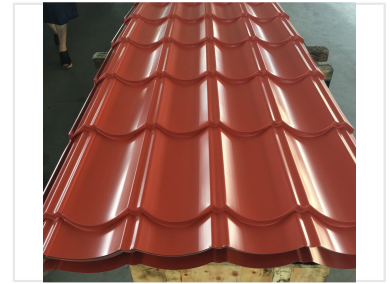


# Digital Wall and Roof Tile Forming Machine

This digital machine is designed for the efficient production of wall and roof brick tiles. It features a programmable control system for precise shaping and cutting.



## ADDITIONAL IMAGES



## Overview

### High-Efficiency Steel Tile Production

This digital wall and roof tile forming machine is designed for high-precision manufacturing of steel tiles using pre-painted and galvanized steel coils. It features an easy-to-operate interface with a PLC controller and touch screen, ensuring consistent quality for industrial applications. The robust construction and chain-driven transmission provide a reliable solution for high-volume tile production with lifelong remote service support.

## Key Performance Metrics

### Performance Highlights

**6 m/min**

Max Forming Speed

**5.5 kW**

Main Motor Power

**12 Mpa**

Hydraulic Pressure

**8000 kg**

Total Weight

## Material Specifications

### Compatible Materials

- Pre-painted steel coil
- Galvanized steel coil

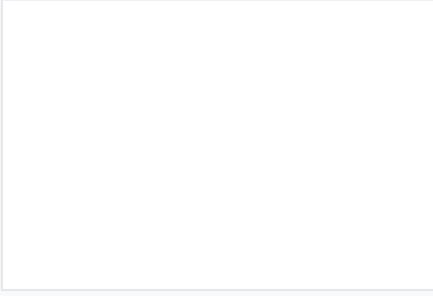
Material Thickness

0.3 - 0.6 mm

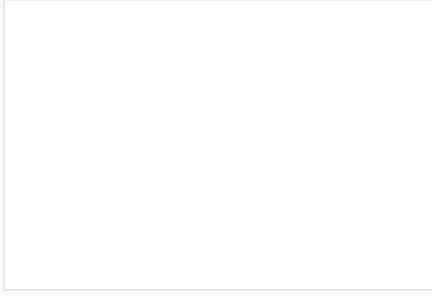
Yield Stress

Q235-345 Mpa

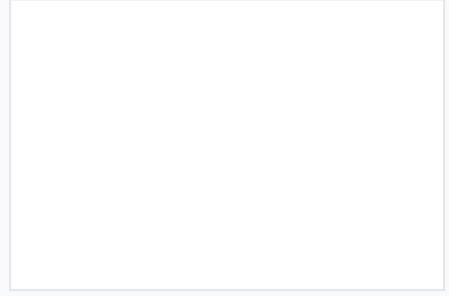
## Technical Components



Precision-engineered rollers and hydraulic systems for consistent metal shaping.



Robust metal frame and precision rollers designed for high-speed operation.



The chain-driven transmission ensures reliable material movement and alignment.

**Roller Material**

#45 steel with hard chrome treatment

**Roller Driven Type**

Chain transmission

## Control System

**Controller**

PLC

**Operation Interface**

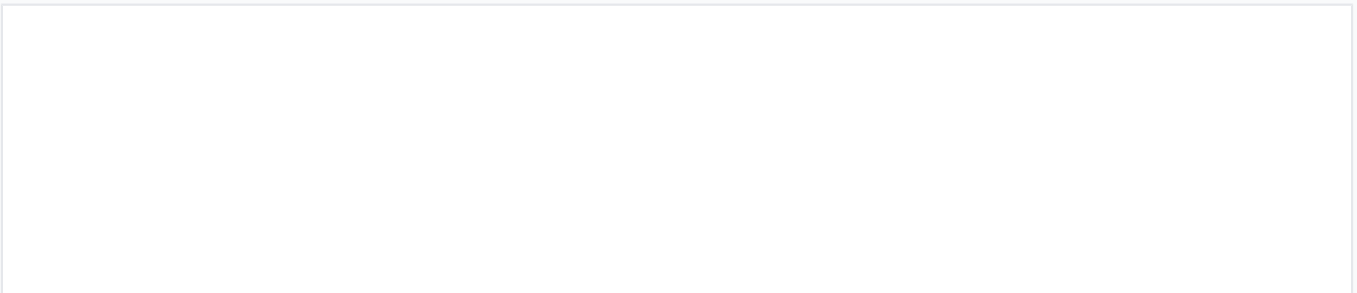
Touch Screen, Manual Buttons

## Physical Dimensions

**Dimensions (L\*W\*H)**

8000 x 1500 x 1500 mm

## Compliance & Quality



The machine is CE and ISO 9001 certified, ensuring international quality standards.

**Certifications**

CE • ISO 9001:2008 • SGS

## System Architecture



Comprehensive system architecture including feeding, roll forming, and cutting systems.

### Key Systems

- Feeding System
- Adjustable Device
- Roll Forming System
- Cutting Equipment
- Press System
- Control Panel
- Panel Supporter