Regency Steel Japan

Regency Steel Japan Limited

Company Profile

Corporate Profile

Name	Regency Steel Japan Limited
Date of Establishment	December, 2004
Date of Beginning Operation	January, 2005
Common Stock	JPY 100,000,000
Shareholders and the Investment Ratio	FELS Offshore Pte. Ltd. 51% Mitsui & Co., Ltd. 44% Nippon Steel Corporation 5%
Number of Employees	72 (as of 1st Mar 2026)
Representative	Sia, Wee Wah - President and Chief Executive Officer
Executive Vice President	Hachiya Osamu
Nonexecutive Directors	Cheng, Chien Meng Winston Chang, Tanna Komaki, Naota
Auditor	Lee, Soon Wee

Major Business Area

Offshore

Rack and Chord for Jack-Up Rig

Rack & Chord made by our company is used on Jack-Up Rigs that operate in the major sea areas in the world.

Steel Plant

Our fabrication skill is inherited from our former company of Nippon Steel Corporation, and it has been highly esteemed from many customers.
There are many fabrication and supply records of extra-large welded structures such as blast furnaces and converters to major domestic steel makers.

Steel Pipes and Tubes for Structure

Steel pipes for structures are fabricated with our large bending roll and pressing machines. RSJ is one of few domestic companies able to fabricate bending over 100mm thickness steel plate. This valued skill is used for Tokyo Sky Tree and Tokyo International Airport (Haneda) D-runway jacket.

Heat Treatment

Our heat treatment facilities - furnace and cooling bath - are capable of variety of heat treatment such as extra-thick material and large welded structures.

Quality Policy “Commitment to Quality”

The quality mission of Regency Steel Japan Limited is to achieve customer satisfaction by promoting continuous quality improvement in our product and application of technology and expertise to enable effective and efficient operation.

- Striving even harder for better quality products
- Concentration of technology and expertise
- Operational effectiveness and efficiency
- Committing to the continual improvement

JIS Certificate

Certification No.	QA818001
Registered Certification Body	JIC Quality Assurance Ltd. (JICQA)
Date of Certification	8th January, 2019
Scope of Certification	JIS number, and designation of Products/Processing technologies

JIS number	Type or grade		
JIS A 5525 Steel pipe piles	SKK400	SKK490	-
JIS G 3444 Carbon steel tubes for general structure	STK290 STK500	STK400 STK540	STK490

Other Matters

1) Production method	Arc welded steel pipe (Bending rolled pipe)
2) Outer diameter	Φ1,400mm～2,700mm
3) Plate thickness	16mm～50mm

・For JIS A 5525, as an attachment, lifting metal hook can be installed as per instructions from the buyer.

・JIS certified scope is as stated above, however, general steel pipe’ manufacturable range is different. Please refer to “Bending Roll Pipe Bending Capacity”.

RSJ Core Values

RSJ will be a global leader in the manufacturing and solution provider of treating high end steel products, known internationally.

Core Values

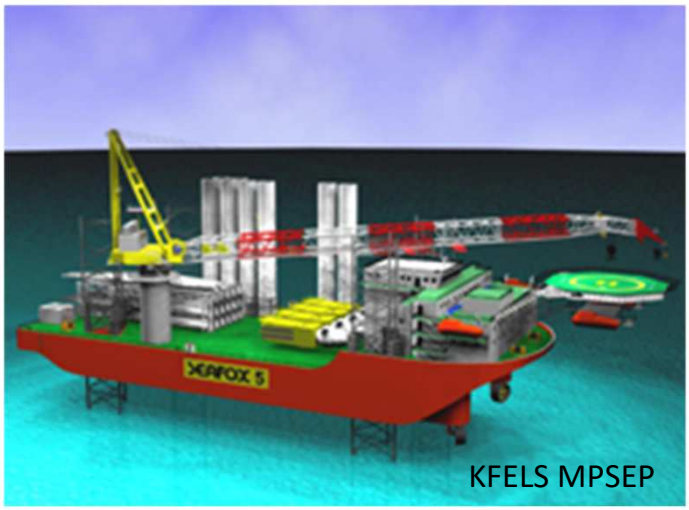
"Passion"	Can Do
"Safety"	Uphold high Safety Standards
"Integrity"	Ethics, Honesty, and Responsibility
"Customers Focus"	Value added Solutions (On time and Within Budget)
"People Centredness"	Value and Nurture People
"Agility and Innovativeness"	Adapt to Change and Innovate for Growth
"Accountability"	Responsible to all Stakeholders
"Collective Strength"	Global Mindset and Teamwork
"Commitment to quality"	Maintain high quality standard

