

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