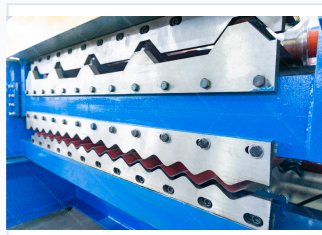


Double Layer Metal Sheet Roll Forming Machine

This double layer roll forming machine forms two sections, optimizing limited site areas. It combines two models of devices into one for efficient product transformation and improved output.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Double Layer Roll Forming

This double layer roll forming machine is designed to maximize production efficiency by combining two forming models into a single, space-saving unit. It allows for rapid product transformation and shorter plate replacement times, significantly improving output rates for wall panels and tiles. Ideal for limited site areas, it provides a versatile and affordable solution for high-volume metal sheet manufacturing.

Key Performance Metrics

Key Performance Metrics

5000 kg

Un-coiler Capacity

5.5 kW

Main Motor Power

4 kW

Hydraulic Power

1220 mm

Max Feeding Width

Main Forming System



Precision-engineered rollers ensure accurate forming of wall panels and tiles.

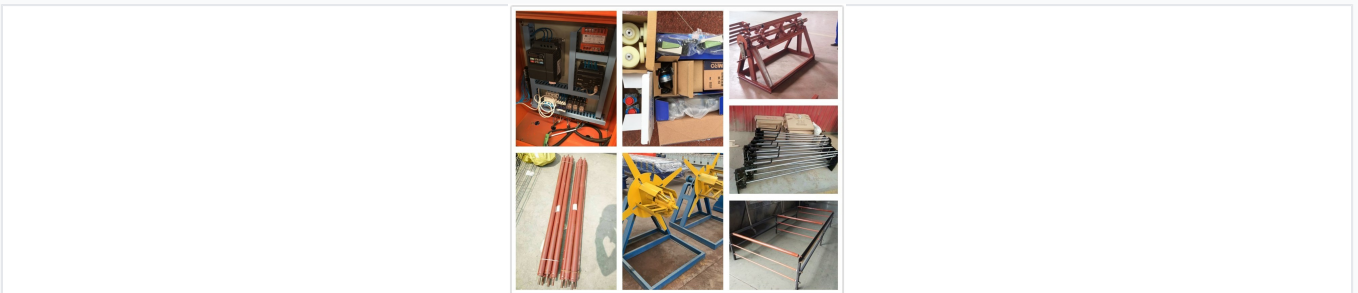


Heavy-duty 360 H steel welded base frame provides stability for high-volume production.

Forming Specifications

Feature	Specification
Product Width	1000 mm & 1020 mm
Sheet Thickness	0.2 - 1.0 mm
Roller Material	C45 Steel
Shaft Diameter	95 mm (Upper & Down)
Forming Stations	12 Stations (Upper & Down)
Base Frame	360 H steel welded

Processing Workflow

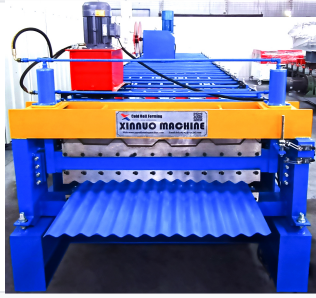


Complete automated production line from decoiler to finished product output.

Production Flow

- Manual decoiler
- Material feeding
- Roll forming
- Length measurement
- Hydraulic cutting
- Finished product output

Hydraulic Cutting System



The hydraulic system controls the cutting process for finished corrugated metal sheets.

Cutting Details

Component	Details
Cutting Method	Pause to cut
Blade Material	CR12 with heat treatment
Blade Hardness	HRC60-62
Pump Station	1 set included

Electrical Control



The dual-layer design allows for efficient production of different panel profiles simultaneously.

Control System	HMI & PLC Control Panel
Power Supply	440V 50Hz (Customizable per local requirement)

Material Compatibility

Compatible Materials	Galvanized Steel, Aluminum, Pre-painted Steel, Color Steel
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Certifications

Compliance & Quality

ISO 9001:2015 • EN 60204-1:2018 • CE Compliant

Un-coiler & Leveling

Inner Diameter of Coil	400-600 mm
Leveling Features	Adjustable width to ensure material level and straightness