Regency Steel Japan Limited (RSJ) is a joint venture company between FELS Offshore Pte. Ltd. of Singapore and Mitsui Bussan Steel Trade Co., Ltd. established in December, 2004. (In 2010, Mitsui & Co., Ltd. acquired shares from Mitsui Bussan Steel Trade Co. Ltd.) In June 2009, RSJ welcomed our third party shareholder, Nippon Steel Corporation.

As a leading company of Rack & Chord for Jack-Up rigs which is used for drilling in offshore oil fields and gas fields in the world. RSJ is well positioned in the field of offshore structure and steel making facility such as large welded structure and extra-thick special pipe. In addition to that, RSJ has been expanding heat treatment business in recent years.

In addition to our previous manufacturing system, it has been able to establish a strong strengthening productions by Nippon Steel's capital participation. RSJ will promise to work on product manufacture for our customers` satisfaction as never before.

Track Records
Rack and Chord (Major Jack-Up Rig Design)



KFELS B Class	
Leg Length	517 ft
Rack Thickness	177.8 mm
Chord Thickness	57.15 mm
Max Water Depth	400 ft
Max Drilling Depth	30,000 ft
Material Name	EQ70

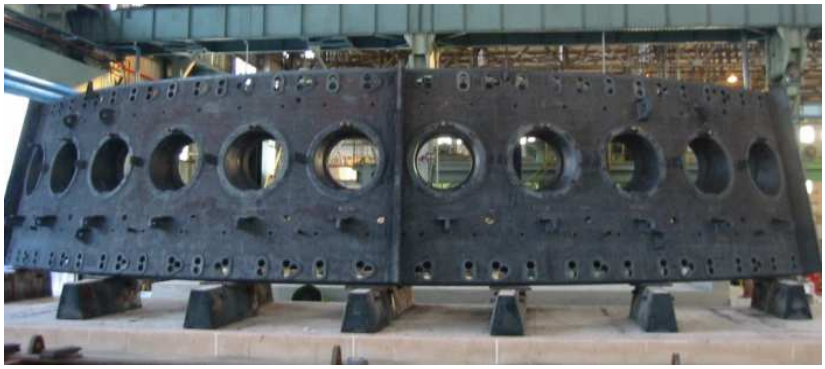
KFELS N Class	
Leg Length	568 ft
Rack Thickness	177.8 mm
Chord Thickness	82.55 mm, 110 mm, 115 mm
Max Water Depth	400 ~ 500 ft
Max Drilling Depth	35,000 ft
Material Name	WEL-TEN780Mod-040

KFELS Multi-Purpose Self-Elevating Platform (MPSEP)	
Leg Length	348 ft
Rack Thickness	177.8 mm
Chord Thickness	57.15 mm, 82.55 mm
Max Water Depth	213 ft
Material Name	WEL-TEN780Mod-040

MSC CJ70-X150-MD	
Leg Length	678 ft
Rack Thickness	210.0 mm
Chord Thickness	62.5 mm, 82.5 mm, 95.0 mm, 120.0 mm
Max Water Depth	492 ft
Max Drilling Depth	40,000 ft
Material Name	WEL-TEN780Mod-060

