



CONTENTS

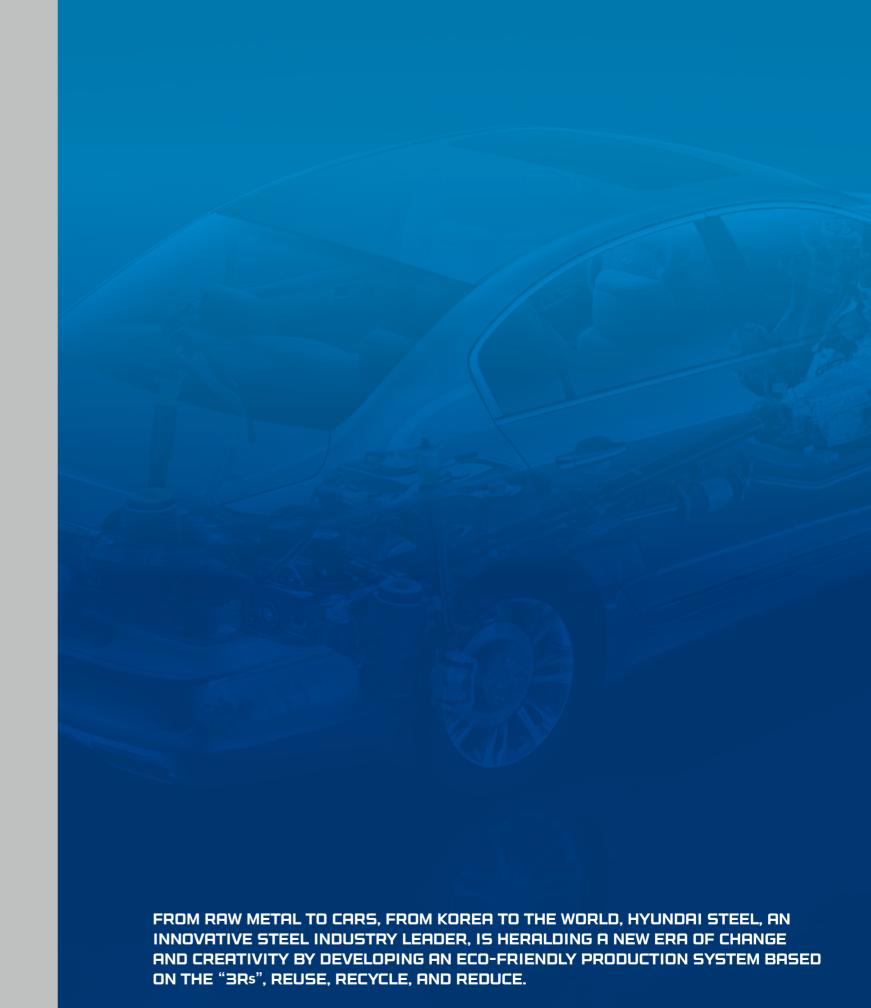
- 01 INTRODUCTION
- 02 COMPANY HISTORY
- 03 NEW ERA OF CIRCULATION
- 04 AUTOMOTIVE STEEL OF HYUNDAI STEEL COMPANY
- OS R&D STRATEGY FOR AUTOMOTIVE STEEL
- 06 STRUCTURAL PARTS, REINFORCEMENTS & CHASSIS
- 07 INNER & OUTER PANEL
- 08 PIPE USAGE
- 09 HIGH CARBON & ALLOY STEEL
- 10 PRODUCTION CAPACITY
- 11 SPECIAL STEEL & DIMENSIONS AND WEIGHT
- 12 GLOBAL NETWORK

CORPORATE INTRODUCTION (CI)



The symbol 'H', which embosses the mission of Hyundai Steel, stands for 'High Spirit', 'Harmony', and 'Humanity'. The firm and stable axes on both sides of the 'H' imply the past and new businesses and customers. The bridge connecting the two axes suggests a promising future of Hyundai Steel, growing with balanced contact and integration of both axes.

The bright blue color shows the leading position of Hyundai Steel in future environmental concerns, proposing a new blueprint based on modern technology and reliability. In other words, High Spirit, Harmony, Humanity collectively represent that Hyundai Steel will grow into a world-leading steel company with high spirit and harmony, thereby contributing to the humanity.



