

Automatic Width Change Light Keel Roll Forming Machine

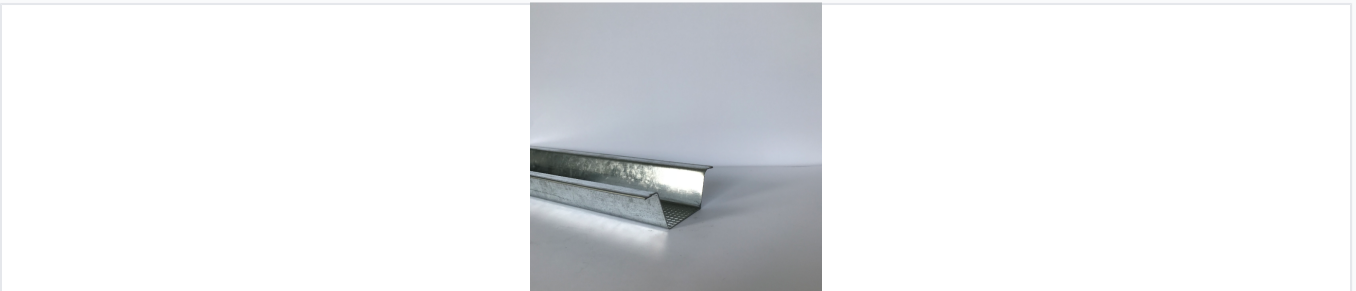
This automatic light keel roll forming machine produces light gauge steel keels with variable widths. The machine features robust construction and precise roll forming technology to ensure consistent output.



ADDITIONAL IMAGES



Overview

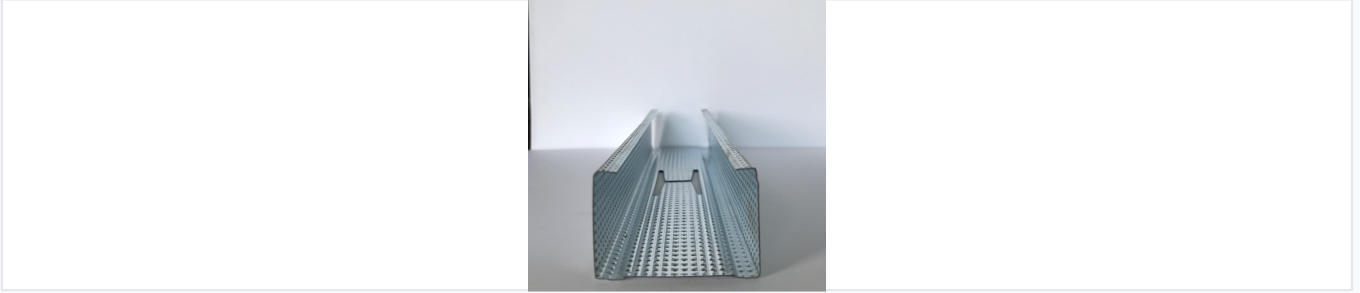


Versatile roll forming machine suitable for various metal profile sizes used in construction.

High-Efficiency Light Keel Production

This automatic width change light keel roll forming machine is engineered for the high-speed, precise production of light gauge steel framing components. It features an advanced automated adjustment system that allows for quick transitions between different keel widths, significantly reducing downtime and increasing manufacturing flexibility. Ideal for high-volume B2B production environments, it ensures consistent quality for drywall and suspended ceiling systems.

Capabilities



The automated system allows for quick and easy transitions between different keel dimensions.

Supported Profiles

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

Technical Specifications



Robust construction ensures stability and high-quality output during high-speed operation.

Forming Speed

30 m/min

Max Speed

Material Thickness Range

0.5mm - 1.2mm

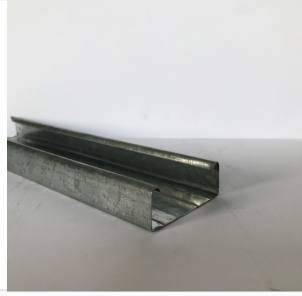
Coil Width Capacity

300 mm

Compatible Material

Galvanized strip

Machine Components



Engineered for high-volume production of studs and tracks for interior finishing.

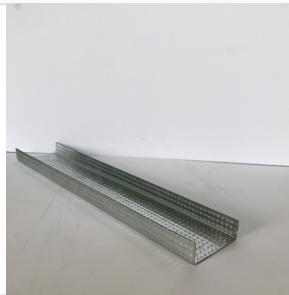
Integrated Systems

- Automatic feeding device
- 10-stand roll forming unit
- Servo tracking hydraulic cutting system
- 1.5kW servo motor
- Hydraulic oil station
- Automatic change-type transmission motor
- Integrated control system
- Receiving table

Safety & Control

Emergency Stop • Protective Guards • Servo Control • Automated Width Adjustment

Profile Dimensions



Flexible settings accommodate a wide range of structural elements for ceiling systems.

Common Keel Widths

Profile Width (mm)	Height (mm)	Radius (mm)
48	8	R0.5
62	8	R0.5
70	8	R0.5
90	8	R0.5
100	8	R0.5