

Metal Ridge Cap Roll Forming Machine

This machine efficiently produces metal ridge caps for roofing applications. It utilizes rollers to gradually shape metal sheets into the desired profile.



ADDITIONAL IMAGES



Product Overview



Precision roller arrangement for consistent metal shaping.

Professional Ridge Cap Roll Forming Solution

This specialized roll forming machine is engineered for the high-speed and precise production of metal ridge caps used in roofing applications. Featuring a robust steel frame for stability and longevity, the system utilizes a sequence of carefully aligned rollers to shape metal sheets into consistent profiles. It is designed to handle various materials including galvanized steel and aluminum, making it a versatile tool for industrial roofing production environments.

Technical Specifications

Performance Metrics

15 m/min

Max Forming Speed

0.7 mm

Max Material Thickness

550 MPa

Max Yield Stress

Power & Weight

- Main Motor Power: 5.5 kW
- Hydraulic Station Motor Power: 3 kW
- Total Power: 8.5 kW
- Total Weight: Approx. 5000 Kgs

Material Compatibility

Galvanized Steel, Aluminum, Pre-painted Steel

Operational Features

Core Systems

- PLC Control with Touch Screen interface
- Hydraulic Cutting System (12 MPa pressure)
- Chain transmission drive system
- 45# Steel rollers with chrome treatment
- Integrated uncoiler and panel supporter

Service & Support

Support Services

- One year machine warranty
- 24-hour remote technical support via phone/web
- On-site installation and technician training available
- Remote training options via manuals and instructional videos