

Steel Manufacturing Equipment Project Experiences

II. Main Business

Major Customers



HYUNDAI
STEEL

NIPPON STEEL

DX DONGKUK STEEL

posco
E&C

Sahaviriya
Steel

HYUNDAI
Rotem

SY5
SIAM YAMATO STEEL

MITSUBISHI
HEAVY INDUSTRIES

DANIELI

III. Major Projects In Iron & Steel Mills

Plant and Equipment Supply Projects for Iron and Steel Mills

No	Equipment / Specification	Qty
1	Roll Chock (400 Ton)	120 Sets
2	Apron Assembly	5 Set
3	Segment Assembly / Beam Blank	7 Set
4	200 Ton Cold Shear	1 Set
5	Segment Assembly / 80 Ton	10 Set
6	200 Ton Laminated Hook Assembly	3 Set
7	Large Rolling Manipulator Straight Edge	1 Set
8	Pocket Calibration Plate Bars	46 EA
9	Bars Binding R/T replacement work	1 Set
10	BB220 only body Dummy Bar Assembly	1 Set
11	150T Hook Assembly	3 Set
12	Hot Charge Conveyor Assembly	1 Set
13	80 Ton Electric Arc Furnace Replacement	1 Set
14	B HRC B.U.R Chock Assembly	28 Set
15	Medium rolling Grip Tilter Assembly	1 Set
16	Large Rolling Centering Device Assembly	1 Set
17	Roughing Stand Assembly	1 Set
18	Plant refurbishment reinforced Square out	1 Set
19	100T Bloom Segment Assembly	1 Set
20	Modifications Electromagnetic Break Mold Frame	8 Set
21	V-Roll Chock Assembly	Set
22	Connecting Rod Assembly	4 Set
23	Strand cooling for renovations	Set
24	Cross Traverser	Set
25	120T BB250 Segment	6 Set
26	Down Coiler Renovations	Set
27	Laminated Hook Assembly	1 Set
28	V1 Side Guide Assembly	1 Set

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Plant and Equipment Supply Projects for Iron and Steel Mills

No	Equipment / Specification	Qty
29	Roller Table Guide Apron	5 Sets
30	Mill Line Table Gear Box Upgrade	1 Set
31	Slab Segment	Set
32	Run-Out Chain Transfer	52 Set
33	Roche and tilting on the 150T Furnace Replacement	Set
34	Crop Removal System	3 Set
38	RTM Centering Device Assembly	1 Set
39	120T BB Segment Assembly	4 Set
40	Down Coiler and installation	Set
41	80T BB3644 Segment	23 set
42	80T Steel Gantry & Master	1 Set
43	Roll Chock Assembly	8 Set
44	Hot Leveller Frame Assembly	Set
45	No.2 Segment Repair	6 Set
46	Mold Cover (Steel Agency)	1 EA
47	Back Up Roll Jig Production	Set
48	Large Rolling B / D Spindle Assembly	1 Set
49	Factory Machinery Productions Playing II	Set
50	100T Gantry Beam Assembly	1 Set
51	Work Roll Chock	Set
52	Entry Roller Table Bars	Set
53	Rolling Mill Coil Box	Set
54	Stainless Steel Beam Oxygen Production Plant	Set
55	Continuous Casting Spare Components	Set
56	Slab Cutting M/G Roller Table	Set
57	Steel Plate Bearing Block	Set
58	Roll Chock	Set
59	Sintering Crusher Roll Assembly	Set

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No	Equipment / Specification	Qty
60	Finishing Mill ORP	Set
61	Spindle Bearing Assembly	1 Set
62	120T NO.1,2 Segment Assembly	2 Set
63	F1, F2-F4 Entry Side Guide Assembly	Set
64	Bur Sledge	Set
65	Slab Segment, Mold Frame	Set
66	Anvil Slider Assembly	Set
67	Finishing Mill Spindle Wobbler	Set
68	H/L Cassette Assembly	
69	Other SPM Entry Sideguide	Set
70	Other Hot Rolled C-Chain Conveyor	Set
71	Mold Cleaner	Set
72	Chain Conveyor Roller Table Bars	Set
73	100T Steel EMS Mold & Foot Roll	6 Set
74	A hot-rolling steel-CSP Segment No.1 Assembly	1 Set
75	S-SPM Bur Chock Assembly	4 Set
76	620BB Segment No.3 Assembly	2 Set
77	Casting Bow	18 Set
78	4 C Sintered Coke Production Roll Peel (Upper)	8 Ea
79	A Steel-wheeled Rail Fabrication	1 Set
80	A HRC-SPM Flattener Revamping	Set
81	B HRC-Finishing Mill Side Guide Assembly	Set
82	C Sintering - Cork Two Roll Crusher	Set
83	C-Plates Feed Roll Assembly	1 Set
84	Medium Steel 120 tons Segment (250BB) No.1, No.2 Assembly Production	2 Set
85	FUM Large Rolling Front Tilting Roller Table Object Construction	Set
86	100T Lance Manipulator	1 Set

