

# World Steel Developer



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# Leading Growth

Dongkuk Steel, making a new history of steel with incessant innovation and spirit of challenge.  
We are now advancing mightily as a 'global steel maker' in the midst of the world.

## Dongkuk steel's first



**1965**  
Operated blast furnace in Korea



**1967**  
Manufactured cold rolled steel in Korea



**1971**  
Manufactured steel plate in Korea



**1986**  
Manufactured electro galvanized steel in Korea



**1993**  
Introduced direct current electric arc furnace in Korea



**2010**  
Introduced eco-arc furnace in Korea



# Still with Steel

We influence Korea's steel industry with continuous patience.

## Newly write the history of steel with a unique spirit of challenge

In 1954, when it was the time to rebuild the frame of this land, Dongkuk Steel established a private steel company for the first time in Korea with a mission to erect the steel business above all. We have introduced high-class technologies and high-tech equipments and established a new milestone in the domestic industry for the past sixty years. Dongkuk Steel now has stood atop as a leader of the world market. We shall always be with you with solid conviction and strong competitiveness that are the symbols of steel.

### Tenacity and Challenge toward Hundred Years of Steel Dongkuk Steel History

1954 Established Dongkuk Steel  
1963 Construction of first largest scale private steel factory in Korea  
1965 First private company to operate blast furnace in Korea  
1966 Construction of first electric arc furnace steel mill factory in Korea  
1967 Construction of first cold rolled steel sheet factory in Korea  
1971 Manufactured first steel plate in Korea

1972 Operated Incheon Works  
1975 Manufactured first pre-painted steel in Korea  
1986 Manufactured first galvalume and electro galvanized steel in Korea  
1988 Company open to public  
1991 Pohang Works No.1 steel plate factory construction  
1993 First introduction to DC electric arc furnace in Korea  
1997 Operated Pohang Works section & No. 2 steel plate factory  
1999 Operated Pohang Works reinforcing-bar Factory  
2001 Declared second start-up

2002 Busan Works No.4 hot-dip galvanized steel line/  
color coating line construction  
2007 Busan Works continuous Pickling Line and  
Tandem Cold Mill (PLTCM) construction  
2009 Constructed central R&D center  
Busan Works No.5 hot-dip galvanized steel line/  
color coating line construction  
2010 Introduced first eco-arc in Korea  
Dangjin works construction  
Selected as 'world best product' in pre-painted steel for  
home appliances

2011 Launched pre-painted steel 'Luxsteel' for high quality building interior  
& exterior materials  
2012 Operated Incheon Works EF (Eco-Friendly) rolling factory  
began construction of steel works CSP in Brazil  
Constructed Busan Works No.6/No.7 color coating line  
2013 Launched pre-painted steel 'Appsteel' for home appliances  
Constructed Busan Works no.8 color coating line  
2014 60'th anniversary of establishment  
2015 Absorbed and annexed Union Steel  
2016 CSP commercial manufacturing in Brazil Steel Works expected

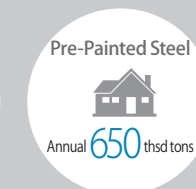
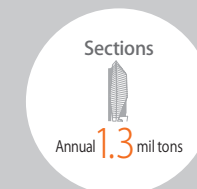


# Every Where Every Wear

As much as a man needs to be clothed,  
the world needs to be clothed with steel.

## 'Premium Steel' Made by Big ideas toward the World

There is no limit in the ideas of Dongkuk Steel. From a small nail to a seismic-proof reinforcing bar that endures strong earthquakes, high quality steel plates for ocean structures, interior & exterior materials for buildings and Pre-Painted Steel for home appliances, Dongkuk Steel are making various "STEEL" necessary for our lifestyle. With fresh ideas and cutting-edge technology, we shall develop steel products that enrich the world.





# Hot from the Heart

We are standing atop the world with a great passion deep inside our hearts.

## ‘Dream Steel Complex’, born with abundant resources and top-notch technology

Through CSP\_(Companhia Siderúrgica do Pecém), a joint venture with Posco and Vale, Dongkuk Steel has constructed 3 million ton blast furnace steel works at Pecem Industrial Complex, - in Ceara, Brazil and accomplished ‘integrated steel works’ Through the ‘dream steel belt’ that connects Korea and Brazil, Dongkuk Steel shall expand to the entire world market, Mid & South America, North America, and Europe.

## Status of Brazil steel works CSP

### CSP Outline

- Name of Joint Venture: CSP(Companhia Siderúrgica do Pecém)
- Joint Venture of Dongkuk Steel-Posco-Vale
- Investment: 5.46 billion USD
- Site: Northeast Brazil, about 990 ha inside Pecem Industrial Complex
- Scale: 3 million ton level blast furnace No. 1 Unit

## CSP History

- 2005 Investment MOU in Ceara, Brazil
- 2007 Declared project promotion of Integrated Steel Works
- 2008 Established a CSP joint venture with Dongkuk Steel and Vale
- 2010 Concluded the MOA of Dongkuk-Vale-Posco
- 2011 Acquired the construction environment permit  
Completed Songwon Pier and operated the raw material conveyor belt
- 2012 Started civil engineering works
- 2016 Commercial manufacturing (scheduled)



We shall continuously discover a future core business that is a new growth engine.



Dongkuk Steel Chairman **Chang, Sae-joo**

Steel business is the industry that enjoys the value with society beyond a certain company's growth, and is the continuously growing industry that is invested to create a new value of the future rather than the present. The future vision of Dongkuk Steel and its beginning of strategies stem from creating a new value through the company's innovation.

Based on the core capability accumulated in the existing steel business, Dongkuk Steel shall establish the manufacturing line centered at high added value and shall continuously discover a future core business, which can become a new growth engine.

It is not true that the first class company is always held in respect. Only when a company is respected by all employees, customers and society, is it able to maximize its profit and continue its competitiveness.

Through maximizing the value of the company, we shall do our best to become a company that stockholders and investors will want to invest in the most that members wish to work at the most and that is respected by customers and society.

I cordially ask for your unstinted concern and encouragement.

Selection and concentration shall make Dongkuk Steel The a world-renowned steel maker.



Dongkuk Steel Vice Chairman **Chang, Sae-wook**

Dongkuk Steel built the first large scale private steel works in 1954 in Korea. Also, since the establishment, the company only has focused on the field of steel and developed into a steel specialized company with strong competitiveness.

