

# Glazed Tile Roof Sheet Forming Machine

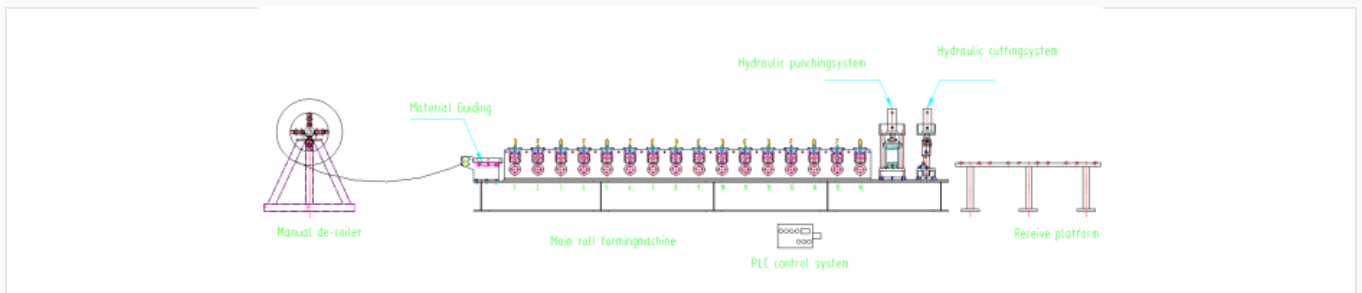
This roll forming machine produces glazed tile roof sheets. It shapes metal sheets into the desired tile profile through a series of rollers.



## 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