

IBR Trapezoidal Roof Sheet Roll Forming Machine

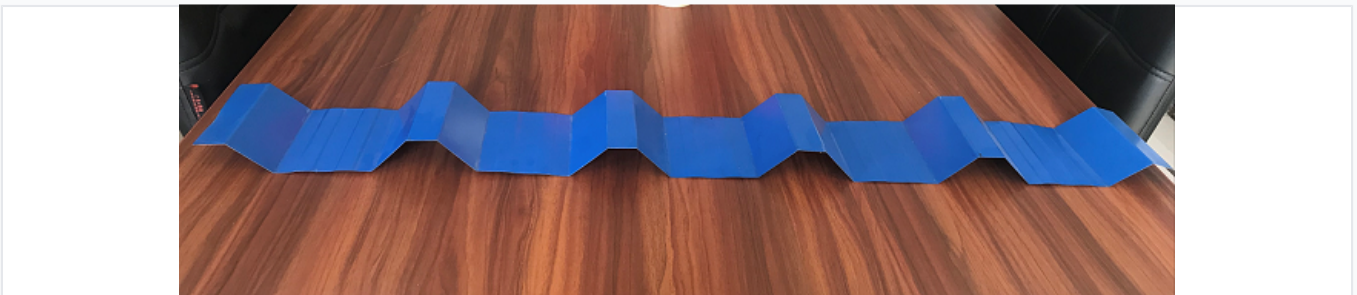
This machine produces IBR trapezoidal roof sheets. It operates at a forming speed of 15 meters per minute.



ADDITIONAL IMAGES



Overview



Example of a finished trapezoidal profile roof sheet produced by the machine.

High-Efficiency Roof Sheet Production

This IBR and trapezoidal roof sheet roll forming machine is engineered for the precise and efficient manufacturing of metal roofing materials. It utilizes a robust chain-driven system with 13 roll stations to gradually shape materials like PPGI, GI, and aluminum into consistent, high-quality profiles. Equipped with a PLC control system and hydraulic cutting, this machine ensures automated, accurate production suitable for demanding industrial and commercial construction applications.

Technical Specifications



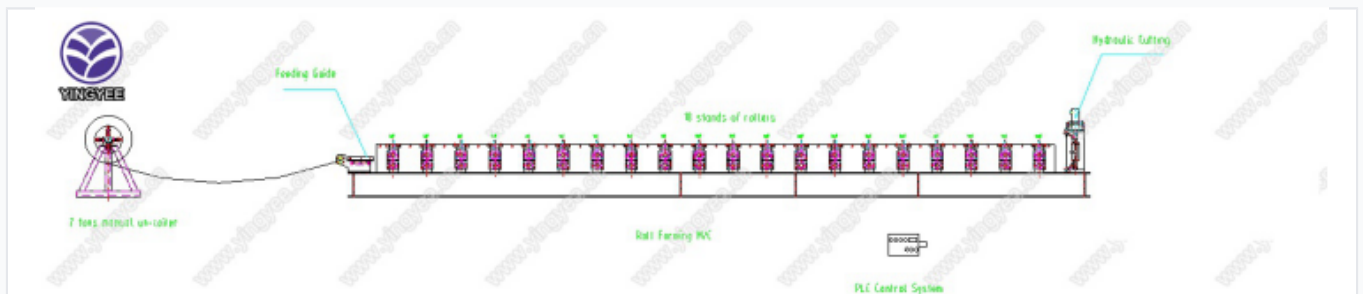
Robust construction featuring a steel frame and integrated roller stations.

Forming Speed	15 m/min
Motor Power	5.5 kW
Compatible Thickness	0.2 - 0.8 mm
Number of Roll Stations	13
Shaft Material & Diameter	45# Steel, 75mm
Drive Mechanism	Chain driven
Cutting Tolerance	±1.5mm per 10m

Materials

Supported Materials	PPGI, GI, Aluminium
---------------------	---------------------

System Components



Machine configuration including un-coiler, feeding guide, roller stands, and hydraulic cutting system.

Included Components

- Manual coiler
- Adjustable input leveling equipment
- Main roll forming machine with chromed plate
- Hydraulic cutting system
- Hydraulic station
- PLC Control system