

Light Keel Roll Forming Machine

This light keel roll forming machine is designed for the high-speed production of metal keels. It achieves speeds up to 60 meters per minute and is suitable for manufacturing various keel profiles used in construction.



ADDITIONAL IMAGES



Overview

High-Speed Light Keel Production

This advanced roll forming machine is engineered for high-speed production of lightweight steel profiles, achieving speeds up to 70m/min. It is designed to operate with minimal noise while maintaining high precision for construction components like ceiling keels and drywall studs. The system features a robust gear box drive and automatic collection for streamlined, high-volume manufacturing environments.

Performance Metrics

Key Performance Metrics

70 m/min

Production Speed

7.5 KW

Main Power

50 mm

Shaft Diameter

Material Specifications

Compatible Materials

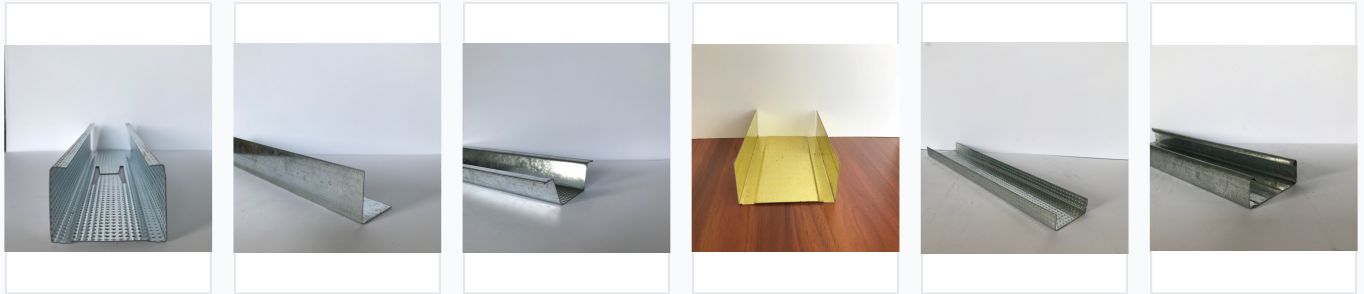
Parameter	Specification
Material Type	Galvanized strip
Thickness Range	0.2 - 1.0 mm

Technical Components

Component Details

Part	Material / Type
Roller Material	CR12
Cutter Material	CR12
Shaft Material	45# steel with chromed
Drive System	Gear box
Roller Stations	10-14 rollers

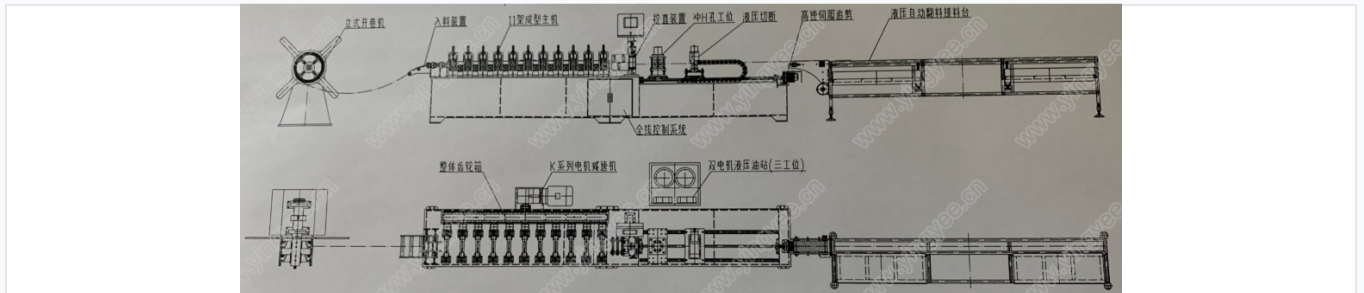
Supported Profiles



Supported Profiles

Angle, Omega, Stud, Track, 38 Main Furring, 50 Furring

Automation Features



Automation Capabilities

- Automatic collection table
- Automatic oil lubrication system
- High-speed servo tracking shear
- Hydraulic automatic tilting receiving table
- Integrated full-line control system

Operational Benefits

Noise Level

Low Noise Operation • High Efficiency