

Steel Roofing Tile Roll Forming Machine

This specialized machine efficiently produces steel tiles with consistent quality. It integrates forming rollers, a hydraulic cutting system, and a PLC for automated operation.



ADDITIONAL IMAGES



Overview

High-Precision Steel Tile Forming

The WLTM series modular tile sheet roll forming machine is engineered for creating elegant, archaic tile profiles used in premium architectural projects. This robust system integrates automated uncoiling, precision roll forming, and hydraulic shearing to deliver consistent, high-quality roofing materials. Designed for versatility, the machine supports a wide array of profile models and is ideal for constructing garden-style factories, luxury villas, and scenic resorts.

Technical Specifications

Key Performance Metrics

6 m/min

Max Forming Speed

11 KW

Total Power

6000 Kg

Total Weight

Processing Capabilities

Parameter	Specification
Material Type	Color steel sheet
Thickness	0.3-0.6 mm
Yield Stress	230-350 Mpa

Operational Features

Core Components

- Uncoiler and base
- Infeed guides
- Fixed position driven forming stations
- Pressing die
- Shearing device
- Hydraulic station
- PLC control console

Automation & Drive

PLC Control, Touch Screen Interface, Chain Transmission, 45# Steel Rollers