

Corrugated Metal Sheet Forming Machine

This machine forms sheet metal into corrugated profiles. It is designed for efficient production of roofing sheets.



ADDITIONAL IMAGES



Overview



The complete roll forming line featuring a multi-stage forming section and integrated control system.

High-Efficiency Corrugated Sheet Production

This industrial-grade roll forming machine is engineered for the high-volume production of corrugated metal roofing sheets. Featuring a robust 250mm H-beam main frame and 14 forming stations, it delivers precise and consistent profiles suitable for modern residential and industrial architecture. The system integrates a Delta PLC control unit and hydraulic cutting to ensure streamlined operation and accurate sizing for every sheet.

Key Performance Metrics

Performance Highlights

10 m/min

Forming Speed

14 stands

Roll Stations

4 T

Total Weight

Technical Specifications

Material Capacity

| Parameter | Value |
|-------------------|-----------|
| Feeding Width | 1200mm |
| Feeding Thickness | 0.3-0.8mm |
| Forming Size | 988mm |
| Roller Diameter | 80mm |

System Configuration

Included Components

- Manual Uncoiler
- Guiding Platform
- Coil Strip Leveler
- Main Roll Forming Machine
- Electro-Motor
- Hydraulic Cutting Device
- Hydraulic Station
- PLC Control System
- Supporter Table

Power & Control

Control System

PLC Delta Inverter

| | |
|----------------------|---------------------|
| Power Supply | 380V, 3-Phase, 50Hz |
| Main Motor Power | 3 kw |
| Hydraulic Pump Power | 3 kw |

Construction & Materials

Component Standards

| Component | Material/Spec |
|---------------------|---------------|
| Cutter Standard | Cr12 |
| Roller Standard | Cr12 |
| Cr-Plating Size | 0.05mm |
| Backboard Thickness | 14mm |
| Chain Size | 20mm |

Physical Dimensions

| | |
|--------------------|----------------------|
| Overall Dimensions | 7500 × 1600 × 1500mm |
|--------------------|----------------------|

Application



Example of finished corrugated metal sheets applied to a modern residential roof design.



Corrugated profiles produced by this machine are ideal for both roofing and contemporary wall cladding.

Common Applications

Industrial Workshops, Warehouses, Residential Roofing, High-rise Construction, Metal Siding