

Double Layer Roof Panel Roll Forming Machine

This machine efficiently produces roof panels with a double-layer configuration. It forms two different panel profiles simultaneously, increasing productivity.



ADDITIONAL IMAGES



Overview



High-Efficiency Double Layer Production

This double layer roof panel roll forming machine is engineered for high-volume B2B manufacturing, allowing for the simultaneous production of two distinct profiles in a single footprint. Its double-decker configuration optimizes workshop space while increasing versatility for producing corrugated, trapezoidal, or tile-effect panels. Built with a robust steel frame and precision-engineered rollers, it ensures consistent dimensional accuracy and long-term reliability for industrial roofing applications.

Technical Performance

Performance Metrics

12 m/min

Max Productivity

5.5 kW

Main Motor Power

5 T

Uncoiler Capacity

Material Compatibility

Material Specifications

Parameter	Range
Feeding Width	914-1250mm
Material Thickness	0.3-0.8mm
Max Coil Outer Diameter	1250mm
Coil Inner Diameter	500-508mm

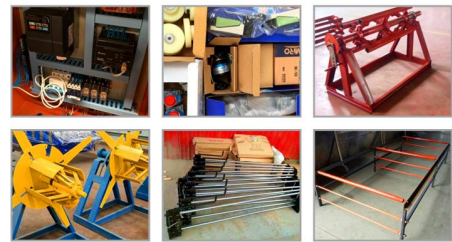
Suitable Materials

Color Steel Plate, Galvanized Sheet, Aluminum Coils

Forming System



Spare part pictures:



Roller System Details

- Roller Station: 11-18 rows (customizable)
- Roller Material: High grade No.45 forged steel
- Shaft Diameter: 70-80mm
- Drive Type: Hydraulic drive for cutting

Control & Hydraulics



Control System

- PLC Computer Control System
- Modes: Automatic and Manual
- Programmable profile length and quantity
- Supported Languages: English, Chinese, Spanish, Russian

Hydraulic System Specifications

Feature	Specification
Hydraulic Power	4kW
Working Pressure	12-16Mpa (Adjustable)
Hydraulic Oil Type	46#
Cutting Blade Material	Cr12Mov with quenched treatment

Operational Features

Uncoiler & Receiving

- Manual uncoiler with hydraulic hoist for coil placement
- Adjustable working speed: 0-15m/min
- Receiving table with welded steel framework
- Supported rollers for finished product collection

Service & Support

Warranty & Support

1 Year Warranty • Custom Sourcing Available • Export Experience Since 1998