COMPANY HISTORY

START~1979

1953. 06	Established as Korea Heavy Industry
	Corporation

- 1962. 11 Changed name to Incheon Heavy Industry Company Ltd.(Privatized)
- **1964. 09** Established Incheon Iron & Steel Company
- **1970. 04** Merged with Incheon Heavy Industry Company Ltd.
- **1972. 05** Commissioned a wire manufacturing
- **1973. 07** Commissioned a 40 ton crude steel facility
- **1973. 11** Commissioned a wire rod rolling mill
- 1975. 05 Commissioned a mini mill
- 1978. 06 Incorporated into Hyundai Group
- **1979. 03** Commissioned an electric arc furnace

1980~1990



1982. 03 Commissioned a wide flange beam mill

1983. 02 Commissioned a casting mill

1985. 02 Expanded 40 ton electric furnace mill to 50 ton mill

1986. 01 Converted 60 ton electric furnace mill

1986. 02 Converted wire manufacturing mill

1987. 02 Expanded 30 ton electric furnace mill to 40 ton mill

1987. 05 IPO (Initial Public Offering)

1990. 03 Commissioned a stainless cold rolled steel mill (50,000 tons/year)

1990. 09 Expanded stainless cold rolled steel mill (120,000 tons/year)

1991~2000

1992. 01 Completed the 1.1 million ton wide flange beams mill

1992. 10 Became a full member of the International Iron & Steel Institute

1993. 12 Renovated the shapes mill

1994. 12 Completed the 90 ton electric arc furnace mill and second No.2 reinforcing bar mill

1997. 10 Completed the R&D building

1998. 03 Completed the 120 ton electric arc furnace mill and new shapes mill

2000. 03 Merged with Kangwon Industries Ltd.

2000. 12 Acquired Sammi Steel Company Ltd.

2006. 10 Completion Hyundai hot-rolled steel mill

2006. 10 Ground-breaking ceremony for integrated steel mill

2007. 07 Ground-breaking ceremony for the closed-loop type raw material treatment facility for the integrated steel mill

2007. 08 Developed high strength H beam steel for seismic design

2008. 06 Joined 'UN Global Compact'

2008. 10 Developed railways for magnetic levitation train

2008. 12 Obtained Information Security
Management System Requirements
(ISO 27001) Certification

2001~2005



2001. 04 Reincorporated into Hyundai Motor Group

2001. 07 Changed name to INI Steel Company

2004. 10 Acquired Dangjin Steelworks (Hanbo Iron & Steel) assets

2004. 10 Dangjin Works was merged and acquired

2005. 05 Completed commercial test run of Dangjin hot rolled steel mill production

2006~2008

2006. 03 Changed name to HYUNDAI STEEL

2006. 09 A harbor opening ceremony for ships with a draft of 50 000 tons

2009~2013



2009. 03 Completed 100,000 tons & 200,000 tons berths of integrated steel mill

2009. 06 Developed large sized Ingots (150 ton)

2009. 08 Received integrated steel mill's first shipment of iron ore

2009. 11 Began operations of coke plant

2009. 12 Began operations of sintering plant and plate plant in integrated steel mill

2010. 01 Fired up No.1 blast furnace; began operations

2010. 01 Began operations of steel making plant and continuous casting plant in integrated steel mill

2010. 04 Opening ceremony for Dangjin Integrated Steelworks

2010. 11 Firing ceremony for No.2 Blast Furnace at Dangjin Integrated Steelworks

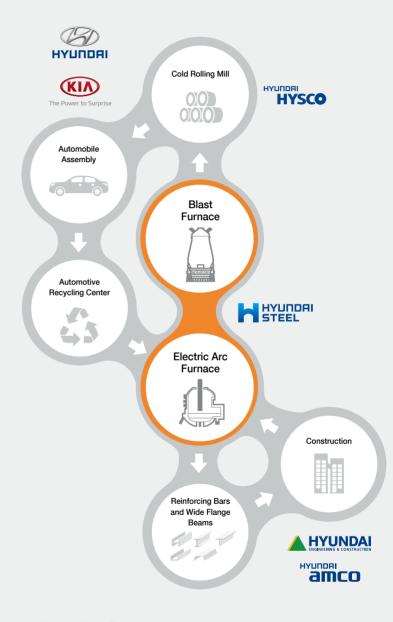
2011. 04 Ground-breaking ceremony for No.3

