

Continuous Sandwich Panel Production Line

This automated system continuously produces sandwich panels with PU, PIR, or Rockwool insulation. It integrates uncoiling, profiling, foam dispensing, heating, laminating, cutting, and stacking processes for efficient production of wall and roof panels.



ADDITIONAL IMAGES



Overview

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The JF100 type is an advanced automatic production line engineered for the efficient manufacturing of PU, PIR, and Rockwool sandwich panels. This integrated system combines mechanical, chemical, and electrical control technologies to deliver superior thermal and sound insulation with flame-retardant properties. Designed for industrial, commercial, and residential applications, the line ensures precise panel dimensions and consistent production quality through automated PLC-based controls.

Key Features

Core Benefits

- High thermal and sound insulation properties
- Advanced flame retardant material compatibility
- PLC-based automation for simple operation
- Environmentally conscious foaming agents (141B/Pentane)
- High-pressure precision foaming system

Technical Specifications

Production Process Stages

Stage	Description
Material Handling	Decoiling and film coating
Preparation	Pre-cutting and roll forming
Core Process	Preheating, high-pressure foaming, and solidification
Finishing	Band saw cutting, cooling, stacking, and packing

Certifications

Quality & Compliance

CE Certified • ISO 9001-2000 • UKAS Quality Management