

EPS Sandwich Panel Production Line

This EPS sandwich panel production line is designed for continuous manufacturing of insulated sandwich panels. The line integrates decoiling, profiling, laminating, cutting, and stacking processes for efficient production.



ADDITIONAL IMAGES



Overview



The complete production line setup showing the integrated workflow from decoiling to output.

Automated Sandwich Panel Production

This automated production line is engineered for the continuous manufacturing of high-quality sandwich panels with EPS, rock wool, or glass silk floss cores. The system integrates decoiling, profiling, core insertion, laminating, and precision cutting into a single, efficient workflow. Designed for stability and high precision, it features a PLC control system that simplifies operation while ensuring consistent panel dimensions and structural integrity.

Technical Specifications



Precision rollers and laminating system ensure consistent panel quality.

Plate Thickness	0.3 mm
Core Thickness Range	20-300mm
Production Speed	2-4.5 m/min
Total Power	30 KW
Machine Weight	25 ton
Overall Dimensions	35000 x 2500 x 2600 mm

Capabilities



Automated system for continuous sandwich panel manufacturing.

Control System

PLC Controlled • Automated • High Precision

Compatible Core Materials

EPS, Rock Wool, Glass Silk Floss

Process Flow



Visual representation of the composite board production process.

Production Workflow

- Decoiling
- Roll Forming
- Ribbon Application
- Gelatinizing
- Heating
- Compounding
- Crimping
- Notching
- Edge Trimming
- Cutting
- Runout Table