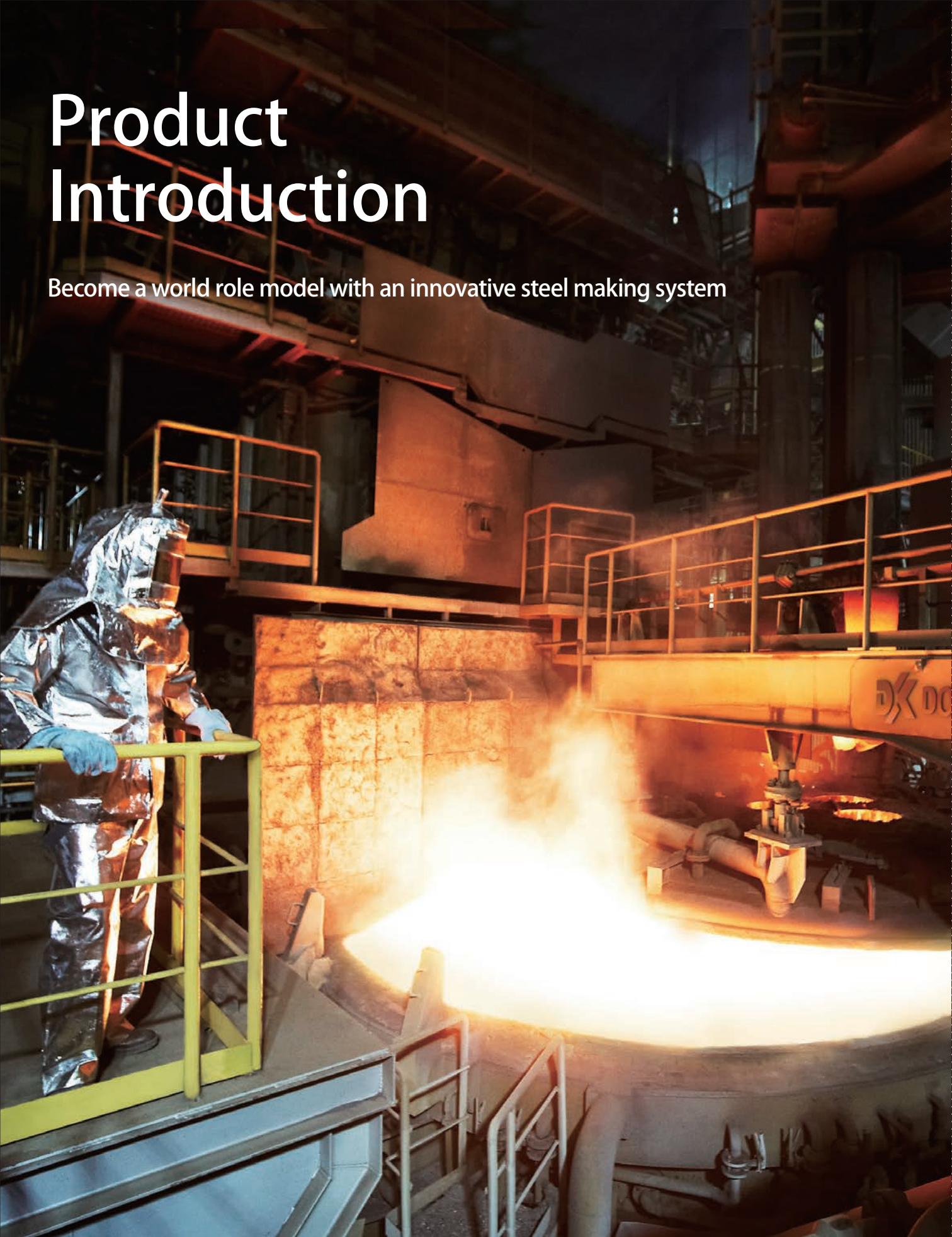
In the 70s and 80s, through continuous facility expansion, we have stably supplied steel materials to ship building and construction. In the late 90s, Pohang Works were equipped with the world best high-tech facilities with large-scale facility investment of 1 trillion won.

In the 2000s, we built Dangjin Works where high quality steel plates are manufactured, and newly opened a cutting edge R&D Center. The eco-friendly steel mill factory was built at Incheon Works, which boosted the efficiency of energy.

Busan Works, which is the integration of steel sheet production with surface treatment, manufactures high quality pre-painted steel and procures the largest number of pre-painted steel manufacturing lines in the world, which has been selected as the world's best product.

