

Glazed Tile Roll Forming Machine

This machine forms metal sheets into glazed tiles for roofing and wall applications. It features a series of rollers and a cutting mechanism to ensure consistent tile dimensions.



ADDITIONAL IMAGES



Overview



Industrial-grade roll forming equipment ready for high-volume production cycles.

High-Efficiency Glazed Tile Production

This industrial-grade roll forming machine is engineered for the high-volume production of glazed roofing tiles. Featuring a robust construction and precision-controlled PLC system, it transforms color steel plates into durable, aesthetically pleasing building materials suitable for factories, warehouses, and modern architectural projects. The system integrates decoiling, forming, and automated cutting into a continuous workflow for maximum productivity.

Technical Specifications



Robust machine frame with integrated hydraulic system for consistent forming pressure.

Machine Dimensions	8.0 x 1.6 x 1.5 meters
Total Weight	6.8 T
Power Supply	380V 50Hz 3-phase
Total Power	4 + 3 kW

Performance Metrics

Productivity

12 m/min

Max Speed

8 m/min

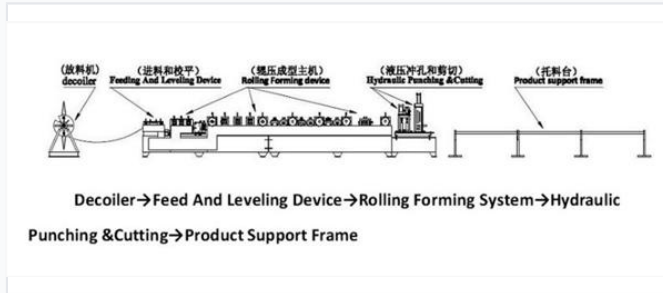
Min Speed

Processing Precision	Within 1.00mm
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Material Handling

Compatible Materials	Color steel plate, Galvanized steel, Aluminum, Pre-painted steel
Plate Thickness Range	0.3 - 0.8 mm
Max Plate Width	1200 mm

Machine Components



Workflow diagram illustrating the sequence from decoiling and leveling to hydraulic cutting and support.



Precision-engineered forming rollers designed for consistent tile profile accuracy.

Material Specifications

Component	Material
Rolling Rollers	Carbon Steel 45#
Cutting Blade	Cr12

Included Equipment

- Man-made uncoiler
- Roll forming machine
- Computer control system (PLC)
- Hydraulic control system
- Cutting mechanism
- Product support frame

Forming Rollers 18 rows

Roller Diameter 80 mm