Track Records -Large Welded Structure for Steel Making Facility-

Blast Furnace Tuyere Mantel



Blast Furnace Mantel

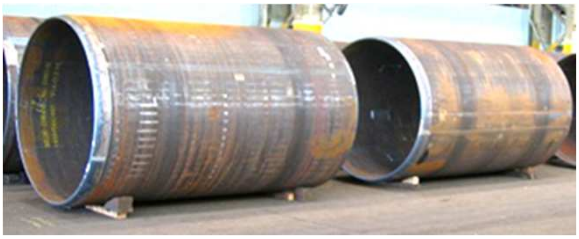
Steel Converter

Hot Stove Furnace

Hearth Roll for Continuous Annealing Equipment (CAPL)

Track Records - Extra Thick Large Diameter Pipe -

Steel Pipe for Tokyo Int'l Airport (Haneda)



Specification	SM570-Z25S
TS	570 ～ 720 N/㎟
YP	≧ 420 N/㎟
T :	18 ～ 70 mm
OD :	1,000 mm
L :	21,000 mm (max)

Steel Pipe for Tokyo Skytree

Size		
T	36 ～ 100 mm	
OD	1,100 ～ 2,300 mm	
L	10,000 mm (max)	

Specification	BT-HT500C	BT-HT630B
TS	590 ～ 740 N/㎟	780～ 930 N/㎟
YP	500 ～ 650 N/㎟	630～ 750 N/㎟

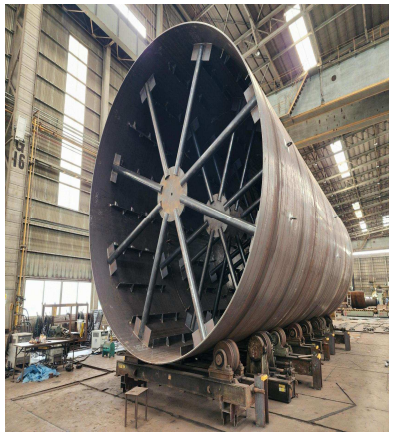
Center Pole for skwid (Floating Wind & Current Hybrid Power Generation)

Specification	SBHS700W
TS	780 ～ 930 N/㎟
YP	≧ 700 N/㎟
T :	11 ～ 75 mm
OD :	1,800 mm
L :	30,500 mm (max)

Track Records - Others -

Spherical Shell Tank for LNG Vessel (Aluminum)

Rotary Kiln



Major Facilities – Cutting Machine –

NC Gas / Plasma Cutting Machine

Band Saw

Facility	Q'ty	Capacity etc.
NC gas / plasma cutting machine	2	Maximum Thickness 250 x 10,000 x 54,000 (mm) ① Gas torch 8, Plasma torch 2 ② Gas torch 6, Plasma torch 2
Band saw	2	Cutting size (mm) W 800 x H 410
Eye-tracer	1	Number of torches : 6 Plate T 6~400 x W 2,500 x L 7,850 mm Maximum size 2,000 x 2,000 mm

Major Facilities – Heat Treatment –

Heat Treatment Furnace

Cooling Operation

Heat treated Chord plate

Heat Treatment Furnace	No.1 Furnace	No.2 Furnace
Starting Operation	July, 2007	April, 2008
Quantity	1	1
Effective working zone of heating equipment	L 15,000 mm W 4,000 mm H 3,500 mm	L 11,000 mm W 4,000 mm H 900 mm
Maximum heating temperature	1,100 ℃	1,100 ℃

Cooling Bath	
Starting Operation	July, 2007
Quantity	1
Effective working zone of cooling equipment	L 11,000 mm W 3,000 mm D 4,000 mm
With 2 cooling towers	