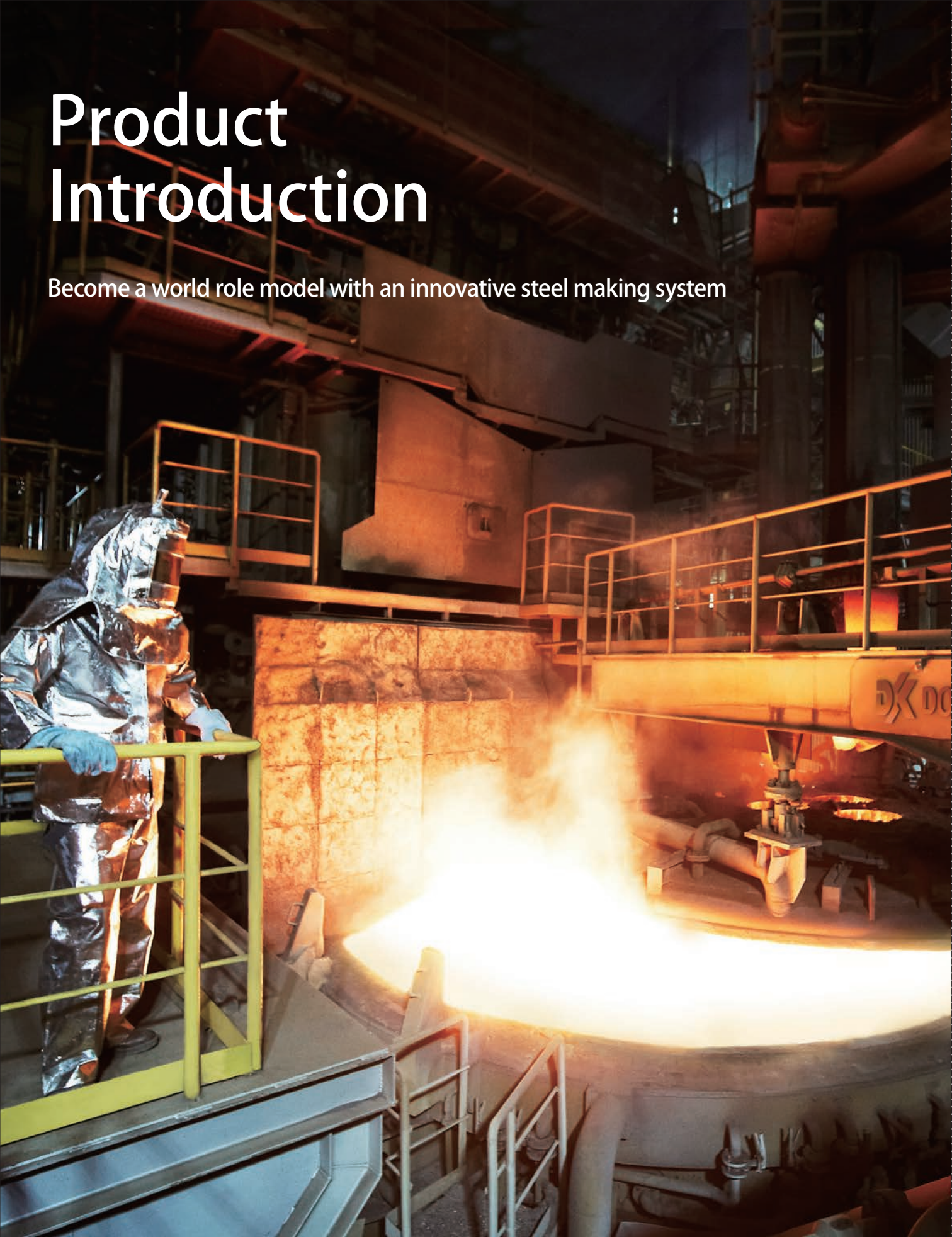
Dongkuk Steel has established a joint venture, CSP, for the blast furnace business in Brazil with Vale that is the biggest supplier of iron ores in the world and POSCO that has the highest technical skill. When CSP Steel Works in Brazil is constructed, Dongkuk Steel shall be reborn as a global steel company. Our selection and concentration upon the most confident job shall make Dongkuk Steel a world-renowned steel maker.





# Product Introduction

Become a world role model with an innovative steel making system



# Product Introduction

Become a world role model with an innovative steel making system

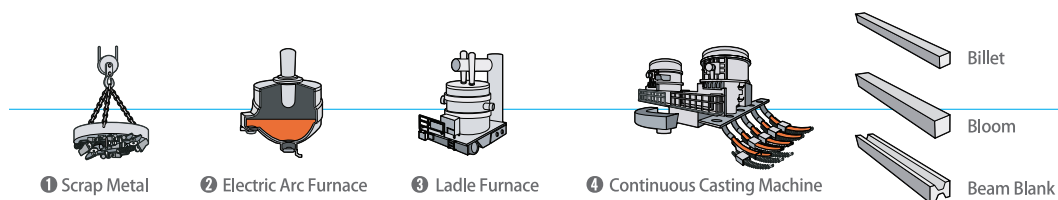
we are Dongkuk Steel.





## Steel Making/Casting

The Eco-arc furnace that Dongkuk Steel has shown for the first time in Korea, is an innovative electric arc furnace steel-making technology, which maximizes energy efficiency to reduce greenhouse gas. It reduces 30% more energy use than the existing electric arc furnace and broadens the selection of raw materials (iron scraps).



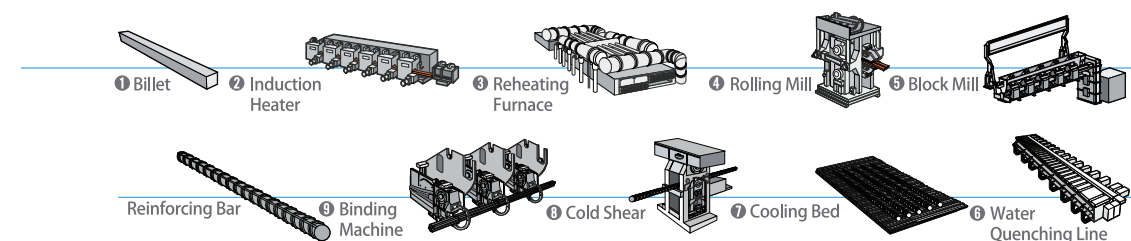
**Eco-Arc Furnace** An eco-friendly electric arc furnace with a continuous charging type facility, which can reduce generated flame, dust, and dioxin by installing a burner at the gas discharge line.

**Twin-Vessel Furnace** Operated with an AC motor control method, which can operate two electric arc furnaces with one power facility.

**DC Electric Arc Furnace** Reduces noise and power consumption by 10% compared to AC electric arc furnace and is equipped with efficiencies such as the reduction of refractory on the wall of electric arc furnaces.

## Reinforcing Bars

As reinforcing bars has an excellent adhesion with concrete, the product has a broad range of demands such as civil engineering, architectural structure, etc. Dongkuk Steel is manufacturing general, high tensile and super high tensile strength reinforcing bars for skyscrapers of various sizes from D10mm to D57mm. Recently, we have succeeded in the establishment of the KS standard for seismic-proof reinforcing bars for the first time in Korea to lead the market.



**Induction Heater** A facility to preheat billets before charging them in the furnace. It raises the temperature of billets to about 500°C and is omitted at hot-charge.

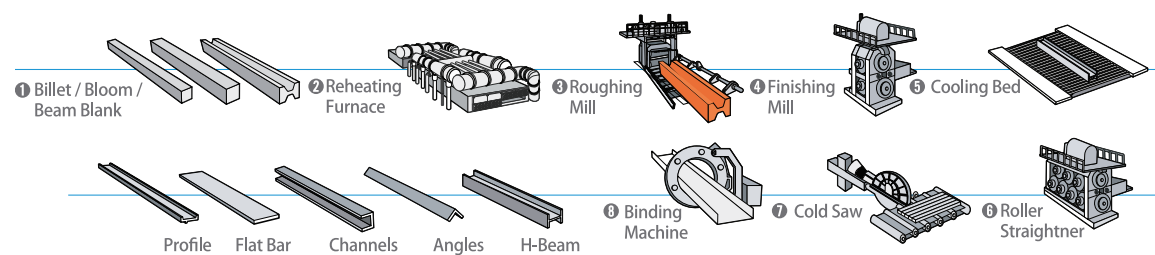
**Block Mill** A facility for rolling reinforcing bar (dia. 10, 13, 16, 19mm) at a high rate, which moves fast on a slit line.

