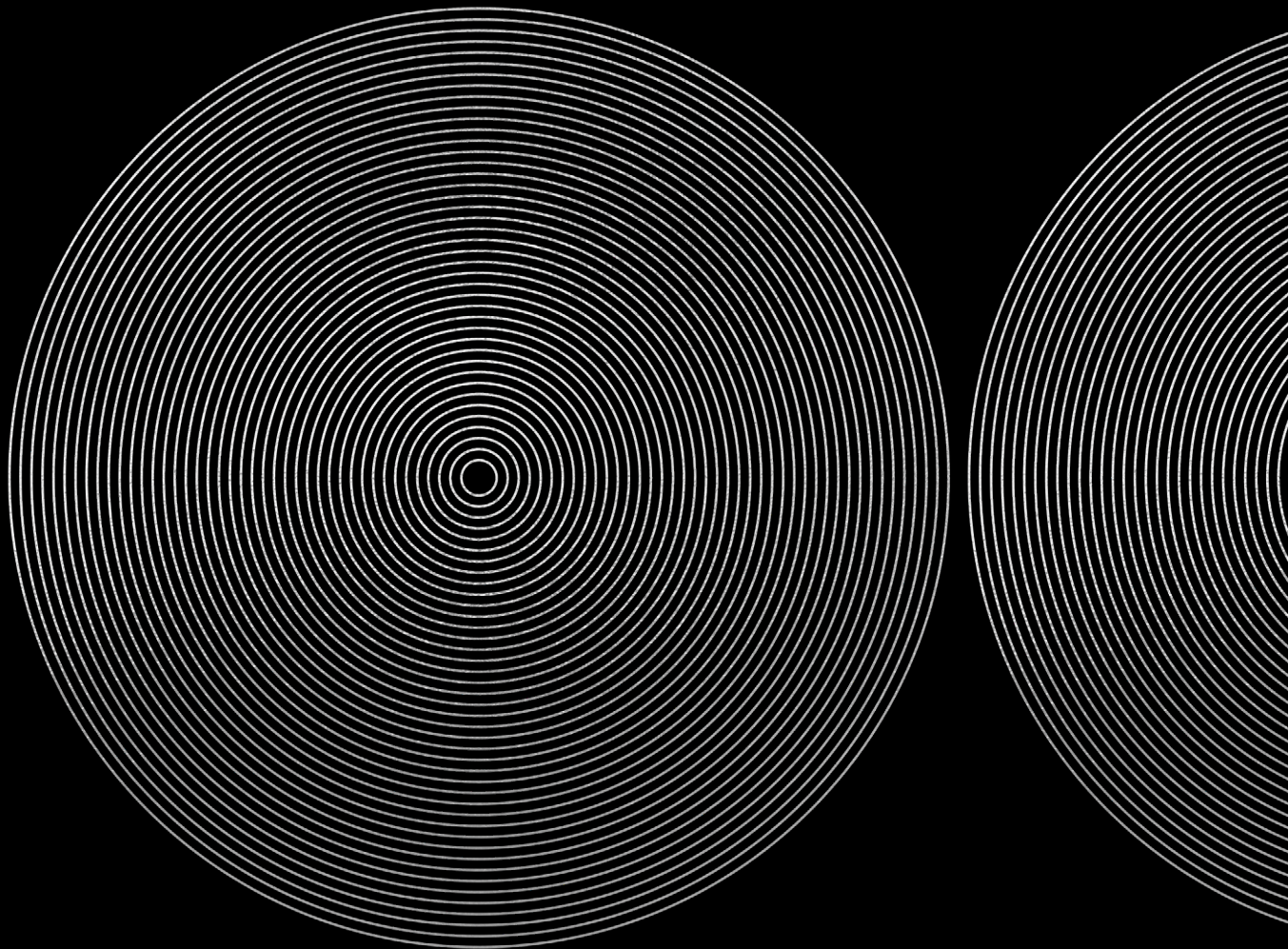


HYUNDAI BNG STEEL COMPANY BROCHURE

THE FIRST STEP TO THE HIGH END



HYUNDAI
BNGSTEEL

Look around you

Just like air, stainless steel is everywhere around you.

Stainless steel is the beginning of innovative technology,
making the products around you into high-end products,
including top-framing of skyscrapers, electronic
cutlery, food T equipment.

The beginning of innovation Hyundai BNG Steel

THE FIRST STEP TO THE HIGH END

Look
around
you

Just like air, stainless steel is everywhere around you.
Stainless steel is the beginning of innovative technology,
making the products around you into high-end products,
including eco-friendly cars, signature electronics,
and cutting-edge IT equipment.

The beginning of innovation Hyundai BNG Steel
[THE FIRST STEP TO THE HIGH END](#)

A leader in cold rolled stainless steel, Hyundai BNG Steel

Hyundai BNG Steel began in 1966 with the unveiling of Korea's “cold rolled stainless steel.” Starting with the production of Korea's first cold rolled stainless steel, Hyundai BNG Steel now produces bright annealing (BA), embossed plates, and even 0.01 mm ultra-thin stainless steel. Hyundai BNG Steel has 50 years of accumulated technology and knowledge and is the most trusted cold rolled stainless steel producer in South Korea.

