

Double Layer Panel Roll Forming Machine

This double layer roll forming machine is engineered for producing wall, roof, and door panels. It utilizes a series of rollers to shape metal sheets into specific profiles for construction applications.



ADDITIONAL IMAGES



Overview

Versatile Double Layer Roll Forming Solution

This double layer roll forming machine is engineered for the high-volume production of wall, roof, and door panels, offering a versatile solution for construction and industrial applications. It features a robust steel frame and precision-engineered rollers designed to process various materials including aluminum, galvalume, and galvanized steel. The dual-layer system allows for efficient manufacturing of multiple profiles within a single machine footprint, maximizing productivity and workshop space.

Key Performance Metrics

Technical Highlights

5.5 kW

Motor Power

3 kW

Hydraulic Power

5 m/min

Max Speed

8000 kg

Total Weight

Technical Specifications



Precision-engineered rollers made from high-grade S45C forged steel ensure consistent panel profiles.

Material Compatibility

Parameter	Value
Suitable Materials	Aluminum, Galvalume, Galvanized, Pre-painted Galvanized Steel
Material Thickness	0.3 - 0.7 mm
Coil Width	914 - 1250 mm
Roller Material	High grade S45C forged steel with hard chrome coating

Machine Components

Core Systems

- Manual Uncoiler (Max. Capacity 5000kgs)
- Uncoiler Adjustable Device
- Roll Forming System with multiple stations
- Hydraulic Cutting Equipment
- PLC Control Panel
- Panel Supporter

Operational Requirements

Voltage	380V / 3 Phase / 50HZ (or as per requirement)
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Service & Support



Robust construction designed for safe transport and easy installation at the buyer's facility.

After-Sales & Installation

- One year guarantee for the whole machine
- 24-hour technical support via digital channels
- On-site installation and operator training available
- Instruction manuals and video guides provided
- Technical guidance for debugging and maintenance

Product Applications



The machine produces a variety of profiles for roofing, walling, and door applications.

Common Applications

Roofing Tiles, Wall Sheets, Floor Decking, Roller Shutter Doors, Sandwich Panels