**Twin Channel** A facility to settle the reinforcing bar precisely on the cooling bed. It is used mainly for manufacturing small size reinforcing bar. Dongkuk Steel has introduced this for the first time in Korea and takes a major role in quality improvement.



## Sections

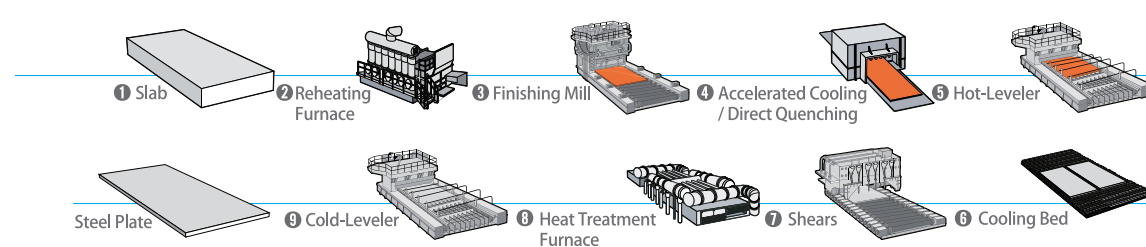
Dongkuk Steel is manufacturing various sections such as Angles, Channels, Flat steel bars, and Profiles including H-beam. H-beam is used for pillars & beams of building structures and bridges. There are general steel sections of Angles, Channels, Flat bars and Profiles according to the cross section shape, which are used widely for subsidiary materials of ships, steel towers and machines, etc.



**Standard Exchange** Dongkuk Steel has adopted walking-beam type furnace and two rolling processes of rough mills and finishing mills to optimize the rolling technique. Especially, Dongkuk Steel has introduced the DC type tandem mill with different rotational speeds and the standard exchange type that minimizes the roll exchange time for the first time in Korea to maximize the manufacturing efficiency and has prepared the manufacturing basis for the production of multiple kinds and multiple dimensions.

## Steel Plates

Steel plates are mainly used for building construction, bridges, ships and ocean structures. Dongkuk Steel is manufacturing annual 1.5 million tons of high quality steel plates at Dangjin Works. Especially, as Dangjin Works are equipped with the latest facilities such as mulpic, edger, heat treatment furnaces, etc., it is possible to manufacture not only general steel but also high quality steel with high tensile strength, TMCP, and heat treatment and for ocean structures.



**Mulpic** A facility to develop high quality steel materials a TMCP (Thermo Mechanical Control Process) product. Solid high quality products can be manufactured by processing rolled products through AC(Accelerated Cooling) or DQ (Direct Quenching).

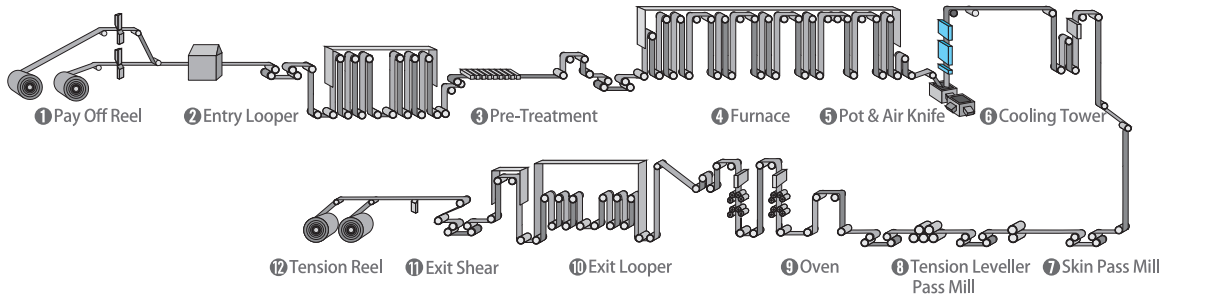
**Heat Treatment Furnace** A cutting edge facility necessary to manufacture high quality steel materials with heat treatment for pressure containers, pressure boilers, wind power towers, APIs, etc. The annual manufacturing capacity is 200 thousand tons.





## Zn-coated Steel

Dongkuk Steel is manufacturing electro galvanized steel, hot-dip galvanized steel and galvalume steel. Zn-coated Steel manufactured from four lines at Busan Works are used for interior/exterior building materials as well as fire doors, roof materials, soundproof walls, ducts, automobile parts, home appliances, etc.

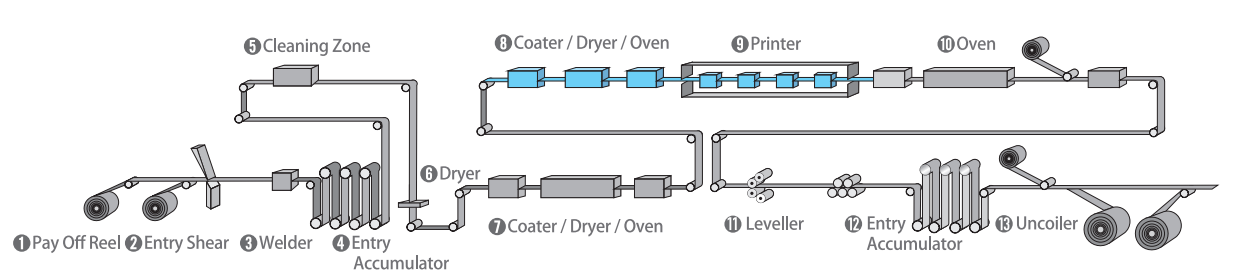


**Dual Pot** Procures the flexibility of manufacturing according to market condition by manufacturing zinc coating(GI) and zinc/aluminum coating(GL) at one line through pot exchange with a rail.  
**Air Knife and Magnetic Pad** Introducing the latest air knife with laser scanning and magnetic pad to keep iron sheets from vibrating various coating products are manufactured through the precision control of the coated amount(GI: 80~600g/m<sup>2</sup>, GL : 40~200g/m<sup>2</sup>).



## Pre-painted Steel

Luxsteel is a pre-painted steel not only with a faithful solid nature of iron but also with texture, an elegant pattern and color, and is used for building interior & exterior materials. 'Appsteel' is a pre-painted steel for home appliances, which has been selected as the world's best product, as it is coated with each country's local culture and preferred design, and is used for refrigerators, washing machines and air conditioners, etc.