Blast Furnace at Dangjin Integrated

Steelworks

2013. 09 Began operation of Blast Furnace No.3

NEW ERA OF CIRCULATION



Development of Resources Recycling System

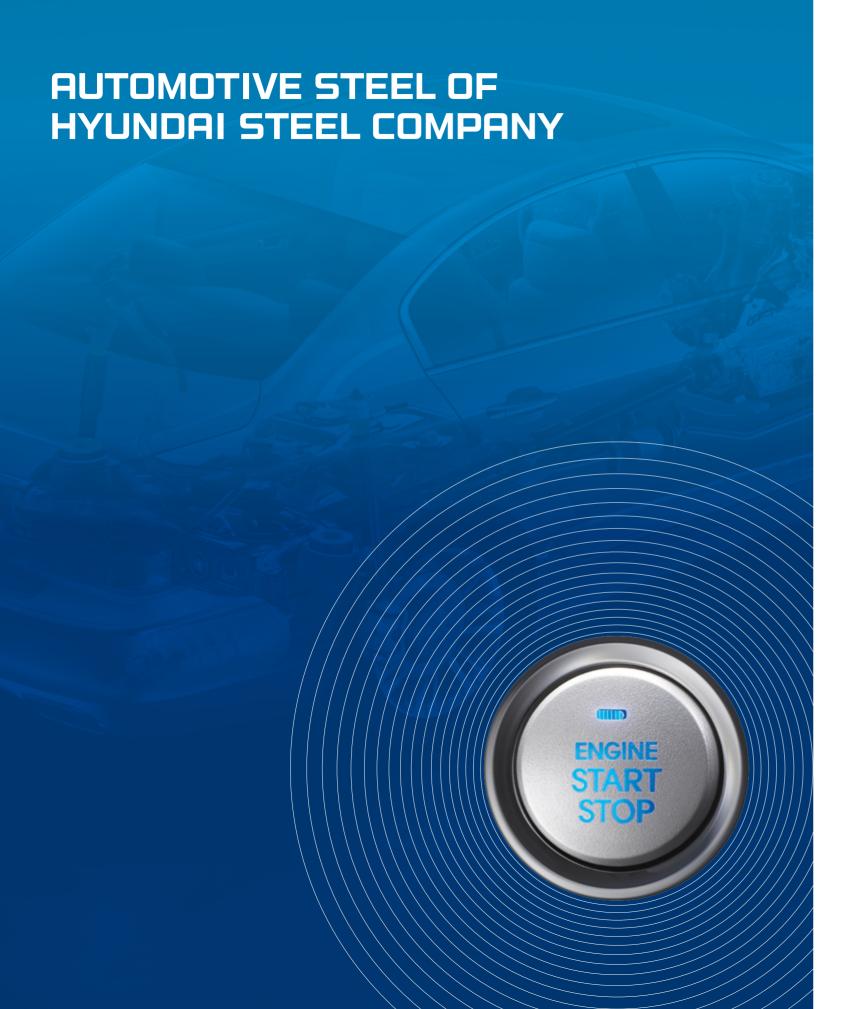
Hyundai Steel is the first steel maker in the world to develop a resources recycling business system that stretches all the way from iron ore to final steel product, to scrap. This system in Hyundai Steel which has already been the largest steel resources recycler in Korea has allowed us to enhance global competitiveness through our new blast furnaces business. Hyundai Steel produces hot-rolled coil followed by cold rolling in Hyundai Hysco. The cold-rolled automotive steel is used to make cars in Hyundai Motor and KIA Motors. The next step is out-of-service cars turning into the scrap for recycling at the Automotive Recycling Center. The scrap is then converted into reinforcing bar or H section to be utilized in construction and building projects in charge of Hyundai Engineering & Construction and Hyundai Amco. When the wastes from the construction are recycled to scrap, the recycling system is completely closed as one circle.



