

High Speed Metal Roll Forming Machine

The high-speed metal roll forming machine efficiently shapes metal sheets into desired profiles. It utilizes a series of rollers to gradually bend the metal, ensuring precision and consistency.



ADDITIONAL IMAGES



Overview

High-Performance Roll Forming Solution

This high-speed roll forming machine is engineered for fully automated metal processing, integrating cold forming, punching, and stacking into a single continuous line. Designed for precision and efficiency, it supports production speeds up to 60 meters per minute while minimizing material waste through advanced pre-cutting equipment. The system features industrial-grade automation controls and encoder-based length measurement to ensure consistent output across various metal profiles.

Performance Metrics

Maximum Production Speed

60 m/min

Max Speed

Technical Specifications

Automation Features

- Full automatic decoiling
- Automated cold forming
- Automatic cold punching
- Encoder-based length measurement
- Automatic cutting to length
- Automatic stacking and counting

Construction & Design

- Independence guide post supporting wall plate
- Inside transmission chain
- Ion-nitrided and polished rollers
- Flat sheet pre-cutting equipment

Certifications

Quality Certifications

CE, ISO 9001-2000, UKAS Quality Management, Bureau Veritas