

C Purlin Roll Forming Machine

This C purlin roll forming machine is designed for manufacturing C-shaped profiles from metal coils. It utilizes adjustable forming parameters and automatic cutting for producing various sizes and thicknesses of C purlins.



ADDITIONAL IMAGES



Overview

High-Efficiency C Purlin Roll Forming System

This professional-grade roll forming machine is engineered for the precise manufacturing of C-shaped profiles and channels from metal coils. Featuring a robust steel frame and a high-performance PLC frequency control system, it ensures consistent, high-quality production for construction and industrial applications. The integrated hydraulic cutting system and advanced roller technology deliver accurate results with minimal downtime.

Technical Specifications

Forming Speed	11 m/min
Compatible Material Thickness	2-5 mm
Forming Roller Stands	14
Cutting Length Tolerance	+/- 1.5 mm

Key Metrics

Performance Metrics

15 Kw Main Motor Power	11 Kw Hydraulic Power	20 Mpa Hydraulic Pressure	10 Ton Machine Weight
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Construction & Materials

Build Materials

Component	Material Specifications
Main Axis	Grade 45# Steel (Heated/Quenched)
Forming Rollers	GCr15 Steel (Chrome Coated 0.05mm)
Cutting Blade	Cr12 Mov (Quenched)

System Components

Included Equipment	Decoiler, Feeding Guide, Levelling Device, Roll Forming Unit, Cutting Device, Hydraulic Station, PLC Control System, Runout Table
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