

# Double Layer Corrugated and IBR Roofing Sheet Roll Forming Machine

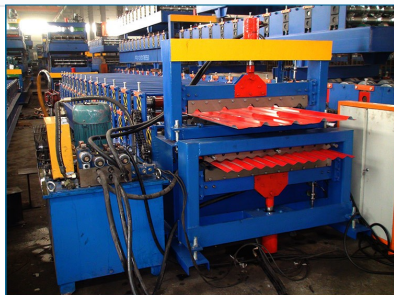
This machine produces double layer corrugated metal roofing sheets and IBR roofing panels. It is designed for efficient and consistent forming of metal sheets into the desired profiles.



## ADDITIONAL IMAGES



## Overview



### High-Efficiency Double Layer Roll Forming

This double-layer roll forming machine is engineered for the high-volume production of both corrugated metal roofing sheets and IBR (Inverted Box Rib) panels. Its innovative two-tier design allows for the production of two different profiles on a single machine, significantly optimizing floor space and increasing manufacturing efficiency. Built with a robust steel framework and advanced PLC controls, it ensures consistent quality and dimensional accuracy for professional-grade roofing solutions.

## Key Performance Metrics

### Performance Highlights

**12 m/min**  
Max Speed

**5 T**  
Uncoiler Capacity

**1 Year**  
Warranty

## Material Specifications



Compatible Materials	Color steel plate, Galvanized sheet, Aluminum coils
Material Thickness Range	0.3 - 0.8 mm
Feeding Material Width	914 - 1250 mm

## Technical Details



### Cutting System

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

Roller Stations	18 rows
Roller Material	High grade No. 45 forged steel
Shaft Diameter	70 - 80 mm

## Control & Hydraulics

### Control Cabinet

- Programmable length and quantity settings
- Automatic and manual operation modes
- Multi-language support: English, Chinese, Spanish, Russian

### Hydraulic System

Parameter	Specification
Motor Power	4 kW
Oil Type	46# Hydraulic Oil
Working Pressure	12-16 Mpa (Adjustable)

## Uncoiler Specifications

### Manual Uncoiler Parameters

- Loading Capacity: 5 Tons
- Inner Diameter: 500-508 mm
- Max Outer Diameter: 1250 mm
- Max Coil Width: 1300 mm
- Main Motor: 5.5KW AC motor

## Quality & Compliance

### Certifications

CE • ISO 9001 • IAF