

Trapezoidal Metal Roofing Sheet Roll Former

This machine is designed for manufacturing trapezoidal metal roofing sheets. It utilizes a series of rollers to gradually shape the metal into the desired trapezoidal profile.

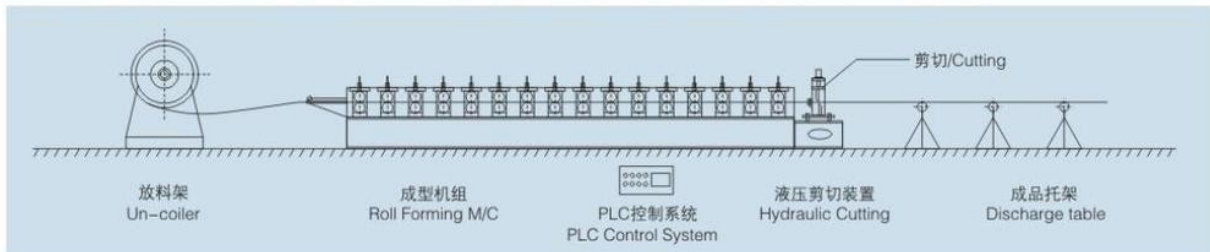


ADDITIONAL IMAGES



Overview

屋面板、墙面板系列工艺流程图 ROOF BOARD ,WALL PANEL SERIES PRODUCING PROCESS FLOW



Process flow diagram detailing the stages from un-coiling to final discharge.

High-Efficiency Trapezoidal Roll Forming Solution

This cold roll forming machine is engineered for the continuous, high-volume production of trapezoidal roofing sheets and wall panels. Featuring a robust construction with precision rollers, it ensures consistent profile quality and dimensional accuracy for aluminum and galvanized steel sheets. The system integrates an automated PLC control interface and hydraulic cutting mechanisms to deliver reliable, repeatable results suitable for industrial and commercial construction applications.

Technical Specifications



Precision forming section with hydraulic cutting mechanism for accurate length control.



Robust machine frame featuring multiple forming stations and integrated control panel.



High-precision rollers designed for consistent trapezoidal profile shaping.

Forming Speed

12 m/min

Max Speed

Compatible Materials	Colored steel sheet, Galvanized steel sheet, Aluminum
Sheet Thickness Range	0.55 mm
Number of Roller Stations	12
Length Tolerance	10m ± 2mm

Power & Hydraulics

Main Motor Power	4 kW
Hydraulic Station Power	3 kW
Hydraulic System Pressure	10-12 MPa
Power Requirements	380V, 3-phase, 60Hz

Dimensions & Weight

Overall Dimensions (L x W x H)	5m x 1.4m x 1.5m
Total Machine Weight	3.6 tons

Control System

Control Interface
PLC Controlled • Automated Cutting • Touch Screen Interface

Compliance

Certifications	ISO 9001, CE, 2006/42/EC (Machinery), 2006/95/EC (Low Voltage)
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