

Tile Ridge Cap Forming Machine

This machine is designed for the automated forming of tile ridge caps. It utilizes precision rollers and dies to create consistent ridge cap profiles from various materials.



ADDITIONAL IMAGES



Product Overview

Professional Tile Ridge Cap Solution

The Tile Ridge Cap Forming Machine is a robust, automated production solution designed for high-precision manufacturing of various ridge cap profiles. It features a complete workflow from uncoiling to automated shearing, ensuring consistent output for construction materials. Engineered with a PLC-based control system and heavy-duty components, this machine provides the efficiency required for modern industrial metal roofing production.

Technical Specifications

Max Forming Speed	15 m/min
Compatible Sheet Thickness	0.7 mm
Yield Stress	300 Mpa
Total Weight	3000 kg

Performance Metrics

Power Requirements

4 KW

Main Motor Power

3 KW

Hydraulic Motor Power

7 KW

Total Power

System Configuration

Included Components

- Uncoiler and base
- Infeed guides
- Fixed position driven forming stations
- Shearing device
- Hydraulic station
- PLC control console

Technical Configuration

Parameter	Detail
Roller Material	45# steel with chrome
Drive Type	Chain transmission
Hydraulic Pressure	12 Mpa
Controller	PLC with Touch Screen

Capabilities

Supported Profiles

Straight Ridge Cap, Step Tile Ridge Cap