

Glazed Tile Roof Sheet Forming Machine

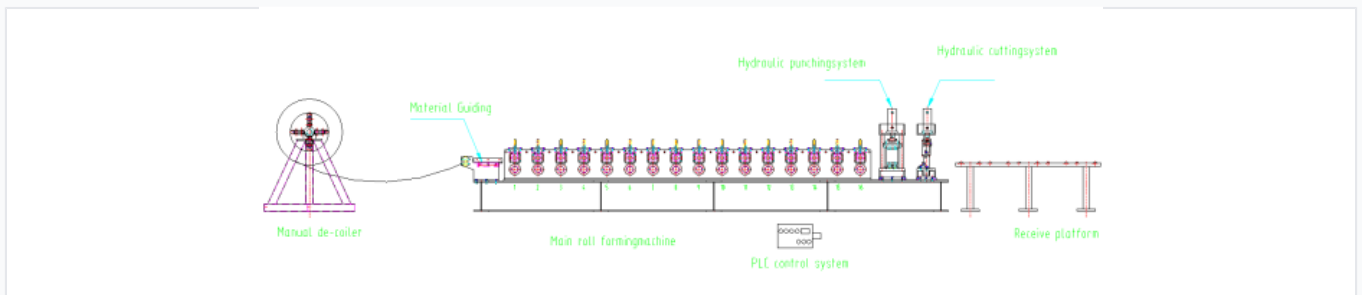
This roll forming machine produces glazed tile roof sheets. It shapes metal sheets into the desired tile profile through a series of rollers.



ADDITIONAL IMAGES



Overview



System layout including de-coiler, forming stations, hydraulic punching/cutting, and PLC controls.

Glazed Tile Roof Sheet Forming Machine

This high-performance roll forming machine is engineered for the efficient and precise manufacturing of glazed tile roof sheets. It features a robust, industrial-grade construction incorporating advanced hydraulic punching and cutting systems, ensuring consistent product profiles. With an automated PLC control system and a high-speed production capability, this machine is designed to meet the rigorous demands of professional roofing material production.

Technical Specifications

Material Thickness Range	0.5 mm
Main Motor Power	7.5 kW
Hydraulic Station Power	4 kW
Production Speed	7 m/min
Quantity of Rollers	22
Production Tolerance	10m +/- 1.5mm
Drive Mechanism	Gearbox
Control System	PLC
Electrical Requirements	380V / 3 Phase / 50 Hz

Construction & Materials

Roller Material	45# Steel with chrome plating
Shaft Material	45# Forged Steel
Shaft Diameter	75 mm
Cutter Blade Material	Cr12 Mould Steel (58-62 HRC)
Machine Frame Structure	350H Steel

Dimensions & Weight

Machine Length	8-9m
Total Weight	10 ton