

Light Keel Roll Forming Machine for Ceiling Tiles

This machine is used to manufacture light keels for metal ceiling tiles. It uses rollers to shape metal sheets into the desired profiles.



ADDITIONAL IMAGES



Overview

High-Efficiency Roll Forming Solution

This industrial-grade roll forming machine is specifically engineered for the high-volume production of light keel sections used in metal ceiling tile systems. Featuring a robust construction and fully automated operation, it ensures consistent, high-precision results for diverse construction and interior design applications. The system is designed to handle galvanized sheet materials with adjustable parameters to accommodate various profile requirements, offering a reliable solution for manufacturers seeking durability and performance.

Technical Specifications



Robust machine design featuring integrated hydraulic system and control interface.



Automated control interface for precise process monitoring and speed adjustment.

Key Performance Metrics

25 m/min

Max Productivity

6 kW

Total Power

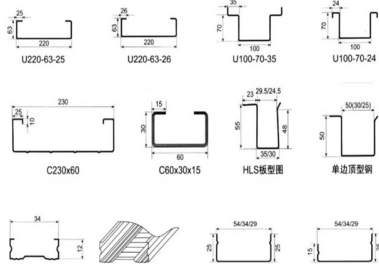
0.6 mm

Max Sheet Thickness

Machine Specifications

Feature	Specification
Operation Mode	Automatic
Roller Material	45# Steel
Compatible Material	Galvanized Sheet
Voltage	AC380V / 50-60Hz
Dimensions (LxWxH)	4000 x 1300 x 1100 mm

Production Capabilities



Detailed profile dimensions for U-shaped and C-shaped light keel configurations.



Precision multi-stand forming rollers ensure consistent profile quality.

Supported Profiles

- U-shaped profiles (e.g., U220-63-25, U100-70-35)
- C-shaped profiles (e.g., C230x60, C60x30x15)
- Single-sided top steel
- HLS plate types

Formed Width

25 x 25 mm

Certification & Standards

Certifications

CE, IAF, JAF