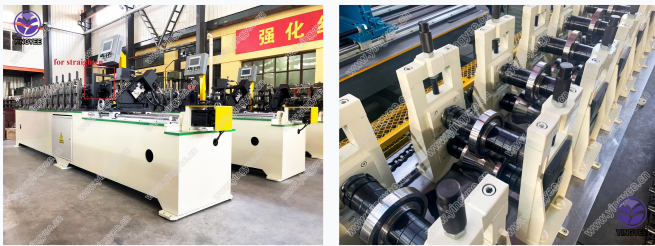


# Light Keel Roll Forming Machine

This machine produces light gauge steel keels at a rate of up to 40 meters per minute. It is engineered for precision and consistency in forming keels for various construction and industrial applications.



## ADDITIONAL IMAGES



## Overview

### High-Speed Light Keel Production

This high-speed roll forming machine is engineered for the efficient production of light gauge steel keels, reaching speeds of up to 45m/min. It is a versatile solution capable of manufacturing a wide range of profiles including L angles, omega shapes, CU channels, and furring strips. Designed for high-volume manufacturing, the system ensures precision forming with minimal material waste and robust reliability for continuous operation.

## Performance

### Production Speed

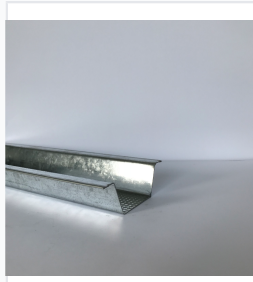
**45 m/min**  
Standard Speed

**25 m/min**  
Punching Speed

## Capability



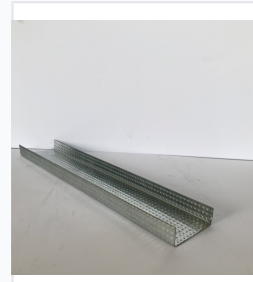
Precision L-angle profile produced at high speed.



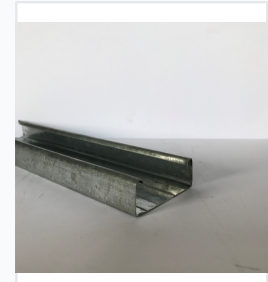
Consistent omega profile formation for ceiling systems.



Accurate CU channel profile output.



Specialized 38 main furring profile.

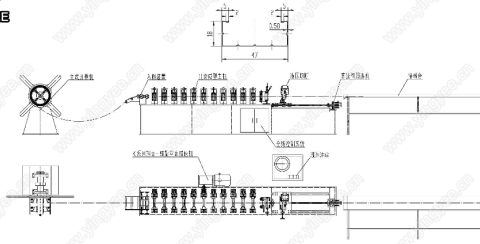


High-quality 50 furring profile production.

### Supported Profiles

L Angle, Omega, CU Channel, 38 Main Furring, 50 Furring

## Technical Process



Complete production workflow from uncoiling to discharge.

### System Components

- Vertical Uncoiler
- Feeding Device
- Multi-stand Roll Forming Main Unit
- Hydraulic Cutting Unit
- Servo Tracking Device
- Discharge Table
- Integrated Control System
- Hydraulic Oil Station

### Process Features

- Precision-engineered rollers for gradual shaping
- Adjustable guides for accurate material alignment
- Advanced straightening mechanisms
- Simultaneous linear output mechanisms

## Construction

### Build Quality

Robust Construction • High-Volume Optimized • Precision Forming • Low Maintenance

## Applications

### Primary Applications

Ceiling and wall systems, light gauge steel framing components for construction.