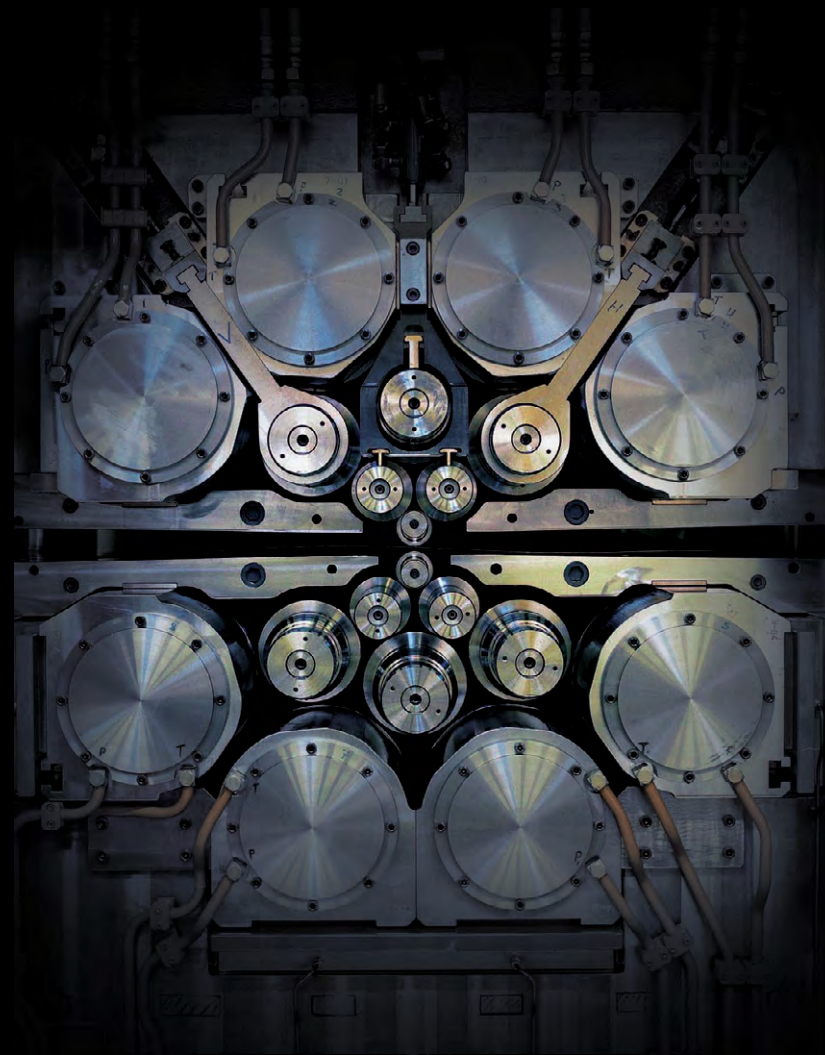
TRUST



A leader in cold rolled stainless steel, Hyundai BNG Steel

Hyundai BNG Steel began in 1966 with the unveiling of Korea's first cold rolled stainless steel mill. Starting with the production of Korea's first cold rolled stainless steel, Hyundai BNG Steel has 50 years of accumulated technology and experience as a cold rolled stainless steel producer in South Korea.

TRUST



Quality and technological systems become the best in the world with an early beginning.



Diverse products in high demand with the best quality

The production of diverse products comes from our capabilities and technologies. Hyundai BNG Steel has the technology and system to meet the diverse requirements of our customers, from steel grade to thickness, width, and surface. We provide the most trusted quality for all products in demand by the customers, including general products such as 304 2B, high-gloss bright annealing products, ultra-thin products, and products with a surface finish.

VARIETY



Diverse products in h demand with the bes

VARIETY

The production of diverse products comes from our capability
Hyundai BNG Steel has the technology and system to meet the
requirements of our customers, from steel grade to thickness.
We provide the most trusted quality for all products in demand,
including general products such as 304 2B, high-gloss bright
ultra-thin products, and products with a surface finish.

Hyundai BNG Steel
possesses unique knowhow
& technology to make
various products.

Ultra-high precision and ultra-thin steel through accumulated knowledge

Hyundai BNG Steel has been producing ultra-thin precision steel since the launch of the precision steel factory in 2010 and retains the technology to produce ultra-high precision steel plates down to a thickness of 10 μm.

Hyundai BNG Steel's ultra-high precision and ultra-thin products are used in cutting-edge IT equipment such as semiconductors, smartphones, and OLED, and are also used as an eco-friendly vehicle material in hydrogen fuel cell separation plates.

