: World's largest FPSO vessel built (Korean CMOM/32,000 t). (Greece CMM/82,000m³)
- 1986.12: Launching of world’s largest (106.3 tonnes) synchronous marine generator.
- 1987.01: Award for the fifth consecutive year by World-class award.
- 1988.04: Construction contract for OSTT project sailed out (Rong Doi, Vietnam)
- 1988.10: Completed world's first on-ground building of large offshore platform (23,600 Tonnes).
- 1989.05: Delivery of the world's biggest jacket (84,000 tons) to Exxon.
- 1989.09: Development of the world's largest 260 MW diesel power plant ordered from Malaysia.

**2000s**
- 2000.03: Construction of a world record of over 10 million bhp in marine engines.
- 2000.09: Launch of first four-stroke medium-speed diesel engine for South Korea's next-generation submarines.
- 2001.02: Delivery of the world's largest FPSO (345,000 DWT/Exxon Mobil).
- 2001.05: Launching of world’s largest (93,000 bhp).
- 2001.10: Selected as the main contractor for South Korea’s next-generation submarines.
- 2002.01: Delivery of the world’s largest FPSO (345,000 DWT/Foxon Mobil).
- 2002.04: Synchronized marine generator, four-stroke medium-speed diesel engine selected as a "World-class Product.
- 2002.06: Delivery of first R&D-FAC ship (Hana Botanicals).
- 2002.08: On-ground construction of 340,000 DWT FSO.
- 2002.10: On-ground assembly of FPSO (Floating Production Unit) in Garamsara world record for on-ground super lift of 12,000 for ten-time KPA FPSO.
- 2003.01: World's largest FPSO vessel built (Korean CMOM/32,000 t).
- 2003.02: World's largest LNG Carrier (216,000 m³/ Al Gattara).
- 2003.03: World’s largest LPG vessel built. (Korean CMOM/20,000 t).
- 2003.04: Launching of world’s largest onshore diesel engine.
- 2003.05: World’s first automatic plasma welding machine developed.
- 2003.08: World’s largest 260 MW diesel power plant ordered from Malaysia.
- 2003.10: Launched world’s largest next-generation destroyer (Korean CMOM/32,000 t).
- 2004.01: Delivery of world’s largest LNG Carrier.
- 2004.03: Development of world’s largest FPSO (345,000 DWT/Foxon Mobil).
- 2004.04: Delivery of the world’s largest (106.3 tonnes) propulsion produced.
- 2004.05: World’s largest 260 MW diesel power plant ordered from Malaysia.
- 2004.06: Development of world’s largest 260 MW diesel power plant.
- 2005.02: World’s largest 260 MW diesel power plant.
- 2005.03: World’s largest 260 MW diesel power plant.
- 2005.05: World’s largest 260 MW diesel power plant.
- 2005.06: World’s largest 260 MW diesel power plant.
- 2006.06: Built 1,800-ton class submarine, ‘ROKS San Wonil’.
- 2006.08: Korea’s first overseas oil development project sailed out (Yong Do, Vietnam).
- 2006.09: Recognized Korea’s Top-class Enterprise Award for the Fourth consecutive year.
- 2007.05: Production of the world’s most powerful marine diesel engine (118,000 bhp).
- 2009.01: Recognized Korea’s Top-class Enterprise Award for the Fifth consecutive year.
- 2010.03: Completion of Kawasaki Shipyard and Wind Turbine Factory.
- 2010.05: Recognized USD 400 million Transformer Order (125 kV in USA).
- 2010.08: World’s largest onshore diesel engine.
- 2010.09: Production Milestone of 100 million bhp in marine engines.
- 2010.10: Hyundai Heavy builds South Korea’s largest Solar Cell Plant.
- 2011.01: Established Green Energy Division.
- 2011.02: Hyundai Heavy builds 5,000 th HARWIN Engine.
- 2011.03: Completed world’s first on-ground building of large offshore platform (23,600 Tonnes).
- 2011.05: Construction of the world’s largest onshore diesel engine.
- 2011.06: Construction of the world’s largest onshore diesel engine.
- 2011.07: Construction of the world’s largest onshore diesel engine.
- 2011.08: Construction of the world’s largest onshore diesel engine.
- 2011.09: Construction of the world’s largest onshore diesel engine.
- 2011.10: Construction of the world’s largest onshore diesel engine.
- 2011.11: World’s largest offshore platform (2,200,000 tons).
- 2011.12: Built world’s largest offshore platform (2,200,000 tons).
- 2012.03: Achieved 100 million Gross Tonnage in Ships.
- 2012.07: Produced 1,000 th Packaged Power Plant.