

Metal Roll Forming Machine for UD CD UW CW Profiles

This metal roll forming machine produces UD, CD, UW, and CW profiles. It features a PLC control system, hydraulic station, and cutting device.



ADDITIONAL IMAGES



Overview

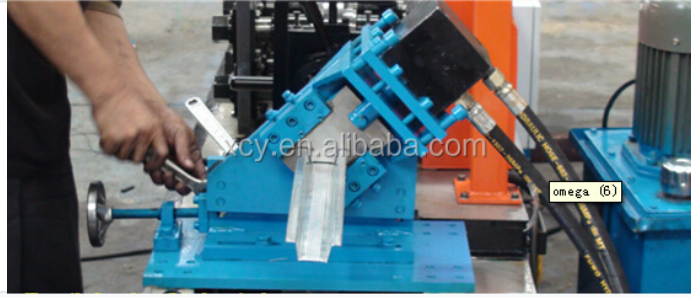


Full view of the roll forming line featuring the main body, motor, and control station.

High-Performance Roll Forming Solution

This industrial-grade metal roll forming machine is engineered for the efficient, high-volume production of UD, CD, UW, and CW profiles. Built with a robust 350mm H-Beam main frame, it ensures structural stability and long-term durability in demanding manufacturing environments. The system integrates advanced hydraulic cutting, PLC control, and precision roller stations to deliver consistent, high-quality metal framing components with minimal material waste.

Technical Specifications



Integrated hydraulic system providing high-pressure power for cutting and forming operations.

Main Motor Power	18.5 kw
Hydraulic Pump Power	15 kw
Power Supply	3-Phase, 380V, 50Hz
Forming Speed	13 m/min
Hydraulic Pressure	19 MPa

Production Capabilities

Forming Size Range	80-300mm
Feeding Thickness	1.5-3.2mm

Machine Construction



Precision roller stations engineered for consistent profile shaping.

Roller Stations	12
Roller Diameter	80 mm
Construction Standards	Cr12 Cutter, Cr12 Roller, 350mm H-Beam Frame
Overall Dimensions	9500 x 1400 x 1350mm
Total Weight	6 T

Components



User-friendly control panel with HMI for precise parameter adjustment and monitoring.

Included Equipment

- Manual Uncoiler
- Guiding Platform
- Coil Strip Leveler
- Main Body
- Electro-Motor
- Hole-Punch Device
- Cutting Device
- Hydraulic Station
- PLC Control System