

Metal Roll Forming Machine for Shutter Doors and Roofing

This roll forming machine is designed for manufacturing aluminum shutter door slats and alu-zinc roofing steel. It shapes metal into desired profiles through a series of rollers.



ADDITIONAL IMAGES



Overview



Professional Metal Roll Forming Solution

This high-performance roll forming machine is specifically designed for the precision manufacturing of aluminum shutter door slats and alu-zinc roofing steel. It features a robust H-beam frame and a stable cold-rolling process that ensures consistent profile quality for high-volume production. With its space-saving design and user-friendly PLC control system, it is an ideal solution for operators with limited site area looking for reliable industrial output.

Key Performance Metrics

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3 kW

Main Motor Power

3 kW

Hydraulic Power

20 Mpa

Max Hydraulic Pressure

2 mm

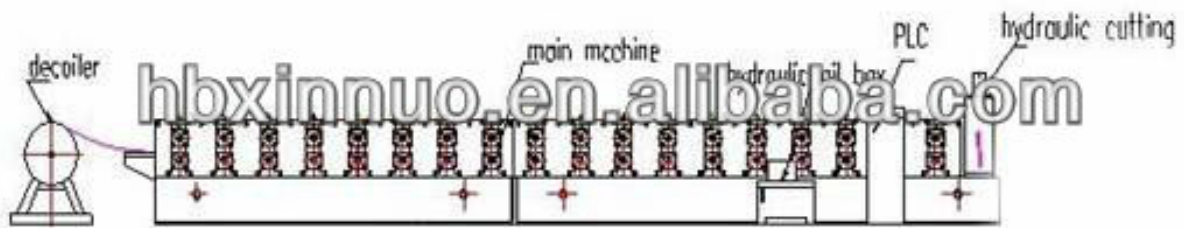
Max Feeding Thickness

Technical Specifications



Electrical Requirement	380V / 3 Phase / 50 HZ (Customizable)
Control System	PLC with Delta Inverter
Main Frame Construction	300mm H-Beam
Backboard Thickness	14 mm
Drive Chain Size	20 mm

Machine Components



Included Components

- Decoiler unit for material feeding
- Main forming machine with multiple stations
- Hydraulic oil box system
- PLC control cabinet
- Hydraulic cutting unit for precise length control

Manufacturing Features



Production Capabilities

- Large CNC frame milling for smoother operation
- Precision CNC ground rollers and shafts
- Electrostatic spraying for high-adhesion finish
- Shot blasting for clean, rust-free frame surfaces

Design Advantages

Space-Saving Structure, Easy Operation, High Accuracy, Durable Rollers, Customizable Profiles

Compliance

Standards & Compliance

CE Certified • ISO 9001 Quality Management