Major Facilities – Pressing Machine –

10,000 ton Pressing Machine

3,000ton Pressing Machine

1,500ton Pressing Machine

Pressing Machine	10,000 ton	3,000 ton	1,500 ton
Starting operation	October, 2007	June, 2011	March, 2012
Quantity	1	1	1
Type	Straight-side	Four Column	Four Column
Nominal force	100,000kN	30,000 kN	15,000 kN
Maximum stroke	1,500 mm	1,200 mm	1,200 mm
Daylight	2,500 mm	3,000 mm	3,000 mm
Bed dimensions	10,200 x 1,700 mm	5,000 x 2,500 mm	5,000 x 3,500 mm
Slide dimensions	10,000 x 1,800 mm	5,000 x 2,000 mm	5,000 x 2,000 mm

And 600 ton & 200 ton

Major Facilities – Bending Roll –

Small Bending Roll

Large Bending Roll

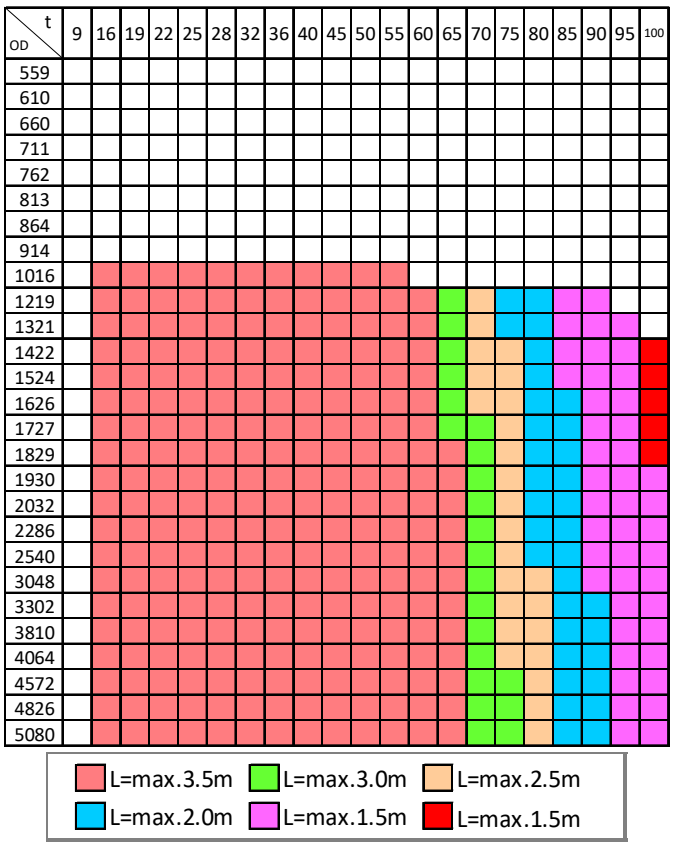
Bending Operation by Large Bending Roll

Bending Roll	Small	Large
Starting operation	July, 2011	April, 1976
Quantity	1	1
Nominal force	12,000 kN	22,000 kN
Maximum Thickness	Cylinder bending：85 mm (at OD 2,000, at w=2,000 mm) Edge bending：60 mm (at OD 2,200, at w=3,500 mm)	Cylinder bending：130 mm (at OD 3,000, at w=3,000 mm)
Minimum Bending	ID 900 mm	ID 1,400 mm
Maximum Width	3,500 mm	5,000 mm
Others	With edge bending & conic bending function	-