PRECISION



Ultra-high precision a through accumulated

Hyundai BNG Steel has been producing ultra-thin precision s
precision steel factory in 2010 and retains the technology to
plates down to a thickness of 10 μm.
Hyundai BNG Steel's ultra-high precision and ultra-thin prod
equipment such as semiconductors, smartphones, and OLED
friendly vehicle material in hydrogen fuel cell separation plate

PRECISION



Ultra-high precision and
ultra-thin plates become the
driving force for a new generation.

Global top-tier unique surface products

Hyundai BNG Steel possesses the world's best surface production capacity using various equipment and high levels of accumulated knowledge.

Based on the bright annealing (BA) technology, we not only create high-quality BA surface products but also use roll processing technology to create various surface embossing products, and use polishing technology to supply products used for premium electronic appliances.

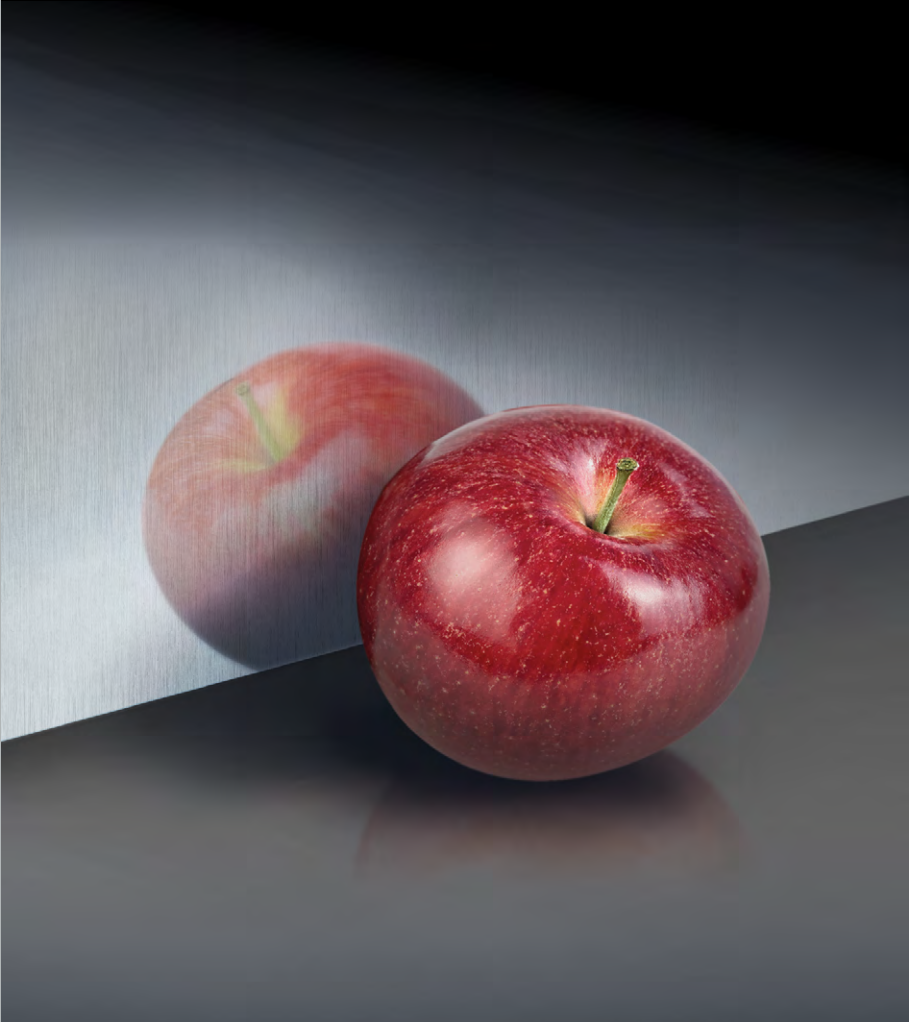
OUTSTANDING



Global top-tier unique surface products

Hyundai BNG Steel possesses the world's best surface products with various equipment and high levels of accumulated knowledge. Based on the bright annealing (BA) technology, we not only produce BA surface products but also use roll processing technology to produce surface embossing products, and use polishing technology to produce products used for premium electronic appliances.

OUTSTANDING



Hyundai BNG Steel produces high-quality surfaces with the pride of being the best in the world.



Materials that create premium products for customers

To create premium appliances, the materials must be unique.

Hyundai BNG Steel supplies materials that increase the value and competitive edge of our customers' products to produce premium value.

The combination of our customers' technology and Hyundai BNG Steel's materials creates the premium products that are preferred by consumers.

PREMIUM



Materials that create p products for custome

To create premium appliances, the materials must be unique.
Hyundai BNG Steel supplies materials that increase the value
edge of our customers' products to produce premium value.
The combination of our customers' technology and Hyundai
materials creates the premium products that are preferred by



PREMIUM

Combine Hyundai BNG Steel
to create premium products.