**Printer** The mass production of an elegant exterior can be manufactured by freeing from a dull single color and applying the Gravure printing method to the CCL product to express hand drawing like pictures directly on the product.  
**Ultra Violet Coating Unit** Beyond the limit of existing PCM products, it is an exclusive coating facility for UV painting that has realized high hatching, emboss & engrave texture like a glass surface, to which CCL, the world's first fusion technology, has been applied.



A full-page photograph of a steel manufacturing facility. In the foreground, a large, flat, metallic surface (likely a steel plate) is being inspected. Two workers, wearing yellow hard hats and brown work clothes with yellow safety harnesses, are focused on the surface. One worker is standing and leaning over, while the other is kneeling. The background shows the industrial structure of the mill with high ceilings and large windows. The text 'Company Network' is overlaid on the left side, and a tagline is at the bottom.

# Company Network

Passion and sincerity have turned into the pride of Dongkuk Steel.

A full-page photograph of a steel mill. In the foreground, a large, flat, metallic surface (likely a steel plate) is being inspected. Two workers in brown uniforms and yellow hard hats are visible. One worker is standing and leaning over the surface, while the other is kneeling. Both are wearing high-visibility yellow safety vests with 'DONGKUK STEEL' printed on them. The background shows the industrial structure of the mill with high ceilings and large windows. The text 'Company Network' is overlaid on the left side, and a tagline is at the bottom.

# Company Network

Passion and sincerity have turned into the pride of Dongkuk Steel.

Dongkuk Steel has been competitive  
and highly successful in domestic & overseas.  
The passion for steel, deep insight for a market, and warm gaze  
toward people are what makes us strong.  
The world steel developer acknowledged with capability and value,  
we are Dongkuk Steel.







Center of Change & Innovation  
Head Office

The head office located at Suha-dong, Jung-gu, Seoul consists of five offices reinforcing bar, sections, steel plate, cold rolled steel, and purchasing, and is carrying out a role of 'Control Tower' for overseas corporations. Moreover, stationed with a strategy department to discover the future growth engine and a financial department to support each business site, it is opening a new possibility of Dongkuk Steel. In the meantime, the head office has established a 'smart office' without location restriction and a fast response time to the changing era by boosting the work ability and living quality of staffs and employees, inducing a creative and dynamic organization culture.

'Control Tower' of Dongkuk Steel

- 1974: moved head office to Suha-dong, Jung-gu, Seoul
- Established Smart Office and FMC(Fixed Mobile Telephone Convergence) first in steel industry
- Stationed departments of finance, strategy, business and purchase

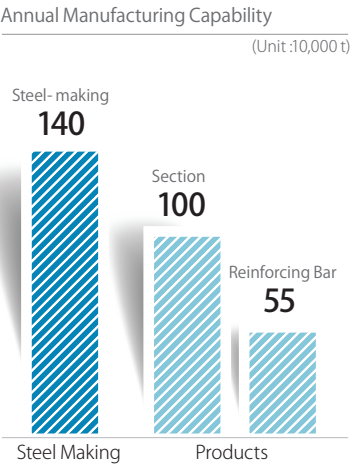


Cradle of Know-how and Technical Skill  
Pohang Works

Pohang Works have opened the era of the second venture of Dongkuk Steel and pursued quick changes such as continuous rationalization of facility and introduction and development of the latest technical skills. The works at Pohang Works have introduced the twin-vessel type electric arc furnace for the first time in Korea. There are section factories where products of various sizes can be manufactured on one single manufacturing line and a reinforcing bar factory where a continuous rolling facility is installed in.

Mecca of Second Venture

- Total Area 837,860㎡
- Crude steel manufacturing annually 1.4 million tons, product manufacturing annually 1.5 million & 500 thousand tons
- General sections of H-beam and channel, angle, reinforcing bar







Eco-friendly Reinforcing Bar Specialized Manufacturing Factory  
Incheon Works

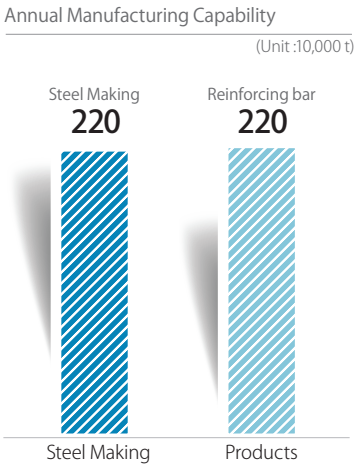
In 1993, Incheon Works introduced a steel making method of one million ton level DC electric arc furnace for the first time in Korea and set a world record in the area of production per steel making.

In October 2010, the eco-arc furnace was introduced for the first time in Korea to boost energy efficiency to reduce environmental pollution and turned into an “eco-friendly business site”.

In July 2012, the no.1 rolling factory with the latest facility was constructed and in 2014, the facility capability of the no.2 rolling factory was enhanced through rationalization to advance as a reinforcing bar specialized manufacturing factory with the worldly renowned competitiveness.

New Growth Engine of Dongkuk Steel

- Total area 277,687㎡
- Annual 2.2 million tons of steel making, annual 2.2 million tons of product manufacturing
- Reinforcing bar (high tensile strength/super high tensile strength, D10~D57)



Pride toward the Highest Quality Steel Plate  
Dangjin Works

Constructed in 2010, Dangjin Works manufactures not only general steel plates but also every high quality steel plate for special ships and ocean structures, giant ships.

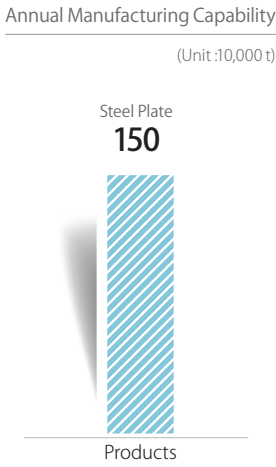
As the manufacturing portion of high quality steel is high, the factory is established with a cutting-edge system combined with IT and steel making technology.

The manufacturing lines extending to 1.2km is controlled by a computer for all the processes from slab heating to rolling and cutting, and it is applied with a cutting edge distribution system, 'RTLS'(Real Time Location System) which can identify the condition of raw materials and semi-complete products in real time. In addition, it is equipped with a 'precision control system', which can make high strength TMCP steel plate by repeating several rolling with a precise temperature and pressure under the heating condition of 1,200℃ and cooling it afterwards.

