

Automatic Light Keel Roll Forming Machine

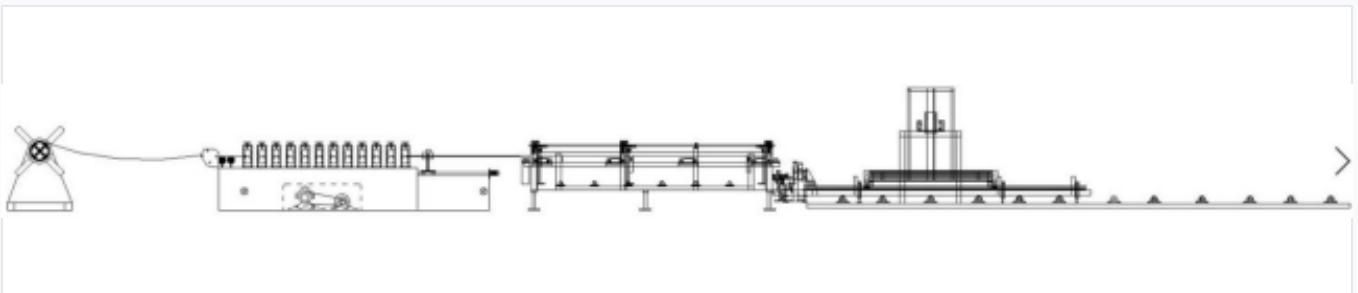
This automatic machine efficiently produces light gauge steel keels. It integrates forming, cutting, and conveying processes to ensure high output and consistent quality.



ADDITIONAL IMAGES



Overview

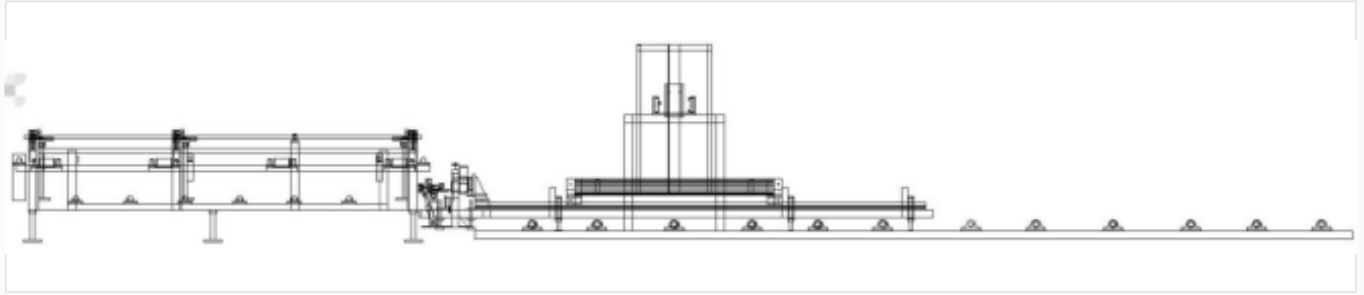


Complete automated production line integrating forming and packing units.

High-Efficiency Automatic Light Keel Production

This automatic packing and roll forming system is designed for the high-speed production of light gauge steel profiles used in drywall and ceiling construction. It integrates feeding, forming, cutting, and automated packing into a single seamless workflow, significantly reducing labor costs and material waste. The system is engineered for precision and consistency, making it an ideal solution for high-volume manufacturing environments.

Technical Performance



The automated packing module ensures efficient stacking and wrapping of finished keels.

Packing Speed Performance

95 m/min

Speed (20 pcs/pkg)

70 m/min

Speed (12 pcs/pkg)

50 m/min

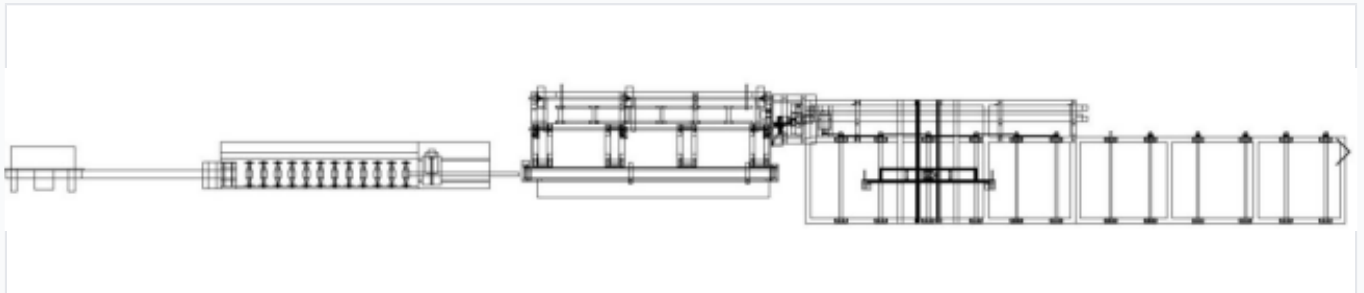
Speed (8 pcs/pkg)

Compatibility

Compatible Forming Machines

38/50 Main Channel, Stud & Track, Drywall Forming Machine

System Components

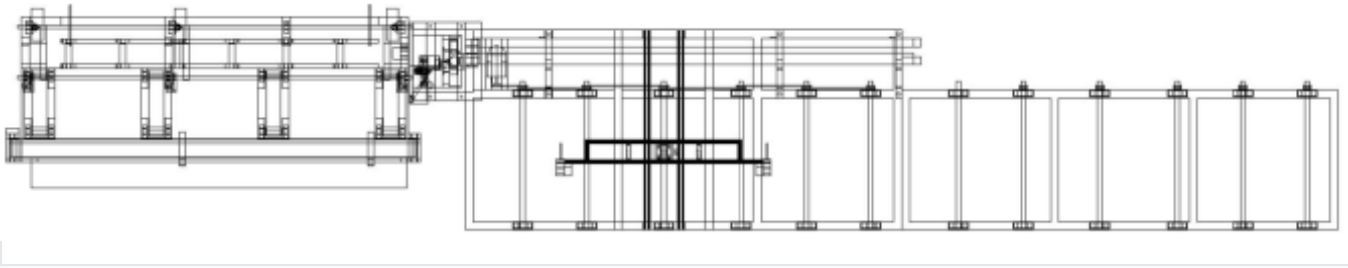


Precision roll forming unit designed for various light gauge steel profiles.

Core System Modules

- Turning material and engaging part
- Tape wound part
- Pull material part
- Labeling part
- Stack part
- Electric control part

Technical Specifications



Detail of the high-speed packing and labeling actuators.

Hardware Components

Pneumatic components and actuators utilize high-quality Taiwan-based specialized brands.

Installation Requirements

Floor Space Requirements

Keel Length	Required Floor Space
3 Meters	7 Meters
4 Meters	9 Meters

Machine Dimensions

L: 8.5m x W: 2.3m

Operational Features

Operational Advantages

Automatic Packing • PLC Controlled • High-Speed Cutting • Adjustable Feeding • Integrated Labeling