

Sandwich Panel Production Line

This automated line produces sandwich panels used for insulation and structural support. It integrates decoiling, forming, laminating, cutting, and stacking processes for efficient production.



ADDITIONAL IMAGES



Overview



High-Efficiency Sandwich Panel Production Line

This automated production line is expertly designed for the continuous manufacturing of insulated sandwich panels used in diverse construction and industrial applications. Integrating decoiling, roll forming, laminating, and automated cutting, the system ensures precision and consistent quality across the entire production process. Equipped with a reliable PLC control system, this line offers manufacturers a streamlined, high-speed solution to produce panels with various core materials and surface profiles.

Technical Specifications



Production Speed

4.5 m/min
Maximum Speed

2 m/min
Minimum Speed

| | |
|---------------------------|----------------------------------|
| Compatible Core Materials | EPS, Rock Wool, Glass Silk Floss |
| Plate Thickness | 0.8 mm |
| Core Thickness Range | 20-300mm |

Machine Dimensions

| | |
|--------------------------------|---------------------------|
| Total Weight | 25 ton |
| Overall Dimensions (L x W x H) | 35000mm x 2500mm x 2600mm |

Operational Features



Control System

PLC Controlled • High Precision • Stable Operation

Processing Workflow

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