

Corrugated Sheet Roll Forming Machine

This machine produces corrugated metal sheets for roofing and cladding. It forms the metal through a series of rollers to create the desired corrugated profile.



ADDITIONAL IMAGES



Overview



High-Efficiency Corrugated Sheet Production

This roll forming machine is engineered for the precise and efficient production of corrugated metal roofing and wall cladding. It features a robust heavy-duty steel frame and 14 rows of precision-engineered rollers to ensure consistent profile shaping. Designed for versatility, it handles various material thicknesses and is especially suitable for operations with limited floor space due to its compact and reasonable structure.

Key Features

Space Saving, Easy Operation, High Precision, Modular Design, Low Maintenance

Technical Performance

Performance Metrics

12 m/min

Max Productivity

4 kw

Main Motor Power

5 tons

De-coiler Capacity

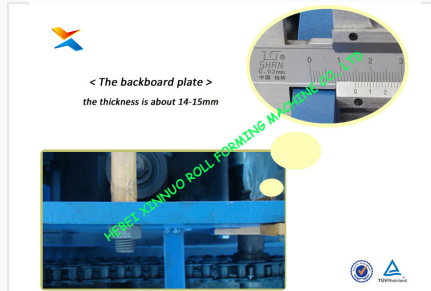
Material Specifications

Compatible Materials

- Color steel plate
- Galvanized steel
- Aluminum
- Pre-painted steel

Plate Width	1000 mm
Plate Thickness Range	0.3 - 0.8mm

Machine Components



Forming Stations	14 rows
Roller Diameter	80 mm
Roller Material	Carbon Steel 45#
Backboard Plate Thickness	15 mm

Cutting & Control



Cutting Blade Material

Cr12

Control System

- PLC Programmable Logic Controller
- User interface screen for parameter input
- Emergency stop safety button
- Automated forming speed adjustment

Cutting Method	Hydraulic mould cutting
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Hydraulic System



Hydraulic Unit Details

Parameter	Value
Power	3.0 kW
Voltage	380 V
Rated Speed	1420 r/min
Protection Level	IP44
Noise Level	70 dB(A)