

# 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**

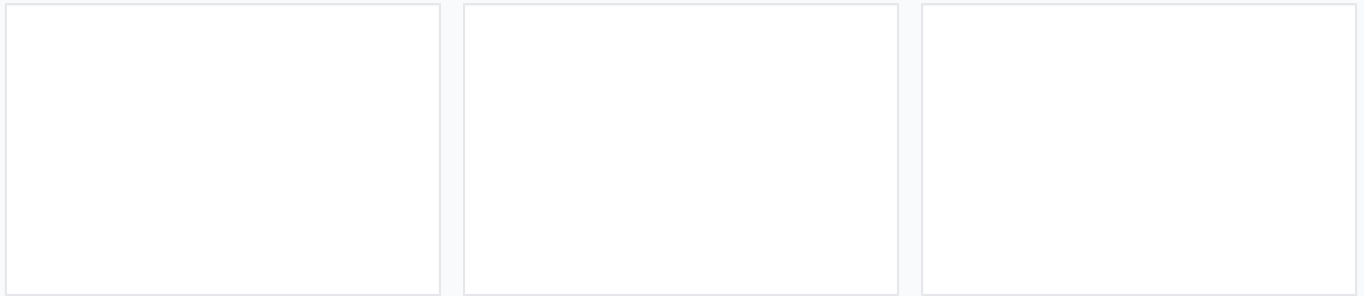
Total Line Length

## 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



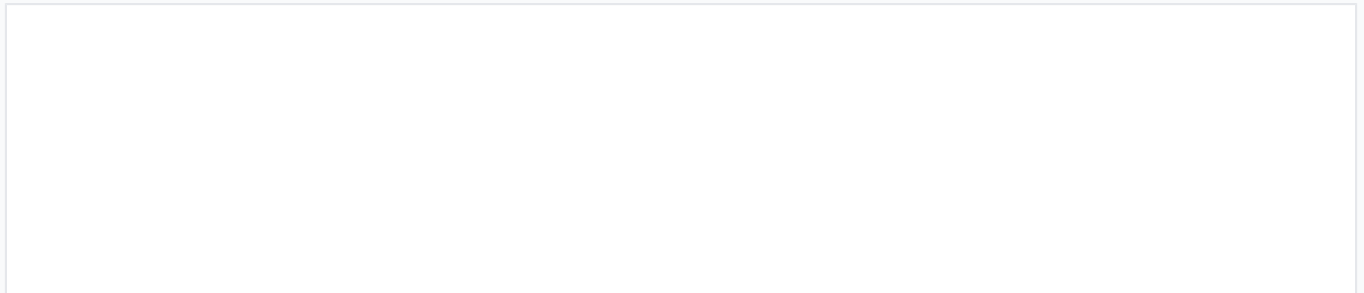
### System Components

- 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