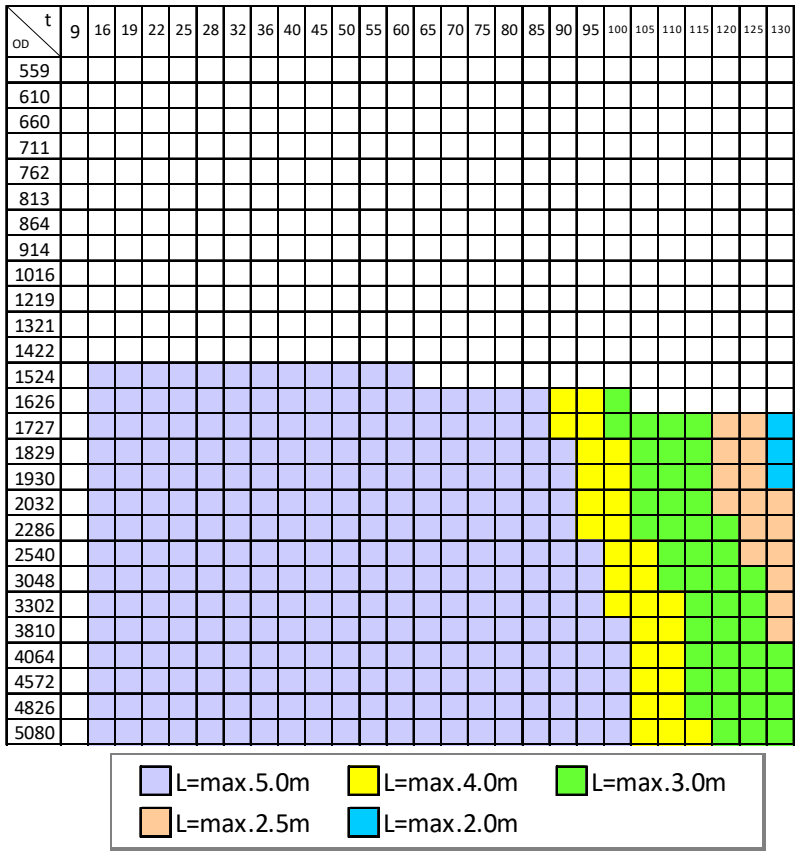
※ The bendable plate thickness varies depending on the material, diameter, length, etc. of the steel pipe, so please contact us for details.

