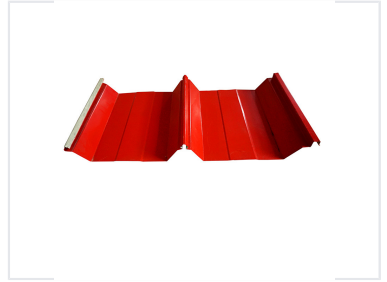


Steel Roof Panel Roll Forming Machine

This rolling mill constructs steel roof panels with a joint-hidden design for large-span structures. The machine forms steel into roofing material, providing a clean and modern aesthetic.



ADDITIONAL IMAGES



Product Overview

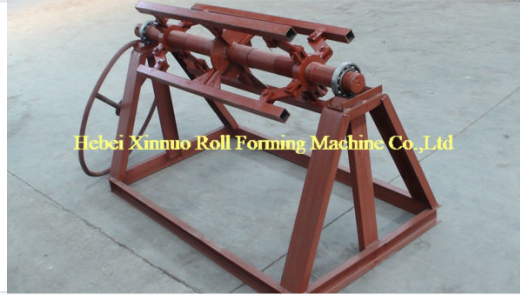


Automated roll forming machine designed for large-span roof panel production.

High-Efficiency Join-Hidden Roof Panel Production

This automated roll forming machine is engineered for the precise manufacturing of joint-hidden steel roof panels, ideal for large-span industrial and commercial roofing applications. It features a robust 350H steel frame and a 17-row roller configuration to ensure high structural integrity and consistent panel quality. Equipped with an advanced PLC control system and a hydraulic cutting mechanism, the machine delivers reliable, high-speed production with a seamless, weather-resistant finish.

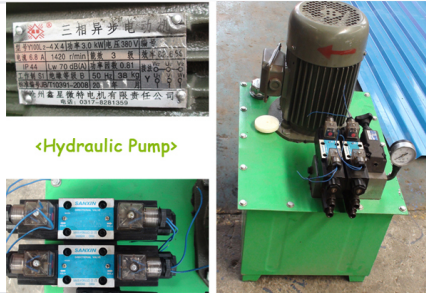
Technical Specifications



Heavy-duty steel frame construction provides stability during continuous operation.

Production Speed	12 m/min
Roller Stands	17 rows
Side Panel Thickness	14 mm
Main Frame Construction	350H Steel

Electrical & Power



<Hydraulic Pump>

High-efficiency hydraulic power unit for consistent cutting and forming force.

Power Requirements

3 kW

Main Motor Power

3 kW

Hydraulic Pump Power

Voltage & Phase

380V / 50Hz / 3-Phase

Materials & Components



Precision-engineered rollers ensure consistent panel profiles.

Material Specifications

Component	Material / Specification
Suitable Steel	Color Steel Plate
Roller Material	Carbon Steel 45#
Blade Material	Cr12 (Quenched 60-62)

System Configuration



User-friendly PLC control system for precise operational management.

Included Components

- Manual Decoiler
- Main Roll Forming Machine
- Post-Cutting Mechanism
- Hydraulic System
- PLC Control System
- Stacking Table

Control System Compatibility

Mitsubishi, Delta, PLC Compatible