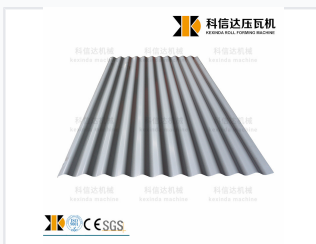


Double Layer Roll Forming Machine

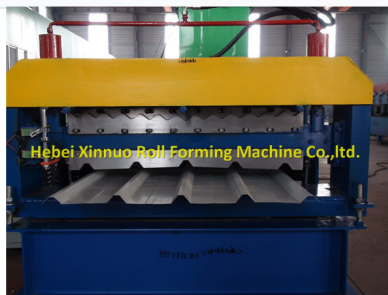
This double layer roll forming machine produces metal profiles. Its dual-layer configuration allows for efficient manufacturing of roofing sheets and wall panels.



ADDITIONAL IMAGES



Overview

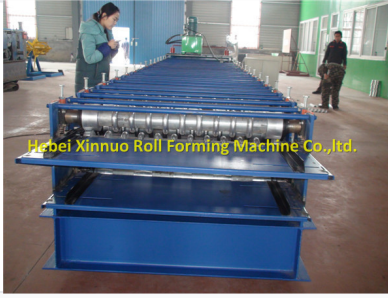


The dual-layer configuration allows for the production of two distinct profiles, maximizing workspace efficiency.

High-Efficiency Double Layer Production

The 836+836 double layer roll forming machine is an innovative solution designed to manufacture two different corrugated sheet profiles within a single compact footprint. This space-saving design is ideal for operations with limited site area, offering a perfectly integrated structure that produces high-quality roofing and wall panels. By combining two machines into one, it significantly reduces equipment costs and enhances production flexibility for B2B manufacturers.

Performance Metrics



High-performance motor and precision-engineered roller stations ensure consistent output quality.

Key Performance Metrics

12 m/min

Maximum Speed

5 kW

Main Power

4 kW

Pump Power

Technical Specifications



Equipped with a robust hydraulic system and yellow safety covers for secure and controlled operation.

Roller Construction

- Material: 45# steel
- CNC-machined precision
- Heat treatment and buffing
- Surface electroplating: 0.05mm Chromium

Control System

Automatic PLC frequency control with text screen

Roller Steps

12 to 18 rows

Diameter of Roller

80 mm

Material Compatibility

Feeding Width

1250 mm

Effective Width

925 / 1080mm (Tolerance $\pm 1/100$)

Material Thickness Range

0.35 - 0.8mm

Physical Dimensions

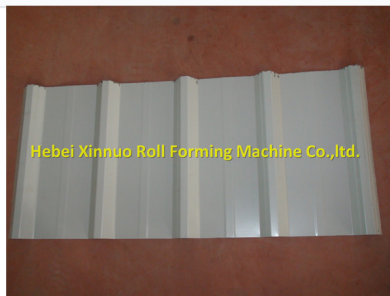


The heavy-duty steel frame provides stability during high-speed roll forming processes.

Main Roll Former Dimensions

8600mm x 1300mm x 1450mm

Capabilities



Adjustable rollers allow for precise control over the final profile dimensions and tolerances.

Operational Advantages

- Space-saving double layer design
- Easy operation for site-limited areas
- Reasonable and robust structure
- Simultaneous profile processing capability

Supported Profiles

Corrugated Sheet, Roofing Panel, Wall Panel, Double Layer Tile

Certifications

Compliance & Standards

ISO 9001 • CE • SGS • CQC