SS400 at YS 32kg/mm2

Small Bending Roll Bending Capacity

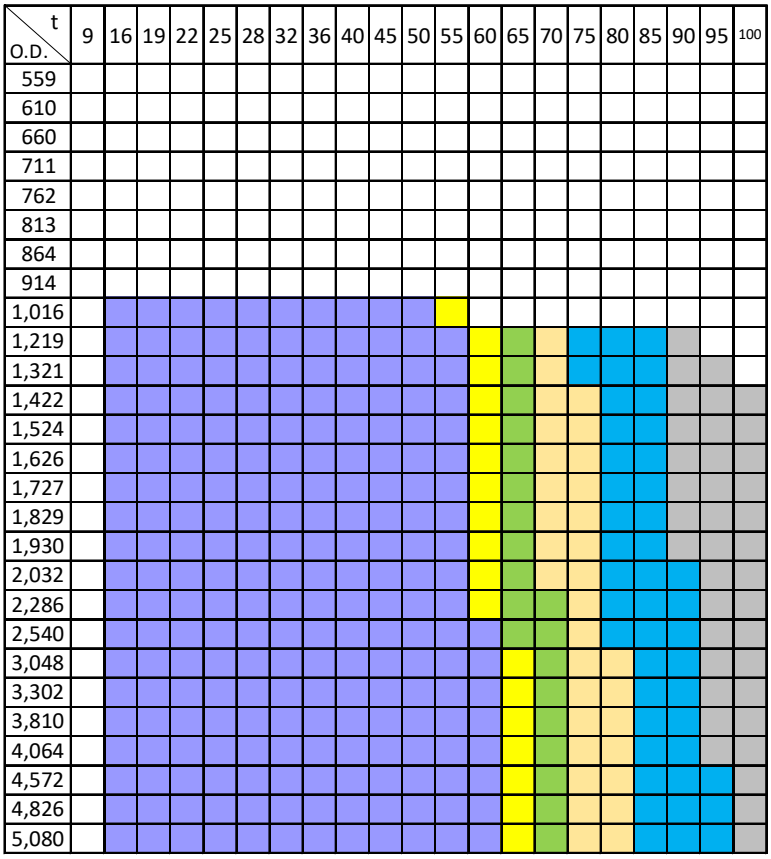


Large Bending Roll Bending Capacity

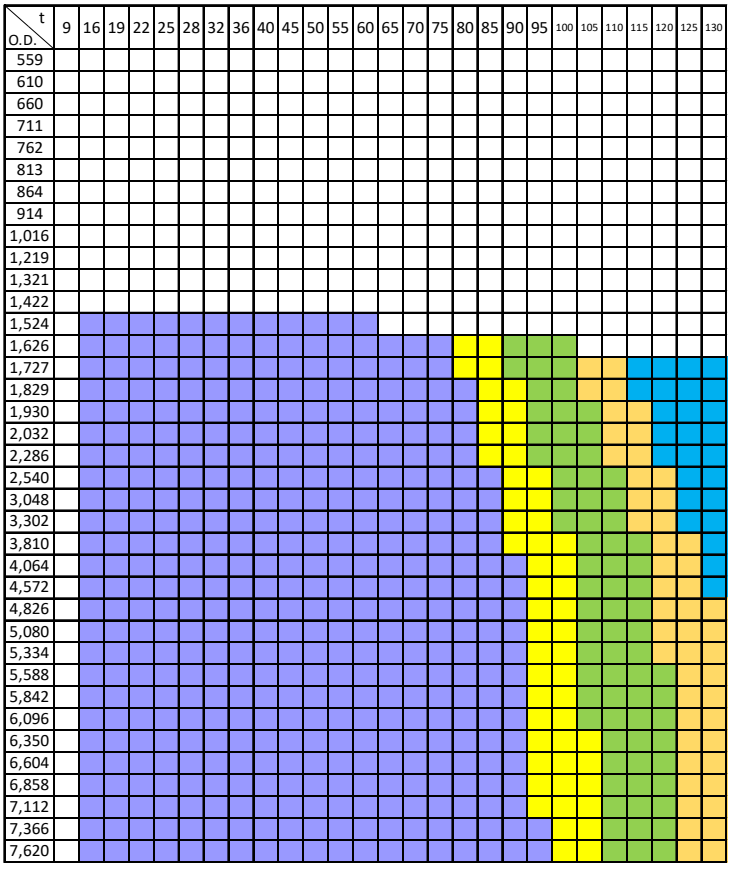


SM490 at YS 40kg/mm2

Small Bending Roll Bending Capacity



Large Bending Roll Bending Capacity



※About sizes near boundary, please contact us for detailed examination.

Major Facilities – Machining –

Vertical Boring and Turning Mill

Vertical Boring and Turning Mill (NC Machine)	
Starting operation	March, 1972
Quantity	1
Table Diameter	Φ 6,300 ㎜
Maximum Milling Diameter	Φ 11,200 ㎜
Minimum Milling Diameter	Φ 800 ㎜
Maximum Milling Height	3,600 ㎜
Load Weight (≦5rpm)	120 Ton
Load Weight (≦20rpm)	50 Ton
Table Drive Motor	AC 120 kw
Manufacturer	SKODA

Small Boring Machine

Large Boring Machine

Boring Machine (NC Machine)	Small	Large
Starting Operation	October, 1989	April, 1985
Quantity	1	1
Milling Spindle Diameter	Φ 340 ㎜	Φ 320 ㎜
Ram Size	—	600 x 700 ㎜
Spindle Diameter	Φ 130 ㎜	Φ 210 ㎜
Quill Stroke	450㎜～1,000㎜	1,500 ㎜
Column Stroke (X)	7,500 ㎜	14,000 ㎜
Spindle Head Vertical Stroke (Y)	3,500 ㎜	5,000 ㎜
Spindle Head Drive Motor	VAC 22kw (Continuous) VAC 30kw (30 minutes)	AC 75 kw
Manufacturer	TOSHIBA MACHINE	TOSHIBA MACHINE

