

# Double Layer Roof Panel Roll Forming Machine

This double layer roll forming machine produces roof panels with two different profiles in one pass. It features a robust steel frame and computerized control system for automated operation.



## ADDITIONAL IMAGES



## Overview



Our machines feature beautiful appearance, simple operation, reasonable price, good quality and so on.

### High-Efficiency Double Layer Production

This double-decker roll forming machine is engineered to produce two distinct roof panel profiles within a single compact footprint, significantly maximizing workshop space and productivity. It features a robust steel frame for vibration-free operation and a sophisticated PLC control system for automated, high-precision manufacturing. Ideal for high-volume B2B environments, this versatile solution handles various materials including color steel, galvanized sheets, and aluminum coils.

## Key Performance Metrics

### Performance Highlights

**12 m/min**

Max Productivity

**5 T**

Loading Capacity

**18 Rows**

Max Roller Stations

**1 Year**

Warranty

## Material Specifications

Compatible Materials

Color Steel Plate, Galvanized Sheet, Aluminum Coils

## Technical Dimensions

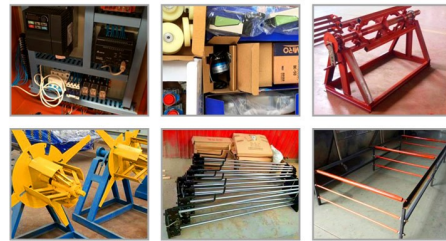


Feeding Material Width	914 - 1250mm
Material Thickness Range	0.3 - 0.8mm
Shaft Diameter	70 - 80mm

## System Components



Spare part pictures:



### Roller System Details

- Material: High grade No. 45 forged steel
- Stations: 11-18 rows (customizable)
- Precision engineered for consistent profile quality

### Hydraulic Cutting System

- Blade Material: Cr12Mov with quenched treatment
- Drive: Hydraulic drive integrated with PLC
- Function: Precise dimension cutting for both tiers

## Control & Automation



### Computer Control Cabinet

- Operation Modes: Automatic and Manual
- Programmable: Profile length and quantity settings
- Supported Languages: English, Chinese, Spanish, Russian

## Hydraulic & Power

### Hydraulic System Parameters

Parameter	Value
Power	4kW
Oil Type	46# Hydraulic Oil
Working Pressure	12-16Mpa (Adjustable)
Main Motor Power	5.5KW AC Motor

## Uncoiler Specifications

### Manual Uncoiler Specs

- Inner Diameter: 500-508mm
- Max Outer Diameter: 1250mm
- Max Steel Coil Width: 1300mm
- Working Speed: 0-15m/min adjustable

## Certifications

### Quality Compliance

CE Certified • ISO 9001 • Alibaba.com Assessed