

# 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