R&D STRATEGY FOR AUTOMOTIVE STEEL



Category		2008 ~ 2009	2010 ~ 2011	After 2012	
R&D	Strategy	Basic Technologies	Quality Stabilization	High Technologies	
Hot Rolled Coil					
Product Development		Alloy Design (auto sheet / general)	Expansion of Application (auto sheet / general)	Ultra-High Strength Products (for hot stamping with TS 150kN)	
	Applied Technology	Collaborated R&D System (Hyundai Automotive Group)	Quality Assessment Tech. (forming, welding, painting)	EVI Technologies (forming, durability and collision analysis)	
Process	Iron Making	Raw Material Blending	Optimization Productivity & Cost	High Productivity with Competitiveness	
Development	Steel Making	Process Model & Standards	Stabilization of Quality	Process Technology for High-Grade Steels	

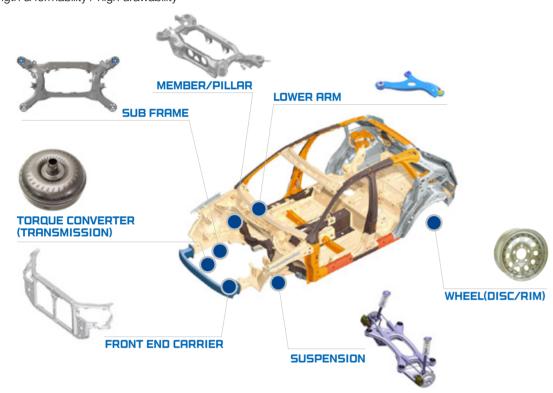




STRUCTURAL PARTS, REINFORCEMENTS & CHASSIS

DEMANDING PROPERTIES

high strength & formability / high drawability

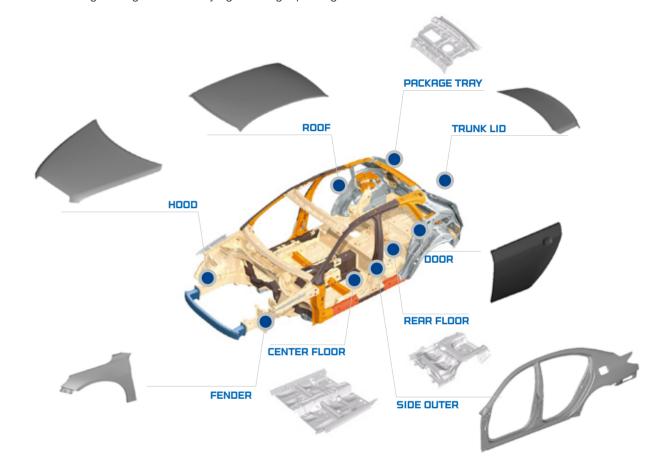


Tanaila Ctuanath (MDa)	HYUNDAI STEEL		
Tensile Strength (MPa)	Commercial Production	Developing	
300 ~ 400	JIS-SPHC/D/E JIS-SAPH370		
400 ~ 500	JIS-SS400 JIS-SAPH400 JIS-SAPH440 JIS-SM490A		
500 ~ 600	JIS-SPFH540 JIS-SPFH590 SPFH540FB SPFH590FB HS540AS HS590AS	SPFH590Y	
over 600	HS780AS	SPFH1180MS	

INNER & OUTER PANEL

DEMANDING PROPERTIES

excellent surface / high strength & formability / galvanizing & painting



Tanaila Strangth (MDa)	HYUNDAI STEEL			
Tensile Strength (MPa)	Commercial Production	Developing		
200 ~ 300 (IF STEEL)	HSCC1/HSCC2 HSCC3/HSCD HSCDD/HSCED			
300 ~ 400	HSC340R/E HSC390R/E HSC340BH			
400 ~ 500	HSC440R/E	HSC490DP		
over 500	HSC590C HSC590DP	HSC780DP		

6

RUTOMOTIVE STEEL OF HYUNDRI STEEL COMPRNY

PIPE USAGE

DEMANDING PROPERTIES: (Pipe Making) cold drawability

excellent surface / high cleanliness / tight thickness tolerance



Tanaila Ctranath (MDa)	HYUNDAI STEEL		
Tensile Strength (MPa)	Commercial Production	Developing	
300 ~ 400	JIS-STKM11A JIS-STKM13A SAE1008		
400 ~ 500	JIS-STKM12B JIS-STKM13B SAE1010 SAE1016 SAE1020	HS440CD HS470CD	
500 ~ 600	SAE1022 HS510CD	HS550CD JIS-STKM16A SAE1026	
over 600	HS1470DIB (boron steel)		

