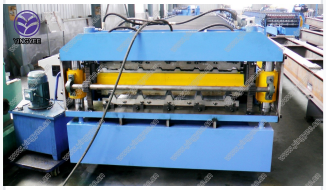
Double Layer Roof Sheet Roll Forming Machine, 30 m/min

This double layer roof sheet roll forming machine produces roofing sheets at a rate of 30 meters per minute. It is designed to form two different roof sheet profiles concurrently.

ADDITIONAL IMAGES



Product Overview

The machine produces high-quality corrugated metal roofing sheets with consistent profiles.

High-Speed Double Layer Roll Forming

This industrial-grade machine is designed for high-speed production of metal roof sheets, reaching speeds up to 30 meters per minute. Its unique double-layer design allows for the simultaneous forming of two different profiles, significantly maximizing efficiency and reducing floor space requirements. Engineered for precision and durability, it provides a reliable solution for high-volume manufacturing of corrugated and trapezoidal roofing materials.

Key Performance Metrics

Full production line setup including decoiler and run-out table for 30m/min operation.

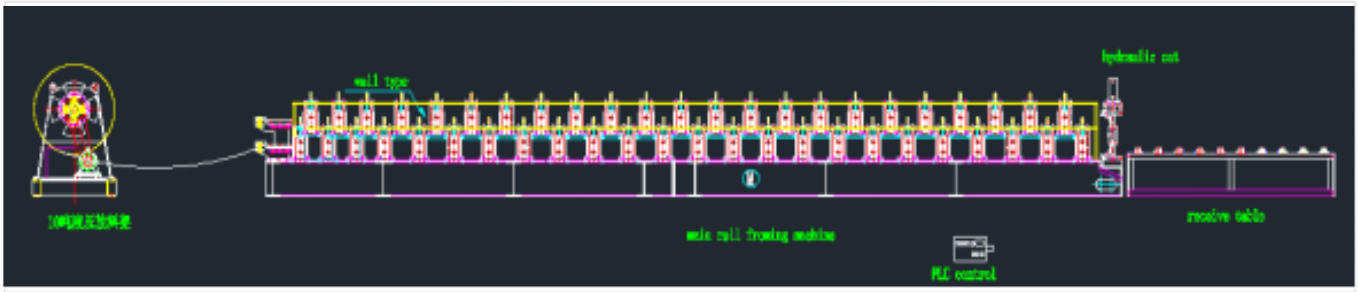
Performance Metrics

30 m/min	7.5 kW	13 T
Max Forming Speed	Main Power	Machine Weight

Material Specifications

Compatible Materials	PPGI, GI, Aluminium
Material Thickness	0.2 - 0.8 mm

Technical Configuration

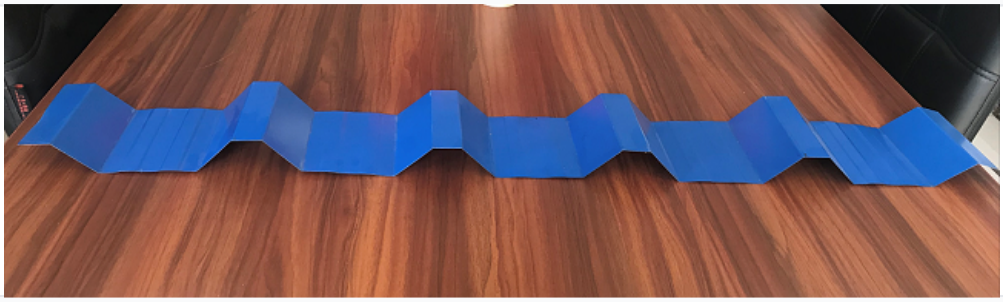


Detailed view of the main roll forming machine, hydraulic cutter, and PLC control unit.

System Components

Component Name	Quantity
Manual Decoiler	2 Sets
Adjustable Input Equipment	2 Sets
Main Roll Forming Machine (Chromed)	2 Sets
Hydraulic Cutting System	2 Sets
Hydraulic Station	1 Set
PLC Control System	1 Set

Mechanical Details



The dual-layer configuration allows for versatile production of different sheet profiles on one machine.

Roll Stations	21
Shaft Material & Diameter	45# Steel, à75mm
Roller Material	45# Steel with heat treatment and chrome plating
Drive System	Chain Driven

Precision & Control

Precision-engineered roll stations ensure accurate forming of various material thicknesses.

Control System
PLC Automated Control

Cutting Tolerance	±1.5mm per 10m
Input Leveling	Adjustable equipment for precision feeding