Dangjin Works shall be a leader in the global manufacturing system along with CSP Steel Works in Brail

High Quality • Differentiated Masterpiece Steel Plate Base

- Total area 687,600㎡
- Annual 1.5 million tons of product manufacturing
- Steel plate (high quality steel plates for double width ship building, TMCP, heat treatment material)





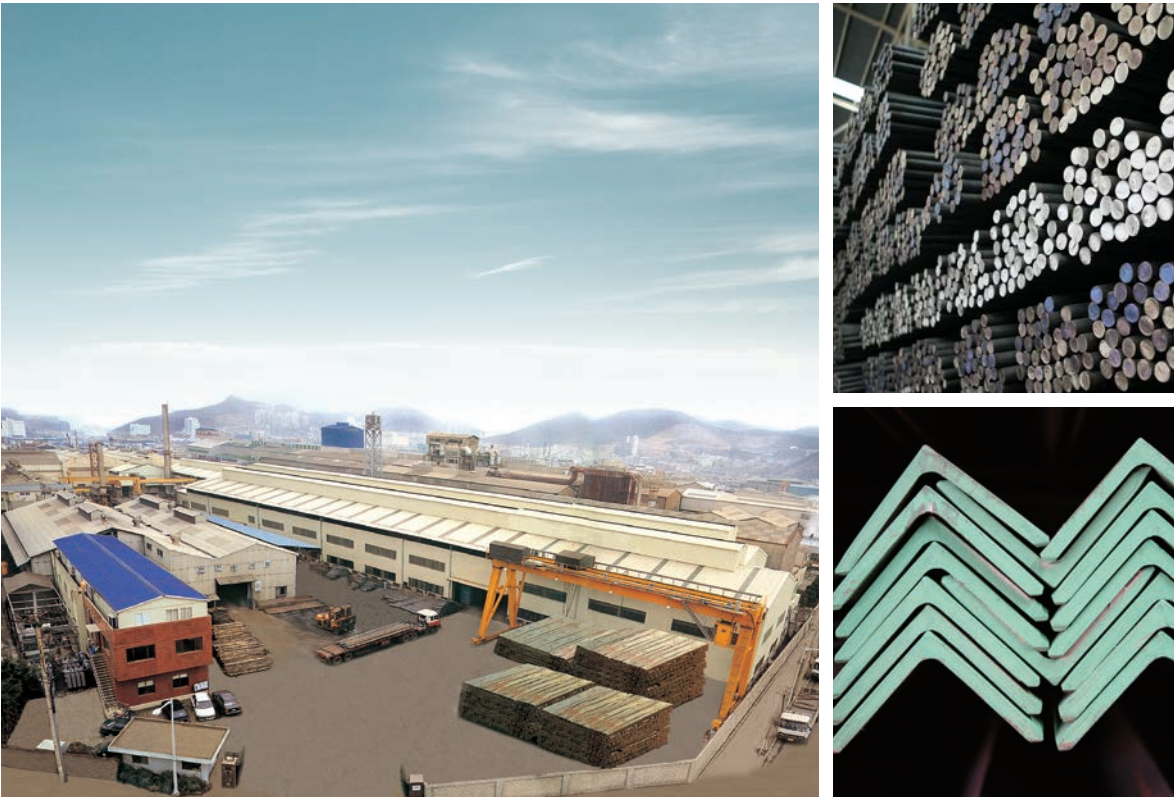
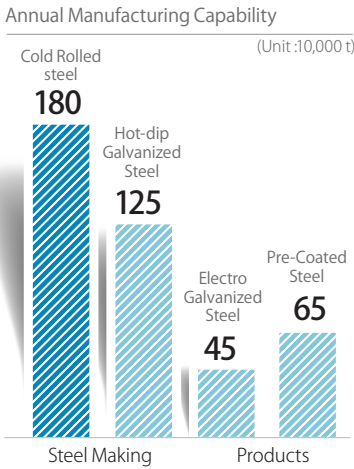


Manufacturing Base for the Best Pre-Painted Steel  
Busan Works

Busan Works, a root of manufacturing pre-painted steel in Korea, procures the largest pre-painted steel facility in the world. It constructed the first cold rolled steel factory in Korea in September 29, 1967 at Gaman-dong, Busan. The works started manufacturing pre-painted steel in 1975 and galvalume steel sheet and electro galvanized steel for the first time in Korea in 1986, and has strengthened the position as a surface treatment steel base. In the meantime, the works have introduced the latest pre-painted steel facilities (No. 6, 7, 8 CCL) to manufacture pre-painted steel with a discontinuous pattern and high hatching uniquely in the world. In addition, Busan Works is doing its best to become a 'Number One Pre-Painted Steel Manufacturing Company in the World' with a sophisticated strategy by launching pre-painted steel, 'Luxsteel' for luxurious interior & exterior building materials and pre-painted steel, and 'Appsteel' for home appliances branded for the first time in the steel industry.

No.1 Leading Role of Pre-painted Steel

- Total Area 353,329㎡
- Annual 1.8 million tons of cold rolling, annual 2.35 million productions
- Cold rolled steel, Galvalume steel, Hot-dip galvanized steel, Electro galvanized steel, Pre-painted Steel (Luxsteel, Appsteel)

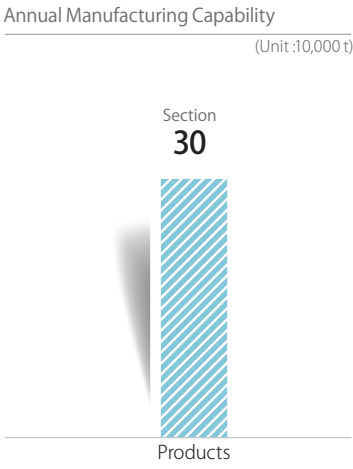


Customized Multi-type Mid & Small Size Sections  
Shinpyeong Works

Shinpyeong Works are manufacturing customized multi-type mid & small size sections. Dongkuk Steel moved the main factory to Pohang in 1998, and took over the reinforcing bar factory at Shinpyeong-dong, Busan. Shinpyeong Works have mainly manufactured small size sections and currently has turned into a special customized manufacturing factory with multi-ple and small quantities focusing on mid & small size sections. Shinpyeong Works are small but strong works where people can feel the spirit of craftsmanship and it spassion, which holds the tradition and pride of Dongkuk Steel.

