

# Automated EPS Sandwich Panel Production Line

This automated production line manufactures EPS (Expanded Polystyrene) sandwich panels. The system integrates material feeding, profiling, bonding, cutting, and stacking processes.



## ADDITIONAL IMAGES



## Product Overview

### Automated EPS Sandwich Panel Production Line

This advanced production line integrates roll forming and sandwich panel lamination into a single, automated process, eliminating the need for manual lamination. The system combines mechanical and electrical components into an organic whole, featuring a programmable logic controller (PLC) for precise, consistent operation. Designed for high-volume manufacturing, this line supports continuous production of insulated panels suitable for construction, refrigeration, and prefabricated structures.

## Performance Metrics

### Annual Production Capacity

**500000 sqm**  
Annual Output

### Basis for Capacity

8 hours per day

## System Components

### Laminating System Equipment

- Decoiler
- Feeding system
- Squeezing unit
- Heating system
- Laminating station
- Edge rolling and turnover
- Groove-making
- Edge pruning
- Pneumatic devices
- Automatic cutting
- PLC control

### Roll Forming Machine Components

- Feeding system
- Roll forming system
- Cutting system

## Certifications

### Certifications & Standards

CE, ISO 9001-2000, SGS, UKAS Management