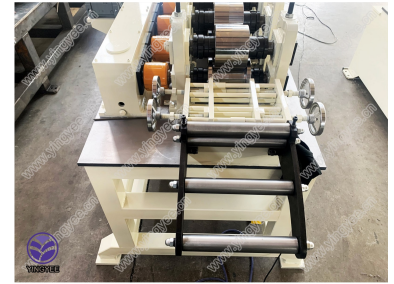


Light Keel Roll Forming Machine

This high-speed machine produces light keels at speeds up to 70 meters per minute. It is engineered for forming light gauge steel into profiles used in ceiling and wall systems.



ADDITIONAL IMAGES



Product Overview

High-Speed Light Keel Production

This advanced roll forming machine is engineered for high-efficiency production of light steel keels, reaching industry-leading speeds of up to 70m/min. It is highly versatile, capable of producing a wide range of profiles including angles, omega shapes, studs, tracks, and furring channels. Designed for professional construction manufacturing, it features automated collection and lubrication systems to ensure continuous, high-volume output with minimal downtime.

Performance Highlights

Key Performance Metrics

70 m/min
Production Speed

7.5 KW
Main Power

50 mm
Shaft Diameter

Technical Specifications

Material Compatibility

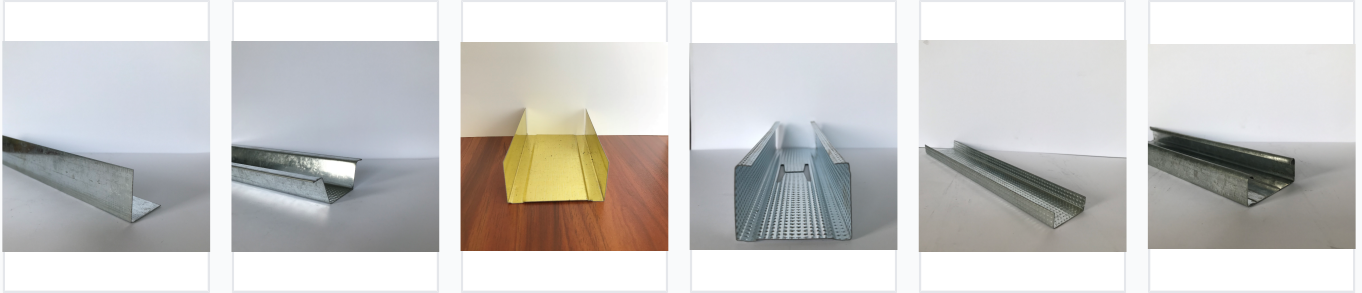
Parameter	Requirement
Raw Material	Galvanized strip
Material Thickness	0.2 - 1.0 mm
Roller Stations	10 - 14 rollers
Drive System	Gear box

Component Materials

Component Durability

- Roller Material: CR12 Steel
- Cutter Material: CR12 Steel
- Shaft Material: 45# Steel with Chromed Finish

Profile Capabilities



Supported Profiles

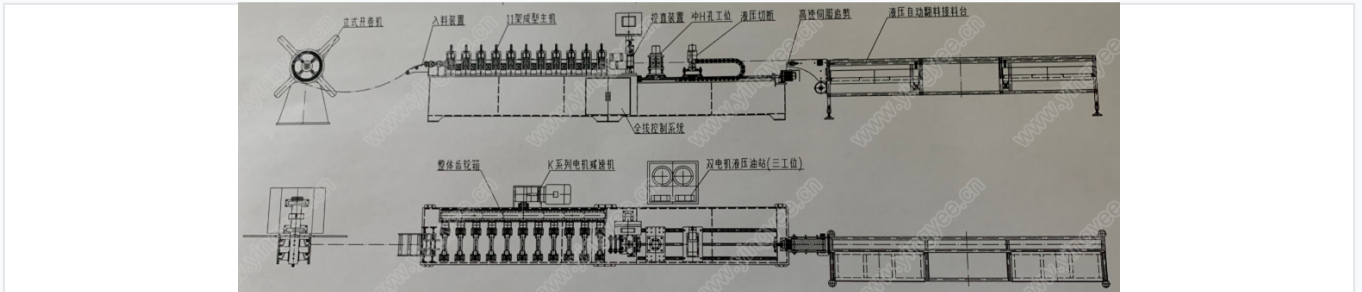
Angle, Omega, Stud, Track, 38 Main Furring, 50 Furring

Automation & Features

Automation Features

Automatic Collection Table • Automatic Oil Lubrication • Low Noise Operation • Servo Tracking Shear • Hydraulic Punching

Production Process



Machine Workflow

- Vertical Uncoiler
- Material Feeding Device
- 11-stand Forming Main Engine
- Straightening Device
- Punching Station
- Hydraulic Cutting
- High-speed Servo Tracking Shear
- Hydraulic Automatic Turnover Receiving Platform