Works are changing by keeping its tradition & pride

- Total Area 18,694㎡
- 30 thousand tons annual production
- Angle, Channel, Flat Bar, Profile







## Globalization through Technology and Professionalism R & D Center

**Pohang** R & D Center of Dongkuk Steel was established in 2005 and a large scale cutting edge R & D Center was opened at a nearby Pohang Works focusing on the development of high performance & high quality products and eco-friendly process technology. Currently, the R & D Center is gathering knowledge and information about the steel field in the entire world and developing products and new technology to strengthen the company's competitiveness. A goal of Dongkuk Steel toward the era of global unlimited competition is just 'technical skill and globalization'. The R & D Center takes a pivotal role to procure the best technical skill, which shall lead the world.

**Busan** The R & D Center in the field of cold rolling technology, which carries out product development and technology support directly related to the manufacturing of surface treatment steel. Through 30 years of know-how by special researchers in cold rolled coated steel and pre-painted steel, the center procures the best technical skill in the development and manufacture of coated steel. Especially, the leading technical skill of painting & coating in the industry plays a part of helping Dongkuk Steel to stand as a top-notch company specialized in pre-painted steel.

### Enhance Added Value through Development of Original Technology

- Total Area 12,903㎡
- Research building, no. 1 & 2 lab buildings
- Develop high strength & high performance products (TMCP/API)
- Develop eco-friendly process technology (Eco-Arc, etc)
- Challenge first class product, first class technology (seismic-resistant, reinforcing bars for nuclear power plants)
- Customer oriented R&D (Shipbuilders, EVI)

### Procure Technical Skill of World Best Coating & Pre-painted Steel

- Specialized coating tech.: Al-X, high anticorrosive Mg steel sheet, electroformed coating
- World first UV PCM steel, Imprinting PCM steel sheet
- First domestic SUSLIKE steel
- Cold rolled material steel for automobiles, etc.

## Subsidiaries

Raising Company's Synergy by  
Operating the Subsidiaries of  
Distribution-Machine-IT

### INTERGIS

Hitech Distribution Service



INTERGIS has bases at Busan, Pohang, Dangjin and Incheon and offers a general distribution service such as port loading/unloading, land transportation, storage and forwarding. Annually, INTERGIS has handled bulk freights and container freights of more than 14 million tons and 310 thousand tons, and has advanced to overseas distribution business to accomplish VISION 2017 (1 trillion won sales)

In 2014, INTERGIS established a local business firm in Brazil to operate CSP distribution in Brazil Steel Works. In 2012, INTERGIS established United Distribution Limited at Gangeum, China. As the loading dock has been completed in 2015, the company shall strengthen its distribution business in China.

### DK UIL

Manufacturing Company for General  
Electronic Parts



Established in 1982, DK UIL has expanded its business area to smartphone case to quantify the parts supply for customer's core product group. The Paju head office is completely equipped with the infrastructure for self manufacture & supply such as evaporation, spindle line, etc that are the core surface treatment process of smartphones. Ansan Factory is equipped with the latest facilities that can specially manufacture metal parts. For overseas, DK UIL has established the manufacturing network centered at Tianjin-Vietnam and opened offices in India and Brazil to respond actively to the production needs of smartphone manufacturers in the entire world.

### KUKJE MACHINERY

Agricultural Machine Specialized Company



Kukje Machinery established in 1968 is an agricultural machinery specialized company and is manufacturing agricultural machineries and diesel engines for tractors, combines, and planting machine. Recently, the company has received the EPA Tier-4 of the environmental certificate in the U.S in the diesel engine field. The company also has acquired a very difficult EEC European certificate and has been acknowledged for its quality in domestic and overseas. The company established Branson Corporation in the U.S in 2001 as well as a parts center in Germany. The company is supplying agricultural machineries not only to Asia and Australia but also to Russia and the Middle East.

### DK UNC

Total ICT Service Company



DK UNC started as an IT service company of Dongkuk Steel Group in 2005. The company is offering consultation and service for the innovation of customer business as a 'total ICT Service Company'. The company procures diverse customers such as not only group affiliated companies but also manufacturers, public institutions, financial institutions, and colleges. The company supports customers to innovate their business processes based on IT in the midst of rapidly changing the economic situation. Moreover, the company has contracted a partnership with global IT companies such as Korea HP and Korea IBM to propose the optimum IT solution by offering server, storage and network devices.

### DK AZTEK

LED Core Element Manufacturer



DK AZTEK is a LED material part specialized company, that develops and manufactures sapphire, the core material of LED device boards. Since 2009, the company has accumulated self technology know-how from the first generation 35kg level sapphire ingot grower to the third generation 130kg level. Recently, the company has sold self made sapphire ingot grower equipment to sapphire manufacturers in China with the highest order price in the domestic. DK AZTEK shall grow into a 'Sapphire Total Solution Company' together with the existing sapphire ingot manufacturing business up to the equipment supply.



# Management Philosophy



## Strengthen Sustainable Competitiveness to Establish Plan for Hundred Years of Steel

There is an unchanging philosophy of Dongkuk Steel even in the midst of changing creations.  
A company that keeps basics and principles, reacts in advance to the change in external environment,  
and survives and develops together with customers and local society this is a persistent tenacity of  
Dongkuk Steel that is advancing as a global steel company.



### Ethics

Dongkuk Steel of harmony and mutual survival has promised a transparent management to customers, a fair trade with our partners and a fair treatment to staffs and employees and has established mutual trust. Such a mutual surviving culture stems from sharing management ideologies by all to build the future with earnest effort. We shall fulfill our responsibility and develop into a top-notch company through fair competition.

### Environment

Dongkuk Steel thinks about the environment in priority and considers the effect of the manufacturing process upon the environment and the reproduction of products. Every business site thoroughly keeps the principle to minimize the discharge of pollution substances and the consumption of energy. Dongkuk Steel is building a future oriented model of steel companies with eco-friendly sustainable growth by unstinted facility investment and environmental management.