Leading the future of the mobility generation as a member of the Hyundai Motor Group

As a member of the Hyundai Motor Group, Hyundai BNG Steel supplies not only the hydrogen fuel cell separator plate, a key component of the hydrogen fuel cell car, but also various vehicle materials including exhaust, molding, gasket, engine block sand core, and more. We will continue to focus on developing materials for eco-friendly vehicles with the Hyundai Motor Group and lead the new future mobility generation together.

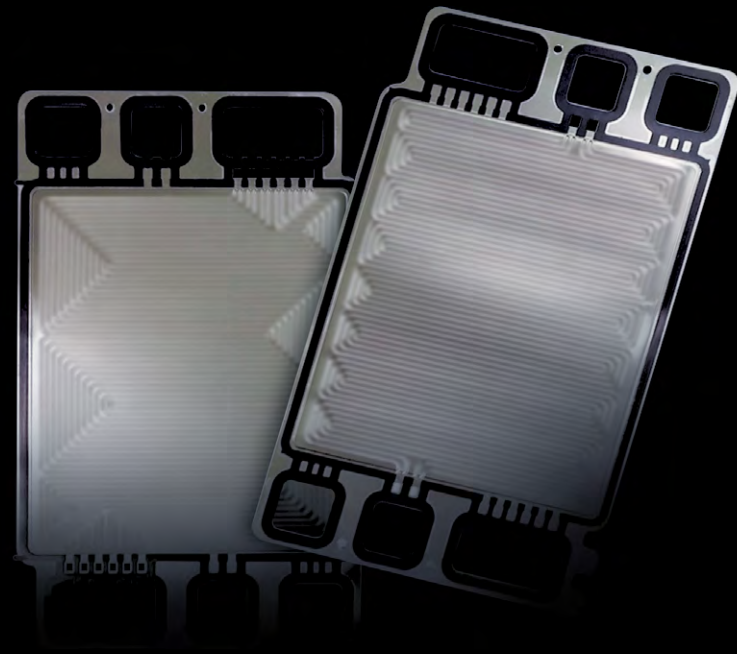
MOBILITY



Leading the future of as a member of the H

As a member of the Hyundai Motor Group, Hyundai BNG Steel supplies not only the hydrogen fuel cell separator plate, a key component of the hydrogen fuel cell car, but also various vehicle materials including exhaust, molding, gasket, engine block seal and more. We will continue to focus on developing materials for friendly vehicles with the Hyundai Motor Group and lead the future mobility generation together.

MOBILITY



Leading a better future mobility generation
by always taking on new challenges.



ABOUT

HYUNDAI ***BNG***STEEL

Company Introduction

HISTORY

Hyundai BNG Steel was established in 1966 to lay the groundwork for the industrialization of special steels in Korea, and it has been playing a critical role in advancing the national vehicle, construction, IT, and household appliance industries.

1900'S

1966

Apr. Established Samyang Special Steel Co.

1971

Nov. Constructed Ulsan Plant, Korea's first stainless steel plate plant

1975

Oct. Changed name to Korea Special Steel Co., Ltd. (KISCO)

1980

Dec. Awarded USD 100 Million Export Tower award

1982

Jun. Changed name to SAMMI Specialty Steel Co.

1987

Mar. Registered initial public offering

1994

Dec. Constructed ultra-thin stainless steel plant

1997

Feb. Special steel and pipe divisions from Changwon Plant sold to POSCO



Constuction site of Changwon Plant



View of Korea Special Steel Co.



View of SAMMI Specialty Steel Changwon Main Office



Construction of new continuous rolling mill plant



Resarching in Central Research Institute

Completed construction of 3BA Tower



Completed construction of Precision Steel Plant



Changed company name to Hyundai BNG Steel



50-Year Commemoration Ceremony



Completed construction of Dangjin Plant



2000'S

2001

Apr. Incorporated as member of the Hyundai Motor Group

2002

Apr. Changed name to BNG Steel Co.
Nov. Obtained ISO 9001 certification

2006

Jun. Constructed new facilities (5ZM & 3BA)

2010

Jan. Constructed Precision Steel Plant

2011

Mar. Changed name to Hyundai BNG Steel Co., Ltd.

2012

Sep. Took over Hyundai Wia Gwangju Plant 2 (Previously Gwangju Plant)

2013

Jul. Opened Southern Sales Office

2019

Sep. Constructed Dangjin Plant
Dec. Took over Songak Plant

2022

Feb. Integrated stainless steel business with Hyundai Steel

BUSINESS AND FACTORY



2021 KEY INDEX

293,000 Tons
STS Sales

KRW 850 billion
Sales

490
Employees

Changwon Plant: STS cold rolled steel plate



300,000
Tons / year

The Changwon Plant completed construction in December 1977 and contributed to developing the Korean economy by supplying key materials to the national heavy and chemical industries, ranging from vehicles and precision machines to petrochemical plants.

