

# Double Layer Roof Tile Forming Machine

This double layer roof tile forming machine is designed for efficient and precise roof tile production. Its dual-layer design enables simultaneous creation of two different tile profiles.



## ADDITIONAL IMAGES



## Overview

### Double Layer Roof Tile Forming Machine

This double-layer roll forming machine is engineered for the efficient and simultaneous production of two different roof tile profiles. Featuring a robust steel frame and precision hydraulic cutting systems, it offers high-volume manufacturing capabilities for both residential and commercial applications. The system includes adjustable input equipment and PLC control, ensuring consistent quality and performance across various material thicknesses.

## Technical Specifications

### Forming Speed

**8 m/min**

Standard Speed

**15 m/min**

Max Speed

Power Consumption	5.5 kw
Roll Stations	13
Drive Mechanism	Chain driven
Cutting Tolerance	10m ±1.5mm

## Material Capabilities

Compatible Materials	PPGI, GI, Aluminium
Material Thickness	0.2 - 0.8 mm

## Machine Components

### Included Components

- Manual decoiler (2 sets)
- Adjustable input equipment (2 sets)
- Main roll forming machine (2 sets)
- Hydraulic cutting system (2 sets)
- Hydraulic station (1 set)
- PLC Control system (1 set)

### Shaft Specifications

Component	Material	Diameter
Main Shaft	45# Steel	75mm
Forming Rollers	45# Steel (Heat Treated/Chromed)	N/A