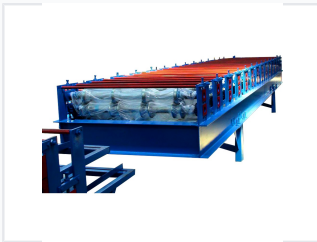


# Sandwich Panel Roll Forming Machine

This sandwich panel roll forming machine continuously produces insulated composite boards. The machine integrates steel feeding, pressing, glue application, foam board integration, compaction, and saw cutting.



## ADDITIONAL IMAGES



## Overview



Fully integrated automated production line for sandwich panels.

### High-Efficiency Sandwich Panel Production Line

This automated roll forming machine is designed for the continuous production of high-quality insulated sandwich panels used in roofing and walling applications. Featuring a robust steel frame and precise PLC control system, the machine integrates coil decoiling, metal roll forming, core material insertion, and lamination into a streamlined process. It is engineered for consistent, high-precision performance, offering adjustable parameters to accommodate various panel thicknesses and core materials like EPS and rock wool.

## Technical Specifications



Detailed view of the roller stations and heavy-duty frame construction.

### Production Speed

**2 m/min**

Slowest

**4.5 m/min**

Fastest

Total Power	30 KW
Machine Weight	25 ton
Dimensions (L x W x H)	35000mm x 2500mm x 2600mm

## Manufacturing Capability



Precision rollers designed for shaping metal sheets into durable profiles.

### Production Process Steps

- Composite Decoiler
- Roll Forming
- Laminating (Ribbon, Gelatinizing, Heating, Compounding)
- Crimping and Notching
- Edge Trimming
- Cutting System
- Runout Table

Compatible Core Materials	EPS, Rock Wool, Glass Silk Floss
Plate Thickness Range	0.3 - 0.8 mm
Core Thickness Range	20 - 300 mm

## Control & Features

### Control System

PLC Integrated • Automated Operation • High Precision