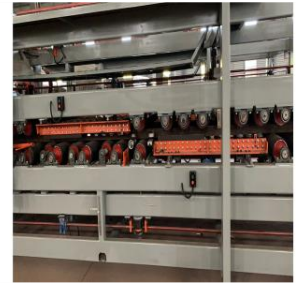


EPS Sandwich Panel Production Line

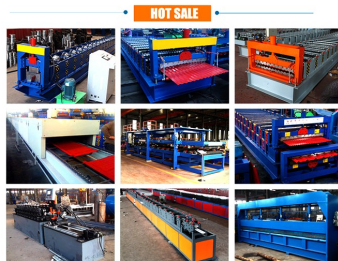
This automated production line efficiently manufactures EPS sandwich panels. It integrates processes such as forming, laminating, cutting, and stacking to create insulated boards.



ADDITIONAL IMAGES



Overview



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

High-performance production line featuring robust construction for continuous operation.

High-Efficiency Sandwich Panel Production Line

This automated production line is engineered for the continuous manufacturing of high-quality insulated sandwich panels. Designed for versatility, the system supports various core materials including EPS, rock wool, and glass silk floss, making it suitable for diverse construction applications such as walls, roofs, and facades. The integrated PLC control system ensures high precision, stable operation, and consistent output, significantly enhancing production efficiency while maintaining strict quality standards.

Technical Specifications



Automated system with integrated heating and bonding stations.

Supported Core Materials	EPS, Rock Wool, Glass Silk Floss
Plate Thickness	0.8 mm
Core Thickness Range	20-300mm
Production Speed	2-4.5 m/min
Total Power	30 KW
Control System	PLC automated control

Dimensions & Weight

Total Weight

25 ton

System Weight

Overall Dimensions

Dimension	Value	Unit
Length	35000	mm
Width	2500	mm
Height	2600	mm

Production Process



Precision roll forming equipment and automated lamination unit.



Overview of the integrated workflow from steel feeding to final cutting.

Workflow Sequence

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