HIGH CARBON & ALLOY STEEL

DEMANDING PROPERTIES: (After Rerolling) mechanical quality

excellent surface / high cleanliness / good quality after heat treatment

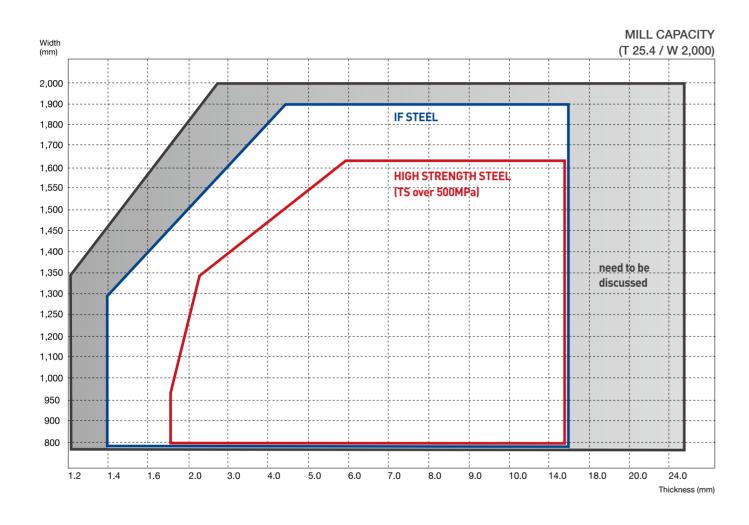


Catagony	HYUNDAI STEEL			
Category	Commercial Production	Developing		
High Carbon Steel	JIS-S20C JIS-S35C JIS-S45C JIS-S50C JIS-S55C SAE1040 SAE1060	JIS-SK85 SAE1045 EN-C45 EN-C55 EN-C67		
High Manganese Steel		SAE1541		
Alloy Steel	JIS-SCM415 JIS-SCM435	JIS-SNCM220 DIN-50CrV4		

AUTOMOTIVE STEEL OF HYUNDAI STEEL COMPANY

PRODUCTION CAPACITY

Available Sizes



Tolerances

(Unit-mm)

							(Unit: mm)
Thickness Range	1.2 ~ 3.2	3.2 ~ 4.0	4.0 ~ 5.0	5.0 ~ 6.3	6.3 ~ 10.0	10.0 ~ 16.0	16.0 ~ 25.0
Thickness Tolerances	± 0.15	± 0.16	± 0.18	± 0.20	± 0.22	± 0.25	± 0.30
Width Tolerances	- 0 ~ +20						
COIL ID				762 ± 50			

SPECIAL STEEL



Steel Group		HYUNDAI STEEL			
Steer	Group	Commercial Production	Developing		
Carbon	Low Carbon Steel	SM10C, SM20C, SM25C			
Steel	Middle Carbon Steel	SM35C, SM38C, SM43C, SM45C, SM48C, SM50C, SM53C, SM55C, S45CM, S48CM, S53CM, S45CS	S53CRB, S55CKN		
Low Alloy	Cr Steel	SCR420H, SCR420H1, SCR440H			
Steel	Cr-Mo Steel	SCM415H, SCM420H, SCM420HD, SCM440H, SCMH1ST, SCMH1M			
Boror	Steel	SAE10B38M2			
Micro Alloy Steel		S40CVS, S45CVMN, 15V24, S30CVT	S43MNVF, S25CVMNS, 38MNSIVS5		

DIMENSIONS AND WEIGHT

Dia (mm)	25 ~ 34	35 ~ 42	45 ~ 55	58 ~ 75	80 ~ 105	110 ~ 160
Unit Weight (kg/m)	3.85 ~ 7.31	7.55 ~ 10.9	12.5 ~ 18.7	20.7 ~ 34.7	39.5 ~ 68.0	74.6 ~ 158

^{*}Other diameters could be possible after consultation.

