

Light Keel Roll Forming Machine, 70 m/min

This light keel roll forming machine produces steel profiles. It achieves speeds up to 70 meters per minute for efficient production.



ADDITIONAL IMAGES



Overview

High-Speed Light Keel Production

This advanced roll forming machine is engineered for the high-speed production of light gauge steel keels, reaching industry-leading speeds of up to 70 meters per minute. Designed for noise-free operation, it provides a stable and efficient solution for manufacturing essential construction profiles such as studs, tracks, and furring channels. The system integrates automated cutting and collection to ensure consistent quality and high productivity for large-scale building projects.

Performance Metrics

Key Performance Metrics

70 m/min

Max Production Speed

7.5 kW

Main Motor Power

1 mm

Max Material Thickness

Technical Specifications

Compatible Materials	Galvanized strip
Material Thickness Range	0.2 - 1.0 mm
Forming Stations	10 - 14 rollers
Drive Type	Gear box
Shaft Details	45# steel with chromed finish, 50mm diameter

Component Materials

Roller & Cutter Material

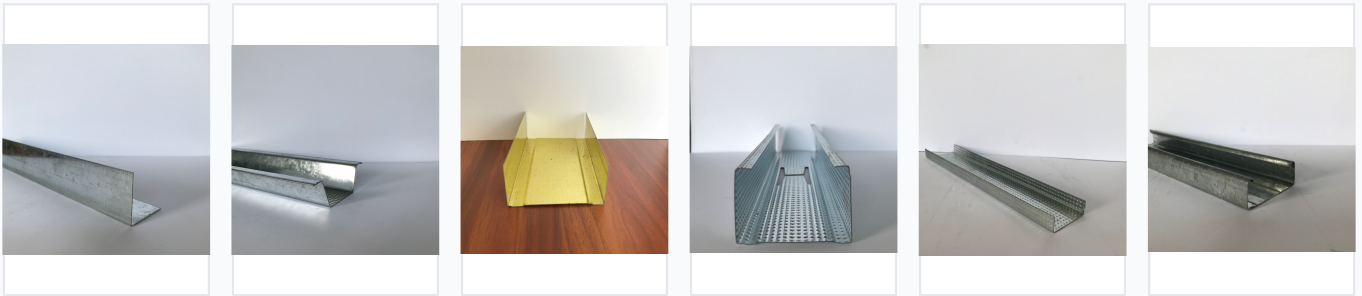
CR12 Steel

Automation Features

Automated Systems

- Automatic collection table
- Automatic oil lubrication system
- High-speed servo tracking shear
- Hydraulic automatic turning and receiving platform
- Online control system

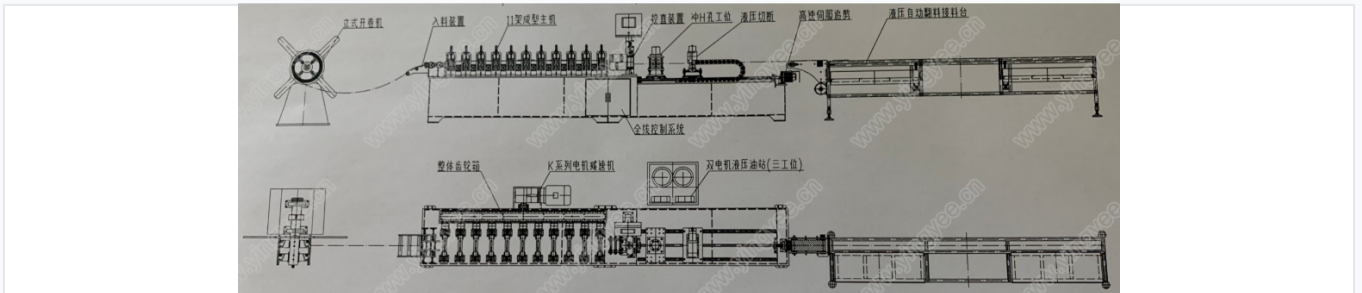
Product Profiles



Supported Keel Profiles

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

Production Process



Machine Technical Process

- Uncoiler (Vertical)
- Material feeding device
- 11-stand forming main engine
- Straightening device
- Punching station
- Hydraulic cutting
- High-speed servo tracking shear
- Automatic collection

Operational Environment

Noise Level

No noise / Low noise operation