

# 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

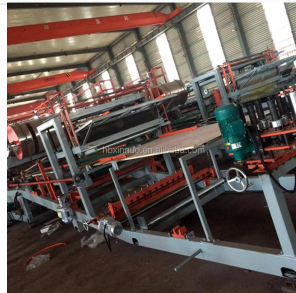
### Supported Core Materials

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