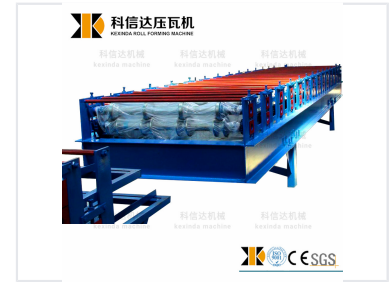
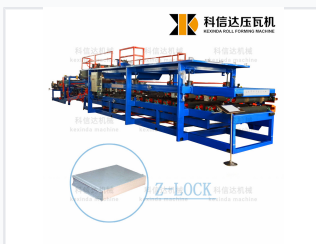


Sandwich Panel Roll Forming Machine

This machine forms sandwich panels with a design resembling traditional roof tiles. It offers resistance to frost, heat, hail, and gales, ensuring 100% waterproof performance due to the lateral run-off channel design.



ADDITIONAL IMAGES



Overview

High-Efficiency Sandwich Panel Production

This roll forming machine is designed for the high-precision manufacturing of insulated sandwich panels used in modern construction. It features a robust forming stand that guarantees uniform quality and a stylish, traditional roof tile appearance for the final products. The system is fully automated to minimize cutting length tolerances and maximize production efficiency for B2B industrial applications.

Technical Parameters



Complete production solution including decoilers, forming units, and automated cutting mechanisms.



Robust construction capable of handling various metal types and thicknesses for industrial applications.

Production Capacity

4.5 m/min
Max Speed

2 m/min
Min Speed

Total Power	30 kW
Total Weight	17 ton
Production Line Dimensions	40000mm x 2500mm x 2200mm

Material Specifications

Compatible Core Materials	EPS, Rock Wool, Polyurethane
Metal Plate Thickness	0.3 - 0.8mm
Core Thickness Range	20 - 300mm

Machine Features



The robust steel frame and multiple forming stations ensure precise shaping of the metal sheets.



Designed for continuous operation and high production volume with integrated material handling.



Multiple stands with precision rollers ensure accurate panel dimensions and consistent profiles.

Control System

PLC Automated Control

Operational Advantages

- Precise roll forming stations
- High-solid forming stand for uniform quality
- Automatic cutting length tolerance minimization
- Integrated decoiling and leveling units
- Hydraulic or pneumatic cutting systems

Final Product Benefits



Finished sandwich panels featuring a durable red exterior and high-performance thermal insulation core.



High-quality panels designed for superior structural integrity and weather resistance in commercial buildings.

Panel Performance

- 100% Waterproof with lateral run-off channels
- Resistant to frost, heat, hail, and gales
- Elegant and noble aesthetic appearance
- Traditional roof tile design profile

Applications

Typical Applications	Industrial Factories, Hotels, Exhibition Centers, Villas, Civil Construction, Warehouses
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