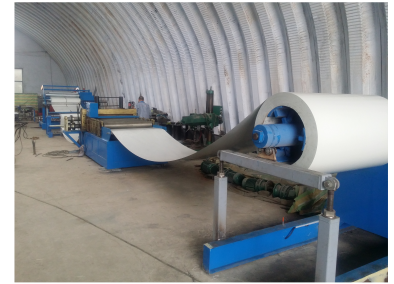
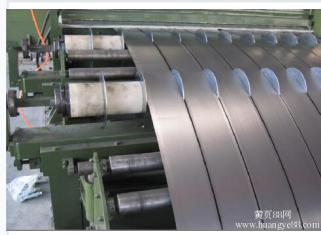


Automatic Metal Coil Slitting Machine

This automatic slitting machine efficiently cuts metal coils into narrower strips. It features adjustable slitting widths and speeds to meet diverse production requirements for processing metals like steel, aluminum, and copper.



ADDITIONAL IMAGES



Overview

Automatic Metal Coil Slitting Machine

This high-precision automatic slitting line is engineered to process various metal coils, including silicon steel, aluminum, galvanized, stainless, and common carbon steel. It efficiently cuts wide coils into multiple narrow strips along the length direction with high accuracy. The system integrates a comprehensive workflow from decoiling and feeding to precision shearing and rewinding, ensuring consistent strip quality and production efficiency.

Technical Parameters

Slitting Capacity

12 bars

Strips (1mm thick)

20 bars

Strips (0.5mm thick)

Material Thickness	1.5 mm
Max Material Width	1000 mm
Max Material Weight	5 T
Max Operating Speed	60 m/min

Precision Standards

Precision Metrics

Metric	Value
Unilateral non-straightness	d0.05mm/m
Width error	±0.03 mm
Shear burrs (at 1.0mm thickness)	d0.03mm

System Components

Key Components

- Hydraulic feeding trolley
- Hydraulic internal decoiler
- Transition Bridge
- Longitudinal shearing machine
- Hemming machine
- Hydraulic surge stations
- Hydraulic clamp rewinder
- Discharge hydraulic trolley
- Hydraulic systems
- Electrical control systems

Physical Dimensions

Production Area Dimensions

20m (L) x 7.5m (W) x 2m (H)

Material Compatibility

Compatible Materials

Silicon Steel, Aluminum Coil, Galvanized Coil, Stainless Steel, Carbon Steel