

Double Layer Roofing Sheet Forming Machine

The double layer roofing sheet forming machine produces two different roof sheet profiles simultaneously. This machine saves space and money compared to using two single layer machines, with only one electric control desk and hydraulic station.



ADDITIONAL IMAGES



Overview



The integrated double-layer design features a robust steel frame and precision rollers for consistent output.

Efficient Dual-Profile Production

The Double Layer Roofing Sheet Forming Machine is an innovative solution featuring two independent production lines integrated into a single space-saving frame. This design allows for the manufacturing of two different roofing profiles using one electric control desk and one hydraulic station, significantly reducing equipment costs and maintenance requirements. It is an ideal choice for high-volume production of roofing sheets for industrial, commercial, and residential applications.

Technical Capabilities

Material Specifications

Parameter	Range/Value
Material Thickness	0.3 mm - 0.8 mm
Standard Widths	914mm, 1000mm, 1200mm, 1220mm, 1250mm
Compatible Materials	Galvanized steel, pre-painted steel, aluminum

Available Profile Combinations

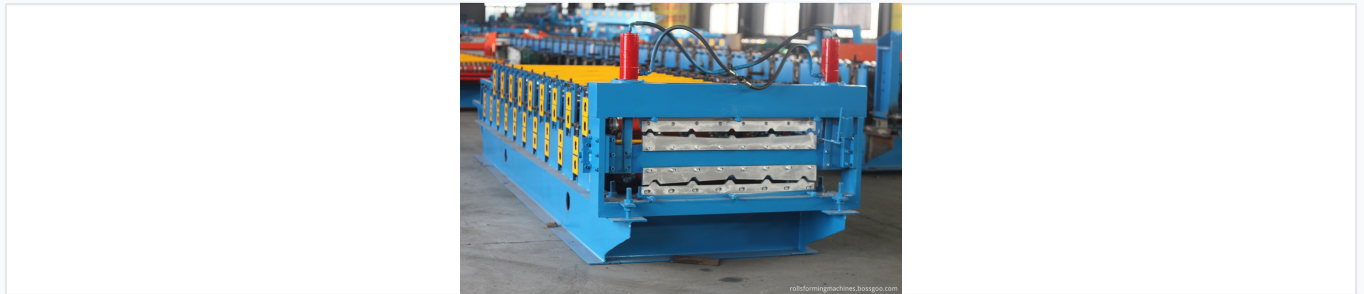
- Trapezoidal + Trapezoidal
- Corrugated + Trapezoidal
- Glazed + Trapezoidal

Key Features

Operational Advantages

Space Saving • Cost Effective • Low Noise • PLC Controlled • Easy Maintenance

System Components



Multiple forming stations equipped with hardened rollers and hydraulic cylinders ensure accurate profile shaping.

Major Components

Decoiler, Feeding Guide, Leveling System, Roll Forming Unit, Hydraulic Cutting System, PLC Control Desk, Run-out Table

Automation Level

Fully automated via Programmable Logic Controller (PLC) for precise length and batch control.

Applications

Typical Applications

- Industrial and civil building roofs
- Warehouse wall cladding
- Large span steel structure houses
- Interior and exterior decoration