

Heavy Gauge Cut to Length Line

This heavy gauge cut to length line processes metal coils into sheets with precise dimensions. The automated system includes an uncoiler, straightener, feeding mechanism, cutting unit, and stacking system for high-throughput and accuracy.



ADDITIONAL IMAGES



Overview

High-Performance Processing Line

This heavy-duty cut-to-length line is engineered for high-throughput metal processing, combining decoiling, leveling, and shearing into a single automated system. Designed for durability and precision, the line features a high-rigidity leveler frame and advanced hydraulic shearing capabilities. It is optimized for processing materials like hot-rolled steel plates, ensuring consistent output quality and minimal material waste.

Technical Specifications

Max Strip Thickness	25 mm
Max Strip Width	2500 mm
Compatible Materials	Hot Rolled Steel, Metal Alloys

Decoiler System

Automated Features

- Automatic coil in-line centering
- Automatic strip parameter detection

Decoiler Type	Hydraulic Double-head
Coil Inner Diameter	508-760 mm

Leveling & Processing

Surface Protection

Paper Laminating • Plastic Film Laminating

Leveler Design	4-Hi (11-13 leveling rolls)
Pre-leveling	5-roller lever

Shearing & Stacking

Max Stacking Load

20 tons

Max Load

Shear Type

Stop-to-cut hydraulic shear

Stacker Type

Bomb-Door type with air blower and baffle