

# Double Layer Roof Sheet Roll Forming Machine

This double layer roll forming machine is engineered for efficient production of roof sheets and tiles. Its design allows for the simultaneous forming of two different profiles, increasing productivity.



## ADDITIONAL IMAGES



## Product Overview



### High-Efficiency Dual Profile Production

This double layer roll forming machine is engineered to produce two distinct tile or roof sheet profiles within a single compact footprint, making it an ideal solution for facilities with limited space. The system features a robust 45# steel roller assembly and an automated PLC control system for high-precision manufacturing. Designed for versatility, it handles plate thicknesses from 0.35mm to 0.6mm at speeds up to 12 meters per minute.

## Key Performance Metrics

### Performance Highlights

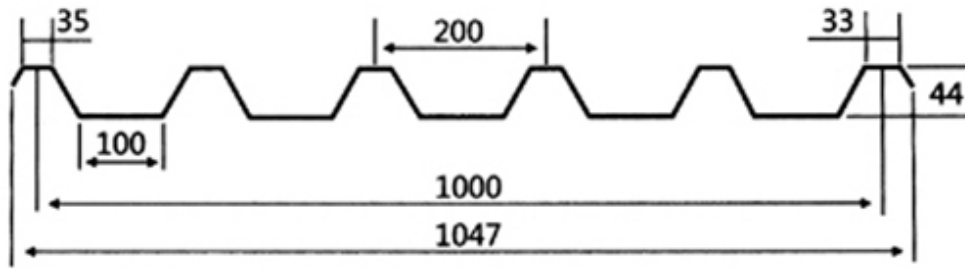
**12 m/min**  
Max Speed

**4 kW**  
Main Power

**1000 mm**  
Feeding Width

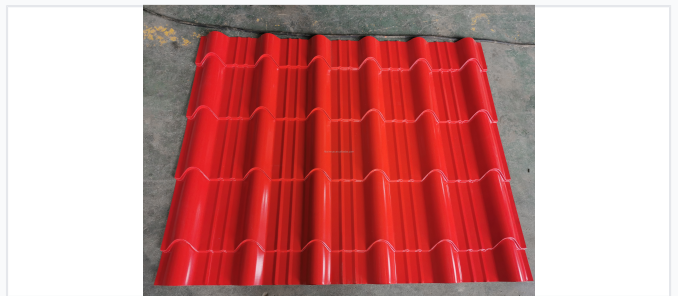
**4 kW**  
Pump Power

## Technical Specifications



Control System	Automatic PLC frequency control with text screen
Roller Steps	9 / 11 rows
Diameter of Roller	72 mm
Effective Width	850/840mm (Tolerance $\pm 1/100$ )
Plate Thickness Range	0.35 - 0.6mm
Main Former Dimensions	7600mm x 1300mm x 1450mm

## Material & Construction



Roller Material	45# steel, CNC-machined, heat treated, and polished
Surface Treatment	Electroplating chromium 0.05mm

## System Components



### Included Components

- Uncoiler
- Roll forming machine
- Computer control system
- Hydraulic control system
- Cutting mechanism

## Operational Advantages

### Key Benefits

Space Saving, Easy Operation, Dual Profile Capability, High Precision, Customizable Profiles

## Service & Warranty

### Warranty Period

1 Year Warranty