

# C-Channel Light Frame Roll Forming Machine

This roll forming machine is designed for the efficient production of C-channel light frames. It utilizes a rolling mill process to shape metal sheets into precise C-shaped profiles for construction applications.



## ADDITIONAL IMAGES



## Overview



Precision-engineered rollers designed for consistent C-shaped profile production.

## High-Efficiency C-Channel Roll Forming

This C-Channel Light Frame Roll Forming Machine is engineered for the precise and high-speed production of metal studs, tracks, and keels used in lightweight framing applications. It features a robust 18mm steel welded main frame and a multi-station rolling process to ensure consistent profile accuracy and structural integrity. Ideal for high-volume construction projects, the system integrates automated feeding, leveling, and hydraulic cutting to minimize material waste and maximize productivity.

## Performance Metrics

### Key Performance Metrics

**50 m/min**

Max Productivity

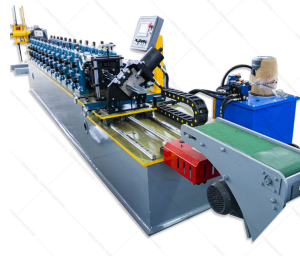
**1.5 mm**

Max Material Thickness

**9.5 kW**

Total Motor Power

## Technical Specifications



The multi-stage forming process ensures high dimensional accuracy for light gauge steel framing.

Compatible Materials	Color steel plate, Galvanized sheet, Aluminum coils
Feeding Material Thickness	0.3 - 1.5mm
Roller Stations	10 rows (customizable)
Roller Material	45# Steel with Cr Plating
Cutter Standard	GCr12
Shaft Diameter	42 mm

## Control & Operation

Control System	PLC Colored Touch Screen
Voltage Requirement	380V 50Hz 3-Phase


## Physical Characteristics


Machine Size	5000 x 800 x 1600mm
Total Weight	2.5 T

## Service & Support

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Canada

Supplier Service: **Very satisfied** (5 stars)  
On-time Shipment: **Very satisfied** (5 stars)  
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 parts for roofing sheet roll forming machine  
★★★★★  
very good! 👍 0

 parts for roofing sheet roll forming machine  
★★★★★  
linda patiently taught me how to use, my machine is ready for normal production 👍 0

Highly rated supplier performance with proven reliability in international shipments.

## Compliance & Quality

CE • SGS • ISO 9001

Warranty Period	1 Year
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