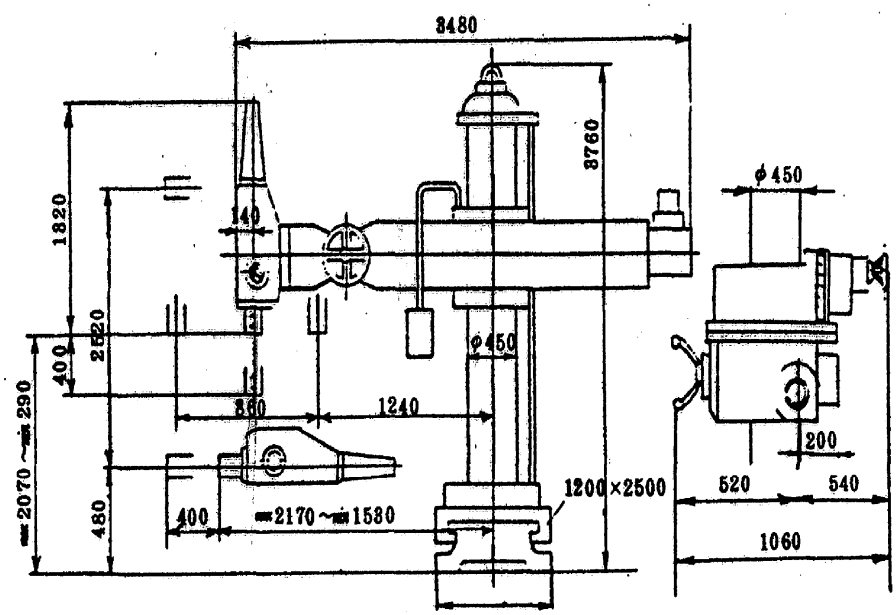
Major Facilities – Machining –

Large-sized Plano Miller
(5-face milling machines)

Large-sized Plano Miller(5-face milling machines) ※With universal head

Clearance Between Columns	5,030 mm
Maximum Distance Between Tabletop To Vertical Spindle Nose	4,100 mm
Table Width	4,530 mm
Table Length	14,020 mm
Maximum Table Loading Capacity	270,000 kgf
Cross Travel of Table (X-axis)	13,650 mm
Headstock Travel (Y-axis)	6,930 mm
Ram Travel (Z-axis)	2,300 mm
Cross rail travel (W-axis)	3,000 mm

Portable Universal
Radial Drilling Machine



Major Facilities – Others -

Straightening Machine


Rack & Chord Automatic Welding Machine


Grid Blast Equipment

16tonForklift

Facility	Q'ty	Capacity etc.
Straightening machine	1	Nominal Force: 2,000~10,000 kN, Stroke 1,000 mm Area of ram head: 1,200 x 1,200 mm Daylight: 1,500 mm
Overhead crane	14	B-Line: 3 (20 ton), C-Line: 3 (20 ton) D-Line: 3 (20 ton), E-Line: 1 (30 ton), G-Line: 2 (55 ton) M-Line : 2 (110 ton , 150 ton)
Grid blast equipment	1	Size of blasting room (mm) L 12,000 x W 8,560 x H 6,000
CO_2 Semi-automatic Welding Machine	107	600 A / 500A / 350 A
Submerged Arc Welding Machine	7	With manipulator : 5 / Carriage type : 2
Rack & Chord Automatic Welding Machine	4	Boom travelling distance : 2,500 mm Carriage travelling distance : 25 m
Forklift	3	24 ton / 16 ton / 6 ton
Wall Crane	9	C-Line: 2 (2.8 ton), D-Line: 2 (2.8 ton), G-Line: 2 (2.8 ton) & 3 (5 ton)

Location

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