

Skin Pass Mill for Metal Strip Finishing

The skin pass mill is used for leveling rolling of cold-rolled stainless steel to improve the plate shape of the strip, eliminate the yielding platform. It also enhances the surface brightness and mechanical properties of the strips.



Product Overview

Precision Skin Pass Mill

This Skin Pass Mill is designed for the high-precision finishing of cold-rolled stainless steel annealing plates. It utilizes a robust two-roll design coupled with a hydraulic APC constant pressure control system to ensure superior surface quality and dimensional accuracy. Featuring advanced automation for constant elongation and tension control, this equipment is engineered for high-capacity industrial production environments.

Technical Capabilities

Performance Metrics

150000 tons/year
Max Production Capacity

25 T
Max Coil Weight

Compatible Materials

200 series stainless, 300 series stainless, 400 series stainless, Cold rolled annealing plate

Dimensional Data

Strip Specifications

Parameter	Range
Strip Width	600 - 1250 mm
Strip Thickness	0.3 - 2.0 mm
Coil Inner Diameter	610 mm
Coil Outer Diameter	800 - 2100 mm

Process Control

Key Line Features

- Hydraulic APC constant pressure control system
- Large diameter two-roll mill design
- On-line roll polishing and automatic adjustment
- Anti-crimping and anti-vibration entry/exit rolls
- Computerized constant elongation and tension control

Operational Precision

Elongation Control 1 %