

Double Profile Metal Sheet Roll Forming Machine

This machine efficiently produces metal sheets with two different profiles in a single pass. It is engineered for high-volume production of roofing sheets, wall panels, and other construction materials.



ADDITIONAL IMAGES



Overview

Dual-Profile Efficiency

This double-layer roll forming machine integrates two distinct profile shapes onto a single body frame, making it an ideal solution for facilities with limited workspace. By sharing a motor, PLC controller, and frame, it maximizes production efficiency while maintaining a compact footprint. Designed for high-volume manufacturing, it supports precise forming of roofing sheets and wall panels with consistent quality.

Technical Specifications

Yield Stress

350 Mpa

Max Yield Stress

Compatible Material

Color steel sheet

Thickness Range

0.7 mm

Performance

Max Forming Speed

15 m/min

Total Power

7 Kw

Hydraulic Pressure

12 Mpa

Construction & Control

Roller Material	45# steel with chrome
Drive Mechanism	Chain transmission
Control System	PLC Controller, Touch Screen, Button Operation
Total Weight	8000 Kg

Process Flow

Production Workflow

- Uncoiling
- Sheet Guiding
- Roll Forming
- Measuring Length & Shearing
- Sheet to Support Table