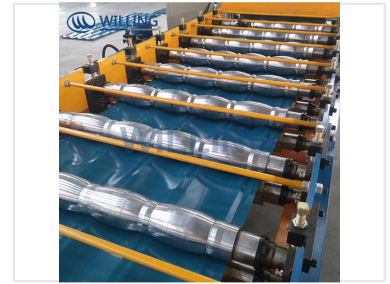


Automatic Wall and Roof Panel Roll Forming Machine

This automatic roll forming machine is designed for manufacturing wall and roof panels. It utilizes a series of shaped rollers to gradually form metal sheets into the desired panel profiles.



ADDITIONAL IMAGES



Overview

High-Efficiency Panel Production

This automatic roll forming machine is engineered for the high-volume production of steel wall and roof panels. It features a robust construction with a precision-engineered chain transmission system and PLC-controlled automation to ensure consistent quality and dimensions. Designed for durability and ease of use, it integrates a touch screen interface for streamlined operation in industrial environments.

Key Performance

Key Performance Metrics

6 m/min

Max Forming Speed

5.5 kW

Main Motor Power

12 Mpa

Hydraulic Pressure

Material Specifications

Compatible Materials	Pre-painted Steel Coil, Galvanized Steel Coil
Material Thickness	0.3 - 0.6 mm
Yield Stress Range	Q235 - 345 Mpa

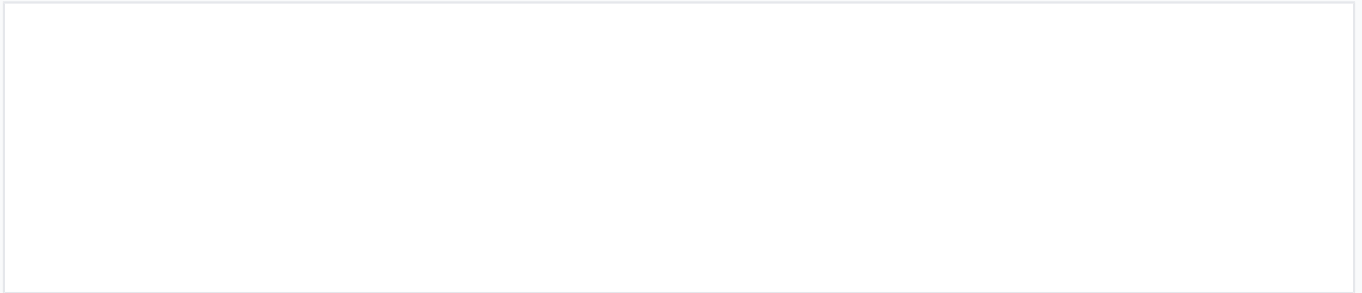
Technical Configuration



Heavy-duty #45 steel rollers with hard chrome treatment for long-term durability.

Roller Material	#45 steel with hard chrome treatment
Roller Driven Type	Chain transmission
Control Unit	PLC with Touch Screen and Button interface
Hydraulic Station Power	5.5 kW

Physical Characteristics



Robust frame construction designed for high-volume panel production.

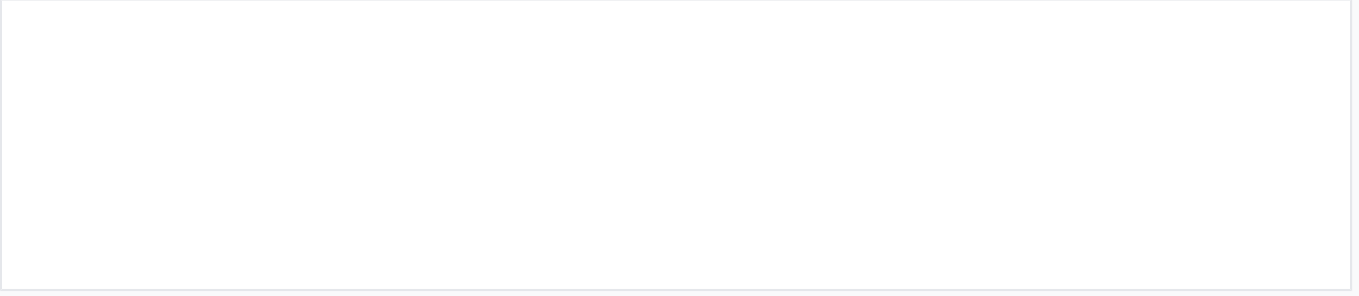
Machine Dimensions (L*W*H)	8000 x 1500 x 1500 mm
Total Weight	8000 kg

Compliance & Quality

Quality Standards

CE • SGS • ISO 9001

System Components



Comprehensive system layout including feeding, forming, and cutting stations.

Integrated Systems

- Feeding System
- Adjustable Alignment Device
- Multi-Station Roll Forming System
- Hydraulic Cutting Equipment
- Press System
- PLC Control Panel
- Panel Supporters