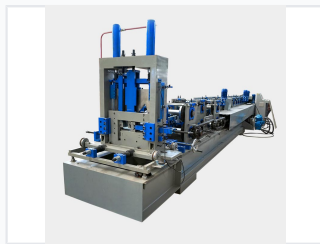
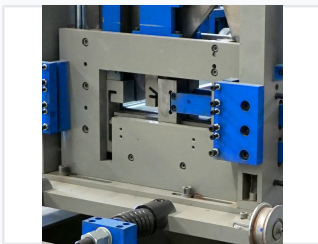


C Purlin Roll Forming Machine

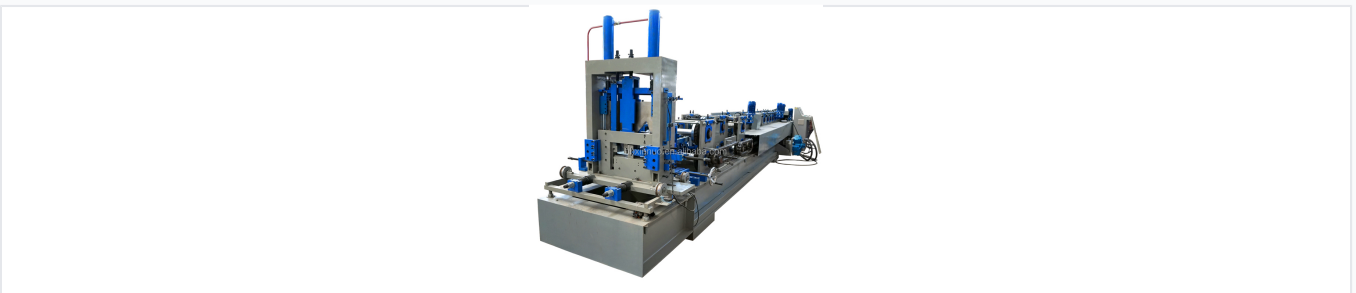
This roll forming machine is designed for manufacturing C purlins used in steel frame construction. It utilizes a rolling mill process to shape metal into precise C-shaped profiles.



ADDITIONAL IMAGES



Overview

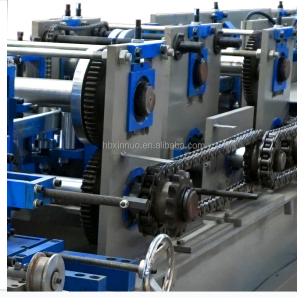


Heavy-duty roll forming unit designed for high-speed C purlin production.

High-Efficiency C Purlin Production

This fully automatic roll forming machine is designed for the high-volume manufacturing of C-shaped purlins and drywall profiles used in industrial factories and civilian buildings. It features a robust 400mm H-beam main frame and a sophisticated PLC control system for precise dimensional accuracy. The equipment is engineered for durability and ease of operation, providing a reliable solution for modern steel building construction.

Technical Performance



Robust chain and gear transmission system ensuring consistent torque and forming precision.

Forming Speed

24 m/min

Max Speed

Power Specifications

22 kW

Total Power

380 V

Input Voltage

Roller Stations

18

Material Specifications

Feeding Material Thickness

1.5 - 3.0mm

Max Steel Coil Width

600 mm

System Components



Complete system including uncoiler, leveling, punching, and cutting stations.

Standard Configuration

- Manual Uncoiler (5T Capacity)
- 9 Shaft Strip Leveler
- Pre-Punching Device
- Pre-Cutting Device
- Hydraulic Station
- PLC Control Cabinet
- Supporter/Receiving Table

Control System



Integrated hydraulic cutting system and PLC control for automated length and quantity management.

Interface Languages

English • Chinese • Spanish • Russian

Control Features

PLC, Inverter, Encoder, Touch Screen, Automatic/Manual Modes

Mechanical Details



Gcr15 forged steel rollers arranged in 18 stations for gradual, accurate metal shaping.

Hydraulic System Parameters

Parameter	Value
Working Pressure	12-16 Mpa (Adjustable)
Hydraulic Oil Type	46#
Solenoid Valves	3 Groups

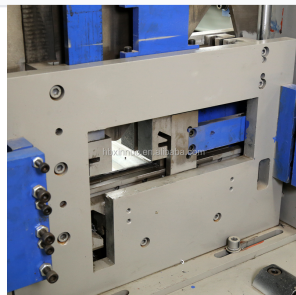
Roller Material

High grade Gcr15 forged steel

Cutting System

Cr12Mov with quenched treatment

Production Capability



Receiving table for organized collection of finished C purlin profiles.

Product Size Range

80mm - 300mm (Automatic adjustment via motor)

Compliance & Support

Certifications

CE

Warranty

1 Year