

Continuous Annealing and Pickling Line for Metal Coils

This continuous annealing and pickling line features a high degree of automation, utilizing PLC bus network control for reliable tracking and production information. Each equipment component has an independent control system with emergency stop, manual/automatic, and single machine/line connection functions.



Product Overview

Continuous Annealing and Pickling Line

This industrial machinery integrates annealing and pickling processes into a single continuous line, significantly enhancing production capacity while reducing overall manufacturing costs. Designed for both hot and cold rolled stainless steel coils, the system ensures consistent product quality through precise temperature control and surface treatment. By streamlining operations and improving efficiency, this solution increases market competitiveness while minimizing environmental impact.

Technical Capabilities

Annual Production Capacity

350000 tons/year

Hot Rolled Capacity

150000 tons/year

Cold Rolled Capacity

Running Manner

Continuous annealing and Pickling

Material Specifications

Strip Dimensions Table

| Parameter | Hot Rolled | Cold Rolled |
|-----------------|------------|-------------|
| Strip Width | 600~1350mm | 600~1350mm |
| Strip Thickness | 1.8~6.0mm | 0.2~2.0mm |

Compatible Materials

HR Stainless Steel (200, 300, 400 series), CR Stainless Steel (200, 300, 400 series)

Coil Handling

Coil Specifications

- Coil ID: 610mm
- Coil OD: 800~2100mm
- Max Coil Weight: 28T

Control & Automation

Control System

- DC bus rectifier unit power supply
- Siemens whole digital inverter system (AC drive)