- First introduction to eco-arc furnace in domestic, which maximizes energy efficiency and reduces greenhouse gas
- Introduction to the hot Charge manufacturing method, which boosts raises energy efficiency with flexible furnace operation (Incheon Work)
- Introduction to regenerative furnace, which reduces pollution substances and raises energy efficiency through LNG fuel (Dangjin Works)
- Newly installed self wastewater treatment facility, which can achieve saving annual 460 thousand tons of industrial water (Busan Works)
- Realizes an eco-friendly company culture by extension of regenerative incinerator and the exchanging plan of LNG cogeneration boiler fuel
- Periodically composing a self energy management committee and progress energy saving related campaign



# Social Responsibility

## Pursuing the World of Sharing Together, A Direction Dongkuk Steel should Move Toward

Dongkuk Steel is operating various social contribution programs to be with alienated neighbors. We are returning the company's profit back to scholarship-culture & art support projects including local society volunteer services through the Songwon Culture Foundation. The world is much happier if we share together.



### Local Volunteer Service

Dongkuk Steel is carrying out various social contribution activities through the 'Nanum-Jigi' Volunteer Group such as helping an alienated group, sponsoring schools, supporting culture & arts, and cleaning environments at Seoul, Incheon, Pohang, Dangjin and Busan where business sites are located.

### Scholarship Program

Since 2004, Dongkuk Steel affiliated with Songwon Culture Foundation, by the intention of development in natural science & engineering, has given scholarships annually to excellent students and graduate students in natural science & engineering of fourteen colleges in the areas of Gyeonggi, Gyeongsang, Chungcheong, and Jeolla where business sites are located. Practical supports have been continued to those among scholarship students by giving preferences to job seeker in our company the during hiring process.

### Culture & Art Sponsor

Dongkuk Steel is actively leading the activities in the company's seminars such as performance and culture & arts. Every year, we discover and support new competent artists at the Songwon Art Center including the support for culture & arts field by holding operas, classics, and musicals.

### Social Group Cooperation

We hold a share event with a nonprofit foundation 'Beautiful Store' to support alienated groups with event profits and sponsor green art festivals and environment photo exhibitions of environmental foundations.



# Worldwide

## Domestic Business Sites

**Main Office**  
Ferrum Tower 19 Euljiro 5-gil, Jung-gu, Seoul  
Tel : 82-(0)2-317-1114

**Pohang Works**  
195 Cheolgangsandan-ro, Deasong-myeon,  
Nam-gu, Pohang, Gyeongbuk  
Tel : 82-(0)54-278-6111

**Incheon Works**  
15 Jungbongdae-ro, Dong-gu, Incheon  
Tel : 82-(0)32-830-6216

**Busan Works**  
102 Shinsun-ro, Nam-gu, Busan  
Tel : 82-(0)51-640-5114

**Dangjin Works**  
25 Godae Industrial Complex 1-gil,  
Songak-eup, Dangjin, Chungnam  
Tel : 82-(0)41-351-4984

**Shinpyeong Works**  
76 Hasinbeonyeong-ro, Saha-gu, Busan  
Tel : 82-(0)51-294-2133

**R & D Center**  
70 Geonposaneop-ro 3214-gil, Daesong-myeon,  
Nam-gu, Pohang, Gyeongbuk  
Tel : 82-(0)54-271-2710

40, 20-gil, Namcheonsu-ro, Suyeong-gu, Busan  
Tel : 82-(0)51-610-2300

## Overseas Business Sites

**Corporation in U.S.A**  
LOS ANGELES BRANCH  
DONGKUK INTERNATIONAL, INC.  
19750 Magellan Drive Torrance, CA. 90502, USA  
Tel : 1-310-523-9595  
Fax : 1-310-523-9599

**New York Branch**  
NEW YORK OFFICE  
DONGKUK INTERNATIONAL, INC.  
400 Kelby Street, 11th Floor,  
Fort Lee, NJ. 07024, USA  
Tel : 1-201-592-8600  
Fax : 1-201-947-3999

**Corporation in Brazil**  
CSP(Companhia Siderúrgica do Pecém)  
Rodovia CE 422, S/N, Km 11.5,  
Sao Goncalo do Amarante, CE, Brazil  
CEP 62670-000  
Tel : 55-85-3033-3800  
Fax : 55-85-3033-3899

**Corporation in Japan**  
TOKYO BRANCH  
DONGKUK CORPORATION  
7 Floor, PMO Nihonbashi-Kayabacho,  
3-11-10, Kayaba-cho, Nihonbashi,  
Chuo-Ku, Tokyo, 103-0025, Japan  
Tel : 81-3-5623-5723  
Fax : 81-3-5623-5722

**Main Office in China**  
WUXI OFFICE  
中国江苏省阴江市夏街道港路5号三楼邮编  
[SALES DIVISION IN CHINA]  
3F, No.5 Sugang Rd., Xiagang Zone,  
Jiangyin City, Jiangsu, CHINA 214442  
Tel : 86-510-8603-7189(0032)  
Fax : 86-510-8603-7140

**Wuxi Chanjiang Thin Plate Metal Ltd.**  
WUXI CHANGJIANG METAL  
中国江苏省无锡市惠山区玉祁镇武玉路18号  
[WUXI CHANGJIANG METAL CO., LTD.  
WUXI WORKS]  
No.18 Wuyu Road, Yuqi Town, Huishan,  
Wuxi City, Jiangsu, China 214183  
Tel : 86-510-8388-0089-8001  
Fax : 86-510-8388-9763

**Union Steel China**  
UNION STEEL CHINA  
中国江苏省江阴市夏港街道苏港路1号  
Xiagang Zone Jiangyin Riverside Economy  
Development Area, Jiangyin City, Jiangsu,  
China 214442  
Tel : 86-510-803-2308  
Fax : 86-510-8603-2318~9

**Coil Center in Mexico**  
UNION STEEL MEXICO S.A. DE C.V.  
Av. Internacional #303 Parque Industrial Huinala,  
Apodaca, Nuevo Leon,  
Mexico C.P. 66645  
Tel : 52-81-8145-2122  
Fax : 52-81-8145-4350

**Coil Center in India**  
USI Service Center Pvt. Ltd.  
B-3/2, Ecotech-1, Extension,  
Greater Noida, UP-201 308, India  
Tel : 91-120-481-8156  
Fax : 91-813-037-6465

**Coil Center in Thailand**  
UNION STEEL Processing Center(Thailand) Ltd.  
Pinthong Industrial Estate Project 3,  
No. 217/9 Moo 6, Bowin, Sriracha,  
Chonburi 20230, Thailand  
Tel : 66-(0)38-110-570  
Fax : 66-38-110-577

