

Z-Lock Sandwich Wall Panel Production Line

This automated production line is engineered for manufacturing Z-lock sandwich wall panels. The sheet forming roll machine ensures efficient drywall production with precise panel dimensions and consistent quality.



ADDITIONAL IMAGES



Product Overview



Full view of the automated sandwich panel production line.

Industrial Sandwich Panel Production System

This high-capacity Z-lock sandwich wall panel production line is engineered for professional drywall and insulated panel manufacturing. It features a fully integrated, automated workflow that manages material feeding, precision roll forming, insulation bonding, and high-speed cutting. Designed for industrial efficiency, this system ensures dimensional accuracy and robust construction, making it an ideal solution for high-volume building material fabrication.

Technical Specifications



Integrated rollers and forming stations for precise profile shaping.

Plate Thickness	0.55 mm
Core Thickness Range	20-300 mm
Production Capacity	2-4.5 m/min
Total Power	30 KW
Total Weight	25 ton

Process Workflow



Precision roll forming machinery for Z-lock profile consistency.

Production Process

- Composite Decoiling
- Roll Forming
- Ribbon & Gelatinizing
- Heating & Compounding
- Crimping & Notching
- Edge Trimming
- Cutting System
- Runout Table

Material Capabilities

Compatible Core Materials	EPS, Rock Wool, Glass Silk Floss
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Physical Dimensions

Machine Footprint

35 m

Length

2.5 m

Width

2.6 m

Height