

Light Steel Keel Roll Forming Machine

This roll forming machine produces light steel keels for drywall furring profiles. It shapes color steel plate, galvanized sheet, and aluminum coils into precise forms using a series of rollers.



ADDITIONAL IMAGES



Overview



Complete production line setup including uncoiler, leveling device, and forming stations.

High-Efficiency Keel Production

This light steel keel roll forming machine is engineered for the precise and efficient production of drywall omega furring profiles. It features a robust multi-station rolling system and an advanced PLC-based control interface, allowing for seamless operation and high-volume manufacturing. Designed to handle various metal types including color steel, galvanized sheet, and aluminum, this machine ensures consistent quality and minimal material waste for professional construction applications.

Technical Specifications



Precision roller system and servo-driven cutting mechanism for accurate dimension control.

Roller Stations	10 rows
Roller Material	45# Forged Steel with Chrome Plating
Control System	Delta PLC with Colored Touch Screen
Power Supply	3-Phase, 380V, 50Hz

Material & Processing



Multi-stand rolling system designed for progressive shaping of metal strips.

Production Speed

50 m/min
Max Speed

Compatible Materials	Color Steel Plate, Galvanized Sheet, Aluminum Coils
Feeding Material Thickness	0.3 mm

Uncoiler & Hydraulic System



Integrated hydraulic system and user-friendly control interface for automated operation.

Uncoiler Specifications

Parameter	Value
Inner Diameter	500-508 mm
Max Outer Diameter	1250 mm
Steel Coil Width	600 mm

Hydraulic System Power	3 kW
Uncoiler Loading Capacity	1.5 T