

CNC Cut-to-Length and Slitting Line

This CNC cut-to-length and slitting line processes various materials like carbon steel and stainless steel. The production line uses PLC centralized control for high automation, accuracy, and efficiency.



ADDITIONAL IMAGES



Overview

High-Efficiency Metal Processing

This CNC cut-to-length and slitting line is engineered for high-precision metal processing, including uncoiling, straightening, measuring, and cross-cutting. Designed for versatility, it handles materials like cold or hot-rolled carbon steel, stainless steel, and coated metals. The system features centralized PLC control to ensure high automation, accuracy, and efficiency across all production stages.

Material Capabilities

Compatible Materials

Plain carbon steel, Medium-carbon steel, Low alloy plate, Stainless steel, Coated metal surfaces

Operational Parameters

Line Speed	60 m/min
Minimum Slitting Width/Length	80 mm
Number of Cuts	2-15

Technical Specifications

Control System

PLC Centralized Control • Automated Operation

Coil Width Range	800-1800 mm
Maximum Coil Weight	30 t

Process Capabilities

Supported Processes

- Uncoiling
- Straightening/Leveling
- Measuring
- Cross-cutting to length
- Stacking
- Bending forming
- Cold bending
- Stretching