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No	Equipment / Specification	Qty
87	Mold Cleaner Roll Manufacturing Unit	1 Set
88	Tandem Cold Mill Parts	Set
89	R1 Mill Spindle & Carrier	Set
90	Silencer Oxygen Production Plant	Set
91	System Swivel Bearing	1 Set
92	Shear Line Roller Table	Set
93	Medium C / M Mill Production Stand	1 Set
94	Medium Rolling Loading Bed Turning Device	Set
95	C Hot-Rolled Production Finishing Mill Leveller Roll Assembly	3 Set
96	B HRC-Finishing Mill Side Guide Assembly	Set
97	Plates Chock & Wobbler	Set
98	C Plates Stripper Assembly	Set
99	B Hot-Rolled Production Finishing Mill ORP Frame Assembly	Set
100	C Sinter-mix Production Pinion Gear-Grith	1 Set
101	A Steel-CSP Segment No.1 Assembly Production	1 Set
102	Two Plates Turn Table Roll	8 EA
103	Plates Work Roll Chock Assembly	Set
104	Large Steel 80Ton 2 Point Unbending	Set
105	Large Steel Production 80Ton 270mm x 400mm Segment Assembly	3 Set
106	Slide Plate & Wheel	6 Kinds
107	Mold & Oscillator Production	Set
108	Finishing Mill Front and Rear Reinforcement Refurbishment	1 Set
109	Work Roll Changing Device	Set
110	Upgrade Project of Large Rolling Quenching Self-Tempering System	1 Line
111	Large Rolling Spindle Assembly	2 Set
112	100Ton Tundish	4 Set
113	100Ton Mold Jacket Assembly	3 Set

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No	Equipment / Specification	Qty
114	Cold Rolling Saw Table	Set
115	100Ton BB Segment Assembly	2 Set
116	C Plates – Heated to Defiler Roll Table Expansion	1 Line
117	A Hot-Rolled - # 2 Skin Pass Mill (SPM) Backup Roll Chock	1 Set
118	Continuous Strip Plant Segment No.1 Assembly	1 Set
119	C Plates Tilter Production & Installation	1 Line
120	C plates –Finishing Mill Guide Assembly	2 Set
121	C Hot-Rolled Production -R2 Feed Roller & Stripper Assembly	1 Set
122	C-1 Plate Irrigator Roller Table Extension, Ltd.	1 Line
123	Large Steel 70T 620 BB No.1 + 3 Segment Assembly Production	1 Set Ea
124	80 Tons 270mm x 400mm Segment No.1 + 2 Assembly Production	2 Set
125	Stainless Steel Cooling Bed	Set
126	Roughing and Finishing Train	Set
127	Dummy Bar Chain, Head and Makeshift	Set
128	System Crank Shaft & Screw Set	2 Types
129	Medium Steel Production BL2025 Segment Assembly	6 Set
130	2 CR - # 2 CGL BUR, Work Roll Chock Production	1 Set
131	Break Down Mill Feed Roller Assembly	1 Set
132	B-rolled Production – Finishing Mill ORP Frame Assembly	2 Set
133	C-1 Wearing Plate Line Flatness Measurement Systems Mechanical Installation	1 Set
134	Large Rolling RTM Investment – Vertical Cross Yoke	1 Set
135	Plates Braces Press Roll Table	Set
136	Mould Oscillator	Set
137	Steel Transfer Line	Set
138	Hot Strip Mill Frame Car Assembly	Set
139	3 CGL Cold Rolling Plant Entry and Exit Coil Car	Set

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No	Equipment / Specification	Qty
140	3 CGL Cold Rolled Louper Car	Set
141	Slab Unloading Facility	Set
142	3 CGL Roll Changing Device	1 Set (4 pc)
143	Chock & Mandrel Segment	1 Set
144	3 CGL Roll Changing Device	1 Set (4 pc)
145	Crank Shaft & Pendulum Frame	4 Set
146	Correcting Machine Guide Bar	850 Ea
147	Finishing Mill ORP Assembly	1 Set
148	Finish Scale Brake Frame Assembly	1 Set
149	Hot Strip Rolling Mill Walking Beam Conveyor	1 Set
150	R2 Table Frame Assembly	1 Set
151	Slab Unloading Facility	1 Set
152	Electric Furnace Turning Wheel & Turning Rail	1 Set
153	100Ton BB500 Segment & Mold Jacket	6 Set
154	Grip Tilter Assembly	1 Set
155	120Ton LF Electrode Mast / Ceiling Mast	1 Set



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