

EPS Sandwich Panel Production Line

This automated production line manufactures EPS (Expanded Polystyrene) sandwich panels through continuous processing. The system integrates material feeding, adhesive application, EPS core placement, panel pressing, and cutting for efficient manufacturing.



ADDITIONAL IMAGES



Overview

High-Efficiency Sandwich Panel Production

This automated production line is engineered for the continuous manufacturing of sandwich panels with EPS, rock wool, or PU cores. Designed for industrial-scale construction and insulation applications, the system features a robust steel-welded frame and precise forming stations to ensure consistent dimensional accuracy. With customizable power requirements and adjustable panel thickness capabilities, this line offers a versatile solution for high-volume manufacturing environments.

Key Metrics

Performance Metrics

4 m/min

Max Working Speed

14 steps

Forming Stations

32 kw

Compound Machine Power

Technical Specifications

Processed Material Properties

Property	Specification
Material	Galvanized steel or Aluminum
Thickness	0.3 - 0.8 mm
Yield Strength	235 - 450 mpa
Core Material Compatibility	EPS, Rock wool, PU

Machine Dimensions & Weight

- Size: 450,000 x 8,000 x 5,000 mm
- Weight: 15.0 Tons

Output Dimensions

- Width: 1000 mm, 1200 mm
- Thickness: 50 - 250 mm

Line Components

Included Line Components

Decoiler, Main forming machine, Control panel, Hydraulic pump, Hydraulic cutting device, Composite forming machine, Manual holder

Operational Requirements

Operational Needs

- Voltage: 380V / 50Hz / 3P
- Electric support wires: 8m²
- Labor requirement: 8-12 workers

Certifications & Support

Compliance

CE Certified • Letters Patent

Warranty and Service

- Warranty: 2 years
- Delivery: 45 days after deposit
- Support: 24/7 online and overseas engineer service