

Aluminum Composite Panel Production Line

This automated production line is designed for manufacturing aluminum composite panels (ACP). The system applies and bonds layers using a multi-roller system, precise tension control, and automated quality control mechanisms.



ADDITIONAL IMAGES



Overview

High-Efficiency ACP Production System

This automated production line is engineered for the high-volume manufacturing of aluminum composite panels (ACP). The system integrates advanced material handling, including large unwind stations and precise take-up reels, to ensure consistent output. Designed with robust structural integrity and precision-engineered rollers, it delivers reliable bonding and quality control for professional-grade panel fabrication.

Technical Capabilities

System Components

- Large capacity unwind station
- Multi-roller coating and laminating section
- Heating and drying modules
- Pneumatic pressure cylinders
- Automated take-up reel

Core Features

Automated Production, Precision Tension Control, Multi-Roller Bonding, Automated Quality Control

Performance Metrics

Performance Highlights

1 Automated

Production Mode

1 High-Volume

Application