

Glazed Tile Profile Forming Machine

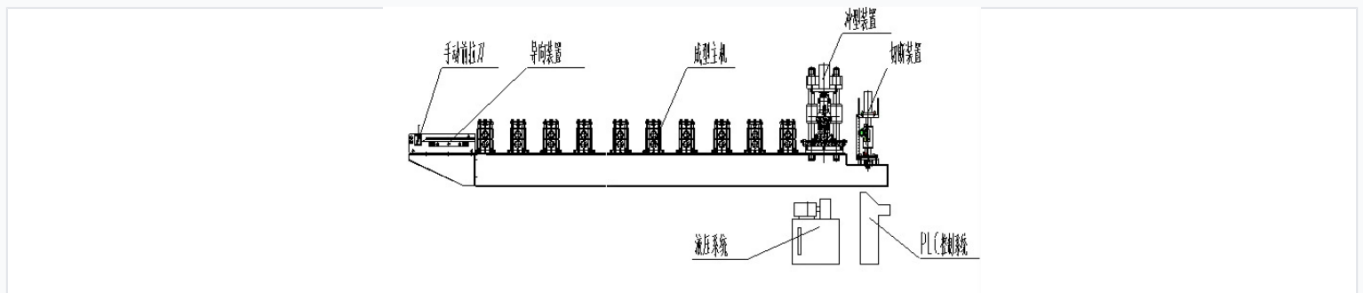
This machine shapes steel sheets into profiles for glazed roofing tiles. It utilizes rollers to gradually bend the steel, creating the desired tile shape with precision.



ADDITIONAL IMAGES



Overview



System layout featuring the manual feeding section, forming unit, and PLC control integration.

High-Efficiency Glazed Tile Forming

This specialized roll forming machine is engineered for the precise and efficient production of steel profiles with a glazed tile appearance. Utilizing a robust 16-step roller system and automated PLC control, it ensures consistent quality for roofing tiles and wall panels. Designed for industrial-scale manufacturing, the machine features heavy-duty construction and adjustable parameters to handle various steel gauges, providing a reliable solution for construction material production.

Technical Specifications

Material Specifications

Parameter	Value
Feeding Width	1250 mm
Sheet Thickness	0.4 - 0.8 mm
Yield Strength	d 250MPa

Performance Metrics

15 m/min Max Working Speed	16 steps Roller Steps	70 mm Main Shaft Diameter
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Power System

- Main Motor Power: 5.5 KW
- Hydraulic Station Power: 4.0 KW
- Hydraulic System Pressure: 8-12 MPa

Construction & Design



Heavy-duty machine construction designed for high-volume roofing material production.

Build Materials

350H Beam Steel Frame, 45# Forged Steel Rollers, Hard Chromium Plated Rollers, Quenched and Tempered Shafts

Machine Dimensions

7500 x 1700 x 1400 mm

Control & Automation



The control interface allows for precise adjustments to tile length, speed, and cutting frequency.

Control System

PLC Controlled • Automated Cutting • Automated Feeding