10 11

RUTOMOTIVE STEEL OF HYUNDRI STEEL COMPRNY

GLOBAL NETWORK



DOMESTIC NETWORK

DANGJIN INTEGRATED STEEL WORKS

167-32 GODAE-RI, SONGAK-EUP, DANGJIN, CHUNGCHEONGNAM-DO, KOREA TEL: 82-41-680-0114 FAX: 82-41-680-1199

INCHEON WORKS

1-10 SONGHYEON-DONG, DONG-GU, INCHEON, KOREA TEL: 82-32-760-2114 FAX: 82-32-763-5046

POHANG WORKS

444 SONGNAE-DONG, NAM-GU, POHANG, GYEONGSANGBUK-DO, KOREA TEL: 82-54-271-1114 FAX: 82-54-271-1241

SEOUL OFFICE

231 YANGJAE-DONG, SEOCHO-GU, SEOUL, KOREA TEL: 82-2-3464-6114 FAX: 82-2-3464-6100

SEOUL SALES OFFICE

6 SINMUNRO 2-GA, JONGNO-GU, SEOUL, KOREA TEL: 82-2-772-2098 FAX: 82-2-772-2109, 2091

BUSAN SALES TEAM

FAX: 82-51-329-7248

11TH FL., 1106 BYEOKSAN DIGITAL VALLEY, 132-7 GAMJEON 2-DONG, SASANG-GU, BUSAN, KOREA TEL: 82-51-329-7235

DAEGU SALES TEAM

8TH FL., GYOBO LIFE BUILDING, 1 SUSEONG 2-GA, SUSEONG-GU, DAEGU, KOREA TEL: 82-53-745-1871~4 FAX: 82-53-745-1875

GWANGJU SALES TEAM

5TH FL., 501 SANGGONGHOIEUSO, 652-1 NONGSEONG 2-DONG, SEO-GU, GWANGJU, KOREA TEL: 82-62-351-8404~7 FAX: 82-62-351-8644



OVERSERS NETWORK

L.A (U.S.A)

10550 TALBERT AVENUE, FOUNTAIN VALLEY, CA 92728, U.S.A TEL: 1-714-594-1699 FAX: 1-714-594-1636

FRANKFURT (GERMANY)

KAISERLE IPROMENADE 563067 OFFENBACH, GERMANY TEL: 49-69-271472-781, 783, 788 FAX: 49-69-271472-798

DUBAI (U.A.E)

OFFICE #2204, JAFZA VIEW 18 DUBAI, U.A.E P.O. BOX NO. 263190 TEL: 971-4-884-8138 FAX: 971-4-885-7666

NEW DELHI (INDIA)

#102, RECTANGLE 1, D-4, DISTRICTCENTRE, SAKET, NEW DELHI-110017 TEL: 91-11-4611-5231, 4108-7195 FAX: 91-11-4611-5230

SINGAPORE

152 BEACH ROAD, #11-02 GATEWAY EAST, SINGAPORE 189721 TEL: 65-6341-5080~1 FAX: 65-6293-5083

HANOI (VIETNAM)

ROOM #601, ICT BUILDING, 10/81 LINH LANG STREET, HANOI, VIETNAM TEL: 84-4-3946-1065 FAX: 84-4-3946-1064

HONG KONG (CHINA)

ROOM #6, UNITS NOS 1212-1215, 12F THE METROPOLIS TOWER NO.10 METROPOLIS DRIVE HUNGHOM, KOWLOON, HONG KONG TEL: 852-3162-5313 FAX: 852-3162-5315

QINGDAO FACTORY (CHINA)

TWO AREA OF JIAOZHOUWAN INDUSTRY PARK, QINGDAO, SHANDONG, CHINA TEL: 86-532-8727-3818 FAX: 86-532-8727-3816

BEIJING (CHINA)

ROOM #1603, XIAN DAI QI CHE DA SHA #38 XIAO YUN ROAD, CHAO YANG, BEIJING, CHINA TEL: 86-10-8453-9228~9 FAX: 86-10-6467-0706

TOKYO (JAPAN)

SHUWA SANBANCHO BUILDING 3F, 28 SANBANCHO, CHIYODA-KU, TOKYO 102-0075, JAPAN TEL: 81-3-5211-4410, 4412 FAX: 81-3-5211-4413

BRISBANE (AUSTRALIA)

LEVEL 36 RIPARIAN PLAZA. 71 EAGLE ST. BRISBANE QLD 4000, AUSTRALIA TEL: 61-7-3121-3351



