

Chiba Works

Located in the Keiyo Industrial Zone on the outskirts of the Tokyo metropolitan area, the Chiba Works is the first coastal integrated steelmaking facility in Japan after the Second World War. The site covers about 8.7 million square meters.

As part of Kawasaki Steel's long-term vision, the Chiba Works was modernized to meet the high-level and diverse needs of clients and to make operations more resource- and manpower-efficient as possible. The Chiba Works is Kawasaki Steel's internationally competitive facility of the 21st century.

Main Products:

Hot-rolled sheets and strips, Cold-rolled sheets and strips, Stainless steel sheets and strips, Coated steel sheets and strips, UOE pipes, Iron powders and Flux.

Major Facilities:

Facility	Inner volume
No.5 Blast furnace	2,584 m ³
No.6 Blast furnace	5,153 m ³

Facility	Capacity (x Number of furnaces)	
Converter	280 tons/run (x 2)	No.3 steelmaking shop
Converter	185 tons/run (x 2)	No.4 steelmaking shop

Facility	Type	Capacity
No.3 continuous casting machine	2-strand, perpendicular and curved	3,793,000 tons/year
No.4 continuous casting machine	1-strand, perpendicular and curved	900,000 tons/year

Facility	Roll width	Capacity
No.3 Hot-strip mill	2,032 mm	5,400,000 tons/year
No.2 Cold-strip mill	1,422 mm	930,000 tons/year
No.3 Cold-strip mill	1,800 mm	1,600,000 tons/year
Double cold reduction mill	1,245 mm	180,000 tons/year
Stainless steel cold mill	1,700 mm	132,000 tons/year
No.1 continuous annealing line		300,000 tons/year
No.2 continuous annealing line		360,000 tons/year
No.3 continuous annealing line		1,020,000 tons/year
No.4 continuous annealing line		560,000 tons/year
No.2 continuous galvanizing line		360,000 tons/year
No.3 continuous galvanizing line		228,000 tons/year
Continuous electrolytic galvanizing line		300,000 tons/year
No.1 electrolytic tinning line		120,000 tons/year
No.2 electrolytic tinning line		240,000 tons/year
Continuous chromium plating line		180,000 tons/year
Large-diameter steel pipe plant		480,000 tons/year
Flux plant		7,200 tons/year
Iron powder plant		60,000 tons/year
Sendzimir Mill (at Nishinomiya, Hyogo)		126,000 tons/year

Mizushima Works

Boasting state-of-the-art facilities and technologies, the Mizushima Works is the domestic steel industry's finest steelworks. On about 11.3 million square meters of land, the Mizushima Works occupies half of the waterfront Mizushima Industrial Zone. As Kawasaki Steel's showcase steelmaking facility, the Mizushima Works boasts the world's most highly efficient manufacturing systems and brings to customers a diverse range of products.

Main Products:

Plates, Hot-rolled sheets and strips, Cold-rolled sheets and strips,
Galvanized sheets, Coated sheets, Electrical sheets, Shapes, Sheet piling,
Wire rods, Bars, Forgings and Welding rods.

Major Facilities:

Facility	Inner volume
No.2 Blast furnace	2,857 m ³
No.3 Blast furnace	4,359 m ³
No.4 Blast furnace	5,005 m ³

Facility	Capacity (x Number of furnaces)
Basic oxygen furnace	180 tons/run (x 3)
Basic oxygen furnace	250 tons/run (x 3)
Electric furnace	30 tons/run (x 1)

Facility	Type	Capacity
Slabbing mill	universal	1,500,000 tons/year
No.2 continuous casting machine	2-strand, curved	1,160,000 tons/year
No.3 continuous casting machine	4-strand, curved	1,649,000 tons/year
No.4 continuous casting machine	2-stand, perpendicular and curved	4,107,000 tons/year
No.6 continuous casting machine	2-strand, perpendicular and curved	2,280,000 tons/year

Facility	Roll width	Capacity
Plate mill	5,490 mm	2,040,000 tons/year
Hot-strip mill	2,300 mm	4,995,000 tons/year
Cold-strip mill	1,730 mm	1,848,000 tons/year
No.1 continuous annealing line		964,000 tons/year
No.2 continuous annealing line		960,000 tons/year
No.2 electrolytic galvanizing line		300,000 tons/year
Continuous galvanizing line		360,000 tons/year
Multipurpose coating line		175,000 tons/year
Electrical steel mill		450,000 tons/year
Billet mill		1,440,000 tons/year
Wide flange beam mill		960,000 tons/year
Wire rod and bar mil		480,000 tons/year
Forging plant		20,400 tons/year
Casting plant		60,000 tons/year
Welding electrode mill		34,300 tons/year

Chita Works

The Chita Works, situated on some 1.8 million square meters, produces a range of pipe products in various sizes and for different applications. Included among the many products are pipes for oil wells, pipelines and building and automotive-use materials. Stainless steel pipes are also produced here. The Chita Works is a world-class specialist in pipemaking and its multifaceted production system is characterized by high-level techniques. Already a forerunner in leading-edge technologies, the Chita Works strives to meet the varied and sophisticated needs of customers with excellent products.

Main Products:

Electric-resistance-welded pipes, Spiral pipes, Seamless pipes, Butt-welded pipes, Square pipes, Polyethylene-coated pipes, Castings, Blanks and Flexible pipes.

Major Facilities:

Facility	Group number	Capacity
Electric furnace	1	15 tons/run
Low frequency Induction	3	71 tons/run
High frequency Induction	1	2 tons/run
No.1 medium-diameter electric-resistance-welded pipe mill	1	240,000 tons/year
No.2 medium-diameter electric-resistance-welded pipe mill	1	300,000 tons/year (including square pipes)
Small-diameter, electric-resistance-welded pipe mill	2	156,000 tons/year
Spiral pipe mill	2	146,000 tons/year
Small-diameter seamless pipe mill	1	444,000 tons/year
Medium-diameter seamless pipe mill	1	468,000 tons/year
Small-diameter, coated pipe mill	1	72,000 tons/year
Medium-diameter, coated pipe mill	1	66,000 tons/year
Iron and Steel casting plant	1	12,200 tons/year
Special pipe mill	1	70,800 tons/year
Flexible pipe production equipment	1	3,000,000 meters/year
HISTORY steel tube mill	1	167,000 tons/year