

# 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)
---------	-----------------------------------------------

## 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