Area

- Plant Area 194,278 m²
- Main Office Area 14,317 m²

Equipment

- Coil build up (one unit): CB
- Heat treatment (four units): AP, 1BA, 2BA, 3BA
- Coil grinding (two units): 1CG, 2CG
- Finishing: SKP, TL, 2SL, 3SS, RC
- Cold rolling (four units): 2ZM, 3ZM, CRM, 5ZM

BUSINESS AND FACTORY

Changwon Plant: STS precision steel



12,000 Tons / Year

The Precision Steel Plant in the Changwon Plant produces ultra-thin products integrated with Hyundai BNG Steel's unique technology to generally supply highly functional precision materials to customers.

Equipment

- Cold rolling (1 Unit): UTM
- Heat treatment (3 Units): UBA, UTA, UDG
- Finishing: UTL, USL1, USL2

Gwangju Plant: Vehicle parts (Engine block sand core)



530,000 Tons / Year

Hyundai BNG Steel took over the Gwangju Plant, which has had the ability to produce precise sand cast parts ever since it was part of Hyundai Wia, in order to prepare a base to become a global vehicle parts supplier.

Equipment

- 38 Molding facilities
- 6 Drying facilities

Songak Plant: STS surface finishing product



31,000 Tons / Year

The Songak Plant was acquired in December 2019. As a plant that specializes in surface finishing, it uses specialty technology for production of various surfaces to be supplied for premium appliances.

Equipment

- Surface grinder (2 Units): 1CPL, 2CPL
- Finishing (1 Unit): SL

Dangjin Plant: Vehicle parts (Engine block sand core)



250,000 Tons / Year

The Dangjin Plant is Korea's first eco-friendly engine block core plant that uses inorganic binders to inhibit foul odors and pollution. The plant is implementing smart factory functions with an automated system from production to delivery.

Equipment

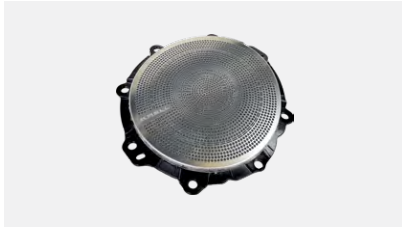
- 3 Sets of rotary reclaimers
- 8 Molding machines
- 3 Sand plants (Mixer)
- 18 Robots, etc.

MAJOR APPLICATIONS

Vehicle and rail materials



Vehicle exhaust (muffler)



Vehicle speaker grills



Engine gaskets

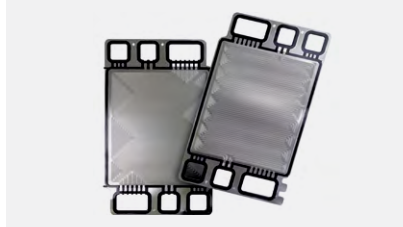


Vehicle molding materials



Railcar frames

Producer: Sung-Ju M.I



Fuel cell Separator

Appliance materials



Refrigerator doors



Dishwashers



Dryers and washer drums

Household and kitchen materials



Boiler heat exchangers



Kitchen range hoods



Tableware



Sink basins

Industrial and construction materials



Elevators



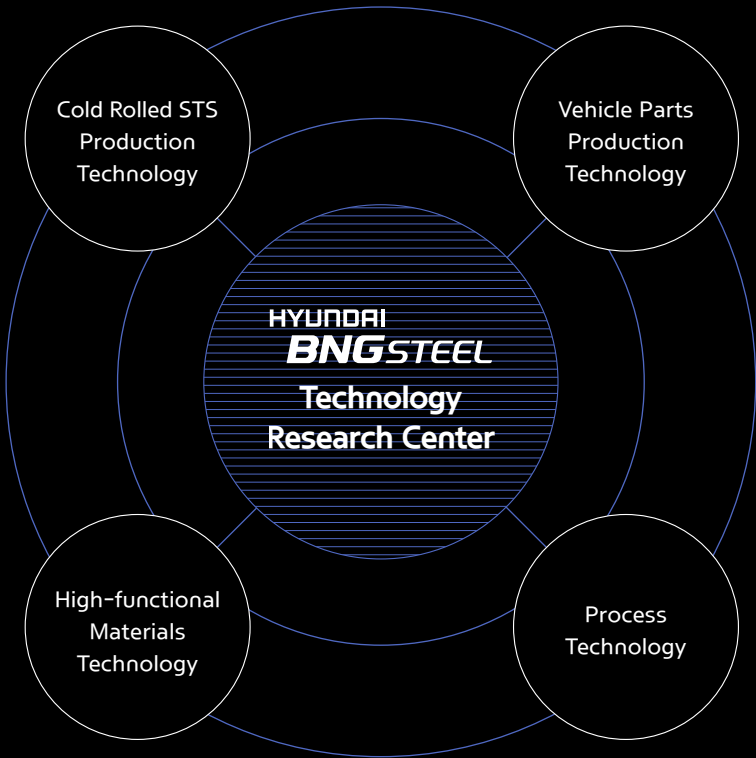
Heat exchangers



Water tanks

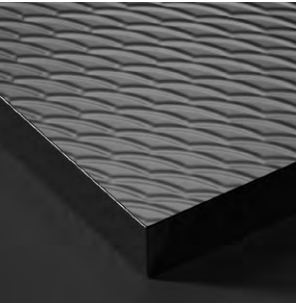
RESEARCH & DEVELOPMENT

Hyundai BNG Steel conducts various R&D activities to secure the power for future growth.

