

Sandwich Panel Production Line

This automated production line manufactures sandwich panels with various core materials. The system integrates decoiling, profiling, lamination, cutting, and stacking processes for efficient production.



ADDITIONAL IMAGES



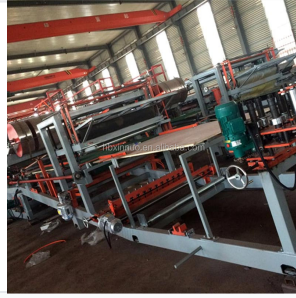
Overview



High-Performance Sandwich Panel Production Line

This automated production line is engineered for the continuous manufacturing of high-quality insulated sandwich panels. Designed for versatility and precision, it supports a variety of core materials including EPS, rock wool, and glass silk floss. The integrated system streamlines the entire production workflow, from decoiling and roll forming to lamination, cutting, and stacking, ensuring efficient output for construction and industrial thermal insulation needs.

Technical Specifications



Production Capacity

4.5 m/min
Max Speed

2 m/min
Min Speed

Plate Thickness	0.3 mm
Core Thickness	20-300mm
Total Power	30 KW
Total Weight	25 ton
Overall Dimensions	35000mm x 2500mm x 2600mm

Operational Features

Control System

PLC Controlled • High Precision • Stable Operation

Compatible Core Materials

EPS, Rock Wool, Glass Silk Floss

Workflow



Production Stages

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