

Double Layer Corrugated & IBR Roofing Sheet Roll Forming Machine

This machine produces double layer corrugated metal roofing sheets and IBR roofing panels. It shapes metal sheets into the desired profiles using a series of rollers.



ADDITIONAL IMAGES



Product Overview



A dual-layer configuration for simultaneous forming of two different roofing profiles.

High-Efficiency Double Layer Roll Forming

This industrial-grade machine is designed for the high-volume production of both corrugated metal roofing sheets and IBR (Inverted Box Rib) panels. Its unique double-layer configuration allows operators to switch between two different profiles or run them simultaneously, significantly increasing manufacturing versatility and space efficiency. Engineered for durability, the system features a robust steel frame and precision-engineered rollers to ensure consistent, high-quality output for various construction applications.

Technical Performance

Performance Metrics

8 m/min

Min Productivity

12 m/min

Max Productivity

5 T

Uncoiler Capacity

Material Specifications



Capable of processing various metal thicknesses and widths for versatile roofing applications.

Compatible Materials	Color Steel Plate, Galvanized Sheet, Aluminum Coils
Feeding Material Width	914-1250mm
Material Thickness Range	0.3-0.8mm

System Components



Precision-engineered roller stations designed for consistent profile accuracy.

Spare part pictures:



High-quality spare parts including chains and gears for long-term reliability.

Roller System

- Material: High grade No. 45 forged steel
- Stations: 11-18 rows (customizable)
- Shaft Diameter: 70-80mm

Cutting System

- Blade Material: Cr12Mov with quenched treatment
- Drive: Hydraulic
- Control: PLC integrated

Control & Automation



The integrated orange control panel allows for precise adjustment of cutting length and production speed.

Computer Control Cabinet

- Programmable profile length and quantity
- Modes: Automatic and Manual
- Supported Languages: English, Chinese, Spanish, Russian

Hydraulic System

Parameter	Specification
Power	4kW
Oil Type	46# Hydraulic Oil
Working Pressure	12-16Mpa (Adjustable)
Solenoid Valve	1 Group

Product Certifications

Compliance & Quality

CE Certified • ISO 9001 • IAF • CNAS

Service & Warranty

Warranty

1 Year