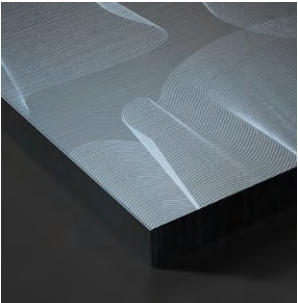


Surface Design Research and Development

Hyundai BNG Steel tailors to the creation of premium appliances and internal and external construction timber materials and develops new surface designs to increase our competitive edge for customers.



Soft Jacket
Patent 30-2021-0054817



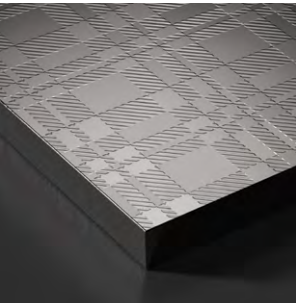
Spring Ocean Breeze
Patent 30-2021-0054818



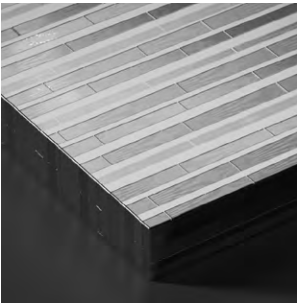
Rainy Focus
Patent 30-2021-0054819



A tree hardships
Patent 30-2021-0054820



Cross Over
Patent 30-2021-0054821



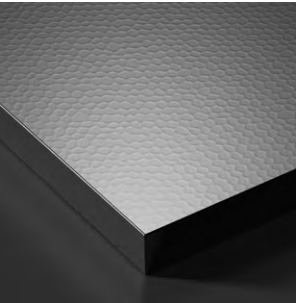
Rest
Patent 30-2021-0054822



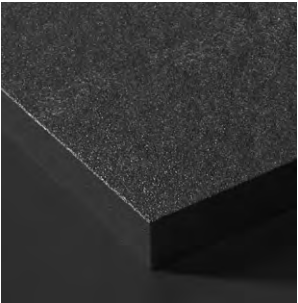
Indian Village
Patent 30-2021-0054823



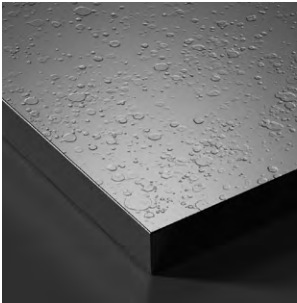
Laputa : Castle In The Sky
Patent 30-2021-0054824



