

Steel Purlin Cold Roll Forming Machine

This steel purlin roll forming machine is easy to operate and includes remote control functionality. It offers lifetime video online service for support.



ADDITIONAL IMAGES



Overview

High-Efficiency Steel Purlin Production

This Steel Purlin Cold Roll Forming Machine is designed for the high-precision manufacturing of C, Z, and U-shaped profiles. It features a robust construction with an automated PLC control system and remote control capabilities for easy operation. Ideal for industrial construction applications, the system ensures consistent quality with a lifetime video online service for maintenance support.

Performance Metrics

Key Performance Metrics

15 m/min

Max Forming Speed

3 mm

Max Thickness

24 m

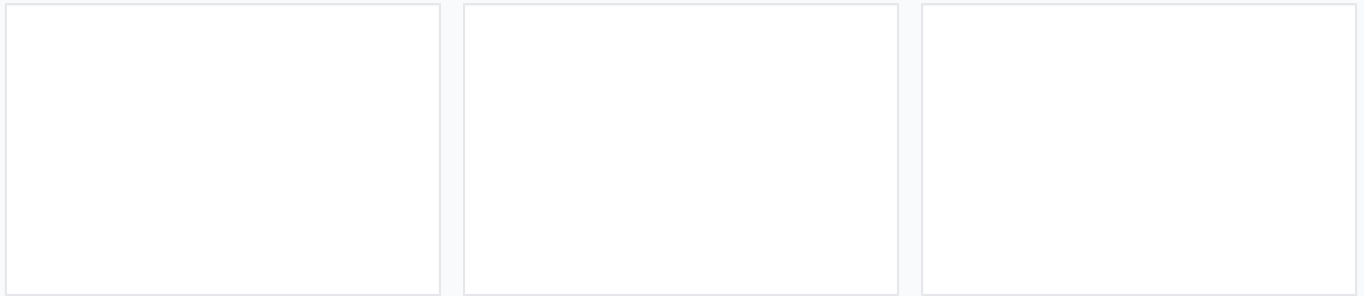
Total Line Length

Material Specifications

Compatible Materials

Parameter	Specification
Material Type	Galvanized steel coil
Thickness Range	1.5 - 3.0 mm
Yield Stress	Q235 - 345 Mpa

Technical Configuration



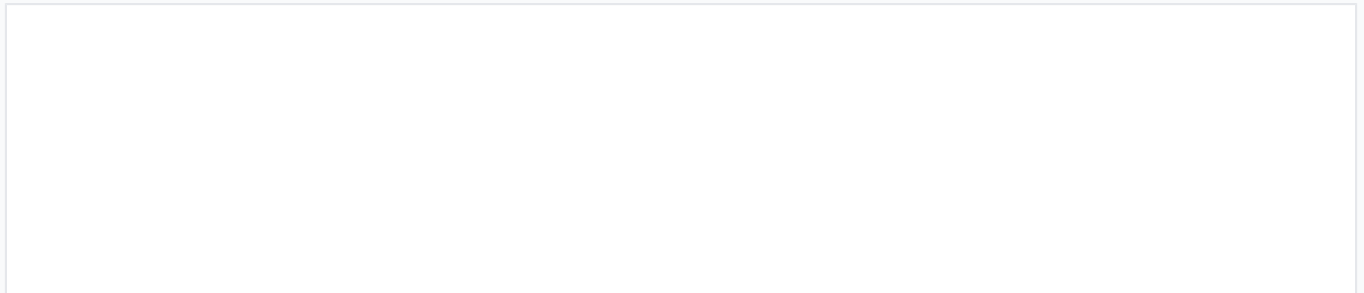
System Components

- Uncoiler (1.2m)
- Guiding & Straightening Equipment
- Encoder System
- Pre-punching & Pre-cutting Stations
- Roll Forming System
- Rectification Device
- Hydraulic Cutting System
- Run-out Table

Roller Details

Bearing steel GCr15 with chain transmission drive

Control & Operation



Control System

PLC Controller with Remote Control

Operational Features

Easy to Operate, Remote Control, Automated Process, Video Online Service

Output Profiles

Supported Profiles

C Shape • Z Shape • U Shape

Compliance

Quality Standards

CE Certified, SGS Audited, ISO 9001