

Steel Coil Leveling and Cutting Line

This production line processes steel coil into flattened plates of specified dimensions through uncoiling, leveling, and cross shearing. It delivers precise length and width control for diverse steel plate applications.



ADDITIONAL IMAGES



Overview

High-Precision Steel Coil Processing

This industrial production line is engineered for the efficient processing of various metal coils, transforming raw material into flattened sheets of precise dimensions. The system integrates a comprehensive workflow including uncoiling, leveling, cross shearing, and automated stacking. Designed for high-throughput environments, it ensures consistent quality and dimensional accuracy for steel, aluminum, and other metal materials.

Process Workflow

Operational Sequence

- Loading
- Uncoiling
- Pressing and Guiding
- Pinch-feeding
- Transitional Worktable
- Guiding
- Leveling
- Length Measuring
- Cross Shearing
- Unloading
- Stacking
- Manual Bale

Technical Specifications

Performance Parameters

35 Ton

Max. Coil Weight

70 m/min

Max. Leveling Speed

0.3 mm

Cutting Precision

Material Handling Capabilities

Parameter	Range
Coil Thickness	0.3-25 mm
Coil Width	800-2500 mm
Stacking Length	1000-12000 mm

Capabilities

Suitable Materials

Steel, Aluminum, Metal Coils