

Tension Leveler Line for Metal Coil Processing

This tension leveler line is designed for precision metal processing, featuring multiple integrated stations. It enhances material properties and surface finish for steel and aluminum coils in various industrial applications.



Product Overview

Precision Metal Coil Processing

The Tension Leveler Line is an industrial-grade solution engineered for high-performance metal coil processing. By employing a two-bending and two-straightening configuration, this system effectively improves material properties and surface flatness. Equipped with advanced Siemens AC drive units and closed-loop elongation control, it ensures superior quality and operational efficiency for industrial applications.

Technical Specifications

Performance Metrics

180 m/min
Max Line Speed

120000 tons/year
Annual Capacity

2 %
Max Elongation

Raw Materials

200 Series Stainless, 300 Series Stainless, 400 Series Stainless

Dimensions and Capacity

Material Dimensions

Parameter	Range
Strip Thickness	0.2 - 2.0 mm
Strip Width	600 - 1250 mm

Control and Features

Line Features

- Two bending and two straightening processing units
- Siemens AC drive control system
- PLC-based closed-loop elongation control
- High precision flatness control to 4l