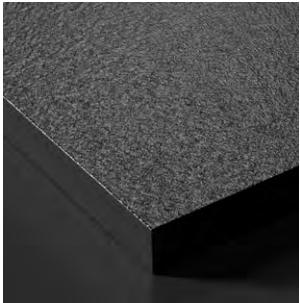
Forging Iron
Patent 30-2021-0054825



Whitehaven Beach
Patent 30-2021-0054826



Crator
Patent 30-2021-0054827



Soft roughness
Patent 30-2021-0054828

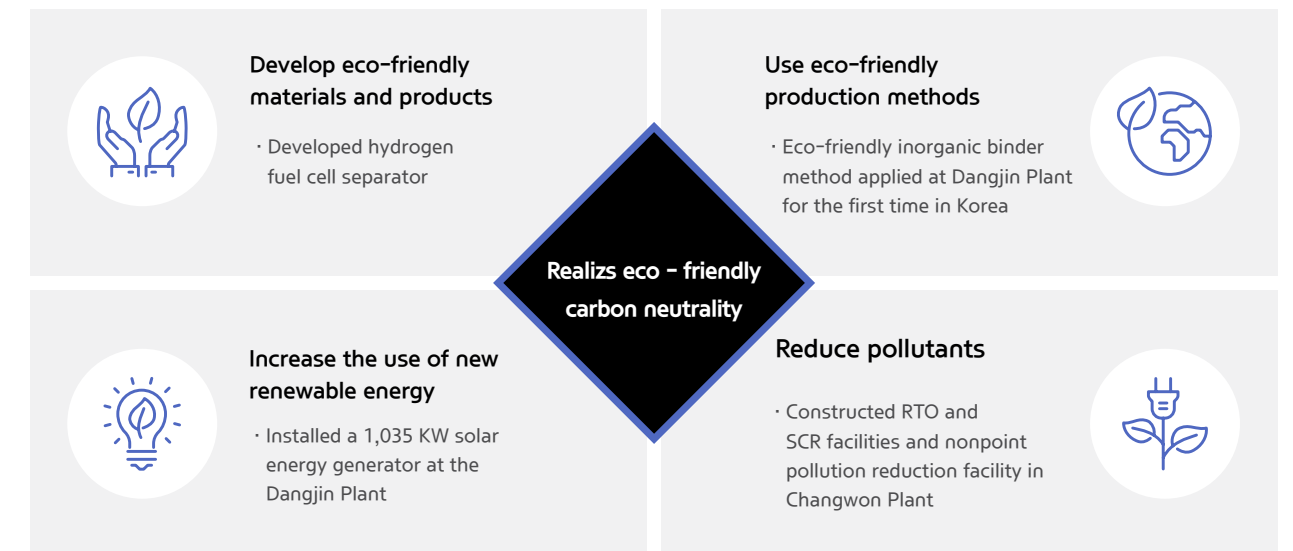
ENVIRONMENTAL, SOCIAL, GOVERNANCE

ESG Management

Hyundai BNG Steel is a member of society that fulfills its social responsibilities and conducts various activities to create a sustainable future.



Environmental



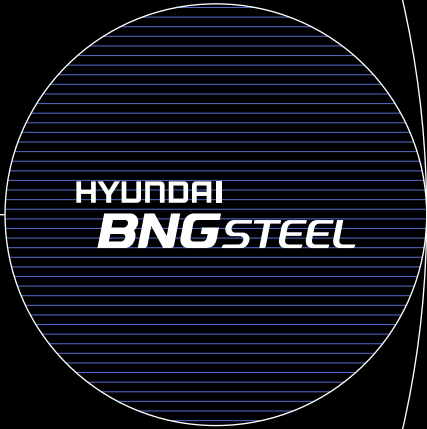
Social



HYUNDAI MOTOR GROUP

Group Introduction

HYUNDAI
MOTOR GROUP



FUTURE BY HYUNDAI

Creating a better future by always taking on new challenges.

Hyundai BNG Steel works together as a member of the Hyundai Motor Group.

