

EPS Sandwich Panel Production Line

This automated production line manufactures EPS sandwich panels for construction. It integrates decoiling, forming, laminating, cutting, and stacking processes to produce insulated panels.



ADDITIONAL IMAGES



Product Overview



Our machines feature beautiful appearance, simple operation, reasonable price, good quality and so on.

Fully automated production line for high-performance sandwich panel manufacturing.

Automated Sandwich Panel Production

This high-efficiency production line is engineered for the continuous manufacturing of insulated sandwich panels using EPS, rock wool, or glass silk floss cores. The system integrates a fully automated process including decoiling, precision roll forming, advanced laminating, and cutting. Designed for consistent quality and high output, it serves as a robust solution for producing construction-grade wall and roof panels.

Technical Specifications



Robust rolling mill mechanism designed for continuous operation and precision forming.

Performance Metrics

4.5 m/min

Max Speed

30 KW

Total Power

25 ton

Total Weight

Thickness Specifications

Component	Range
Plate Thickness	0.3 - 0.8 mm
Core Thickness	20 - 300 mm

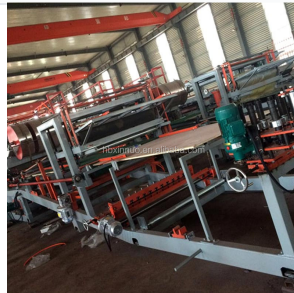
Supported Core Materials

EPS, Rock Wool, Glass Silk Floss

Overall Dimensions

35000mm (L) x 2500mm (W) x 2600mm (H)

System Features



Integrated PLC control system ensures synchronized operation and consistent panel quality.

Control System

PLC Controlled • High Precision • Stable Operation

Manufacturing Process Flow

- Composite Decoiler
- Roll Forming
- Laminating System (Ribbon, Gelatinizing, Heating, Compounding)
- Crimping & Notching
- Edge Trimming
- Cutting System
- Runout Table