

Corrugated Metal Sheet Roll Forming Machine

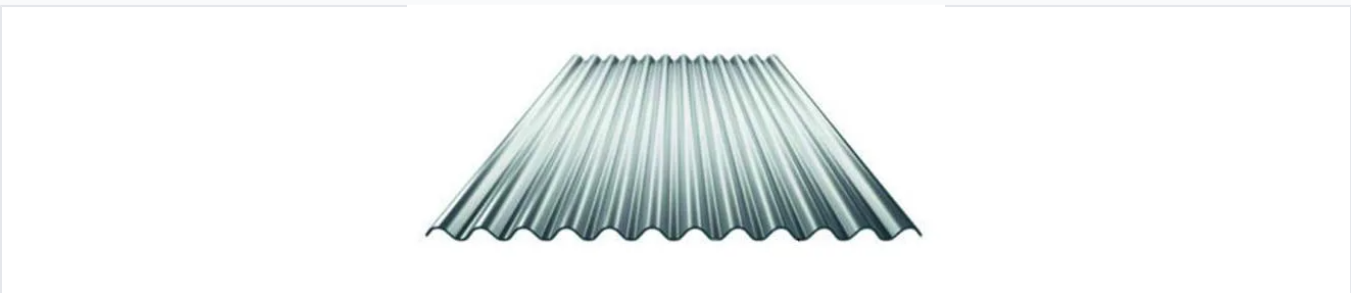
This machine shapes metal sheets into corrugated profiles. It is designed for producing corrugated sheets used in roofing, cladding, and construction applications.



ADDITIONAL IMAGES



Product Overview



Professional Corrugated Roll Forming Solution

This high-performance roll forming machine is engineered for the continuous production of corrugated metal sheets from coils. It features a robust 350H beam steel frame and precision-forged 45# steel rollers with chrome plating for extended service life. Controlled by a Panasonic PLC system, it ensures high-precision cutting and consistent output for roofing and cladding applications.

Key Performance Metrics



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5.5 kW

Forming Power

17 m/min

Max Line Speed

5 T

De-coiler Capacity

2 mm

Cutting Precision

Material Specifications

Rolling Thickness Range

0.4 - 0.8 mm

Feeding Width

1250 mm

Technical Parameters



Forming Steps

18

Shaft Diameter

76 mm

Roller Material

Superior 45# steel forging

Chrome Plating Thickness

0.05 mm

Control & Hydraulics



Control System

Panasonic PLC, Panasonic Frequency Changer, Computerized Operation

Hydraulic Station Motor

4 kW

Cutting System

Cutting Blade Material	Cr12
Blade Heat Treatment	HRC58-60

Production Process



Technological Process

- Passive de-coiling
- Guiding & Feeding material
- Roll Forming
- Cutting-to-length
- Output panel delivery

Equipment Configuration

Standard Components

Component	Quantity
Passive de-coiler (5T)	1 piece
Roll forming machine	1 piece
Hydraulic cutting blade	1 set
Hydraulic station	1 set
PLC computer operation cabinet	1 set
Run-out table	1 set

Physical Dimensions

Machine Dimensions (L x W x H)	8.5M x 1.6M x 0.8M
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