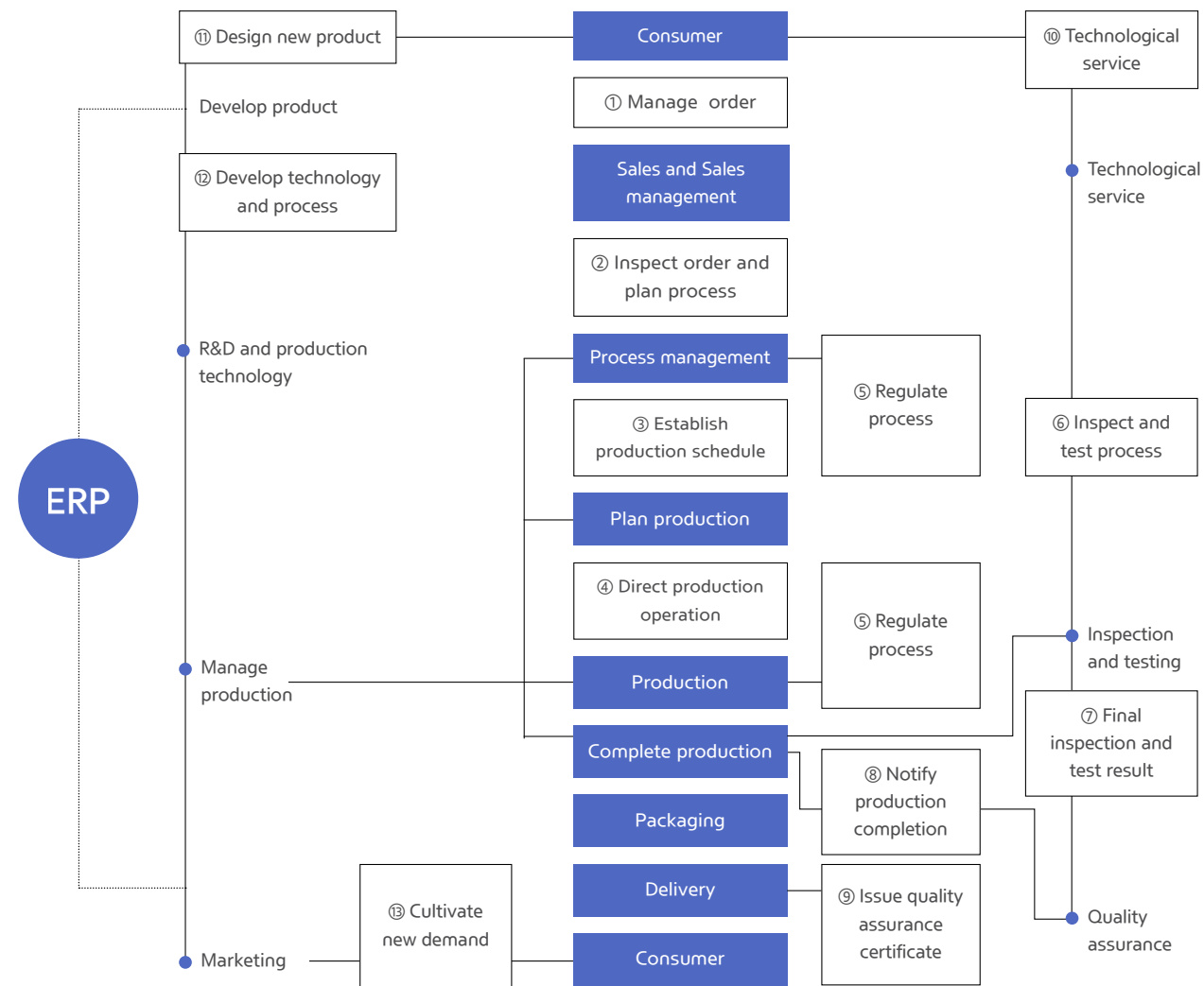
Key Affiliated Companies



QUALITY ASSURANCE / CS

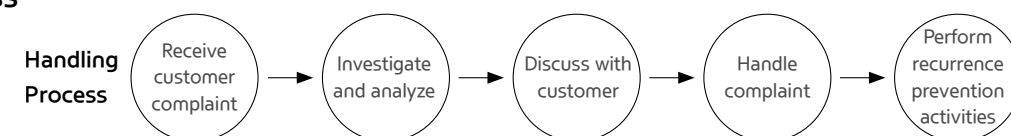
Quality Assurance System

Quality is thoroughly managed through efficient, superior plant management technology, and the latest testing equipment.

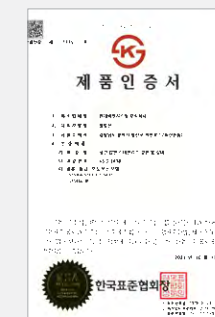


Customer Complaint Handling Process

A dedicated team is created to quickly respond to customers.



QUALITY CERTIFICATE



Korean Industrial Standards (KS)



ISO 9001 (Quality)



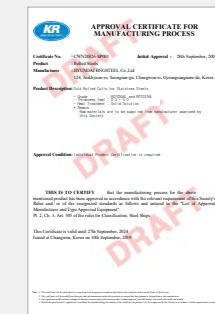
ISO 14001 (Environment)



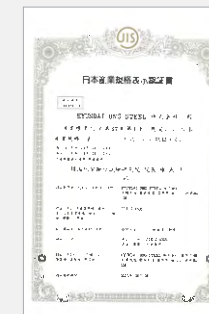
ISO 45001 (Occupational health and safety)



Pressure Vessel Material Specification



Certification of Korean Classification of Ship Materials



Japanese Industrial Standards (JIS)



German Certificate of Conformity for Construction Materials



Bureau of Indian Standards BIS IS 6911



Korea Occupational Safety & Health Agency KOSHA 18001

Verify authentication certificate at the Hyundai BNG Steel homepage ▶



PURCHASE INQUIRY

The characteristics of steel plate products can be maximized using the most optimal steel and material properties depending on the selected environment and processing conditions.

1. Order Checklist

- Steel Grade: Standard
- Applicable Standards: KS, JIS, AISI, ASTM, DIN EN, TUV, etc.
- Purpose: Work process and detailed material usage environment
- Product Form: Steel coil and sheet
- Product Standard: Thickness, width, length
- Requested Characteristics: Components, properties, tolerance, etc.
- Supply Conditions: Protective plastic surface, packaging unit, packaging method
- QA Items
- Delivery method and destination

2. Sales and Technology Inquiry

	Category	Phone Number	FAX Number
Materials Sales Team	Vehicle & Railroad, Vehicle Materials	82-2-3467-0023	82-2-563-1292
Korea Sales Team 1	Korea Distribution	82-2-3467-0025	82-2-563-1292
Korea Sales Team 2	Korea Distribution, Actual Demand	82-2-3467-0019	82-2-563-1292
Precision Sales Team	Precision and High-functional Steel	82-2-3467-0044	82-2-563-1292
Overseas Sales Team	Overseas Distribution	82-2-3467-0093	82-2-563-1292
CS Team	Technological Support and Complaint Processing	82-2-3467-0066	82-2-563-1292
Southern Sales Office	Southern Distribution, Actual Demand	82-51-313-4080	82-51-313-4081
Sales Planning Team	Raw Material (Hot Rolled) Purchasing	82-2-3467-0033	82-2-563-1292



Please refer to the product brochure for the details on the products.

Changwon Main Office and Plant: 124, Jeokhyeon-ro,
Seongsan-gu, Changwon-si, Gyeongsangnam-do, Korea (51707)

Tel 82-55-268-4114 FAX 82-55-268-4134

Seoul Office: 5F & 6F, 512, Teheran-ro (Shinan Building),
Gangnam-gu, Seoul, Korea (06179)

Tel : 82-2-3467-0072 FAX : 82-2-563-1292