

Product	Specification(mm)	Grade	Standard	Image
Hot Rolling Coil/Strip	(2.5-12.0)x(≤2000)	Gr.1, Gr.2, Gr.3, Gr.4, Gr.12, Gr.23	ASTM, ASME,	
Cold Rolling Coil/Strip	(0.1-3.0)x(≤1530)	Gr.1, Gr.2, Gr.3, Gr.4, Gr.12, Gr.23	ASTM, ASME,	
Clad Coil	(1.5-4)x(500-1200)xL	Ti: Gr.1 Al: 1050, 1060, 3003 Ss: 304, 430	Company Spec	
Sheet	(0.3-4.0)x(500-1200)xL	Gr.1, Gr.2, Gr.3, Gr.4, Gr.6, Gr.7, Gr.12, Gr.5	ASTM, ASME, AMS, MIL, DMS, TA, AWS, JIS	
Plate	(40-120)x(800-2250)xL	Gr.1, Gr.2, Gr.3, Gr.4, Gr.6, Gr.7, Gr.12, Gr.5,	ASTM, ASME, AMS, MIL, DMS, TA, AWS, JIS	
Forging	Unit Weights:3000kg	Gr.1, Gr.2, Gr.3, Gr.4, Gr.6, Gr.12, Gr.5, C.P.Ti, Gr.11, Gr.17, Ti-6Al-4V ELI, Ti662, Ti6242, Ti6246, Ti62222s, Ti1023	ASTM, ASME, AMS, MIL, DMS	
Billet, Bar & Rod	Φ (5-400) x L	Gr.1, Gr.2, Gr.3, Gr.4, Gr.6, Gr.12, Gr.5, C.P.Ti, Gr.11, Gr.17, Ti-6Al-4V ELI, Ti662, Ti6242, Ti6246, Ti62222s, Ti1023	ASTM, ASME, AMS, MIL, DMS, TA, AWS, JIS	



### Titanium Sponge System

Our annual production capacity reaches 35,000 tons. The system is equipped with a 13-ton Titanium Sponge Reactor, an 8,000-ton Oil Press, and a Titanium Sponge Crushing Line. This fully integrated production process encompasses chlorination, electrolysis, reduction, and distillation, ensuring the stable output of premium-quality titanium sponge.

The system also includes an automatic titanium sponge mixing unit, two 3-ton VAR furnaces, nine 10-ton VAR furnaces, one EB furnace, and an 8,000-ton hydraulic press. With this advanced equipment, we are able to produce titanium ingots weighing up to 12 tons, with an annual operational output of 27,000 tons.



### Smelting System



### Forging System

Our forging facilities have an annual capacity of 15,000 tons of titanium and alloy billets, bars, discs, rings, and custom forgings. The production line is equipped with a 4,500-ton high-speed forging press capable of up to 110 strokes per minute. All operations are controlled and monitored through Siemens' SIMATIC Programmable Logic Control and data-logging system, ensuring precision, efficiency, and traceability throughout the process.

### Sheet & Plate Production System

We maintain an annual production capacity of 20,000 tons for titanium and alloy sheets, plates, and coils. Every stage of production is subject to strict quality control, guaranteeing metallurgical stability, dimensional accuracy, and product consistency.



Our 2.45M 4Hi reversible rolling mill supports a maximum input thickness of 550 mm and produces output plates as thin as 100 mm, with widths up to 2200 mm. A single rolling pass is capable of reducing thickness by up to 40 mm.

The sheet and plate production line is equipped with a 2.45M 4Hi reversible rolling mill, an electric heating furnace, a vacuum creep flattening machine, hot and cold flattening machines, a sheet flattening machine, a pickling line, a shearing machine, a waterjet cutting machine, a grinding machine, a flame-cutting machine, and a shot blasting machine.



In addition, we operate a 1.45M 4Hi reversible cold rolling mill for the production of cold-rolled coils and sheets, supported by a flattening line, slitting line, and vacuum annealing furnace.



We supply both hot-rolled and cold-rolled coils in a wide range of standards and grades, including Gr.1, Gr.2, Gr.3, Gr.4, and Gr.12. Our current annual capacity includes: 10,000 tons of titanium coil; 10,000 tons of clad coil; 2 million titanium alloy discs