

# Insulated Sandwich Panel Roll Forming Machine

This sandwich panel production line is designed for producing insulation composite boards. It uses a stepless speed regulation system to efficiently produce corrugated composite panels.



## ADDITIONAL IMAGES



## Overview



### Professional Sandwich Panel Production Line

This high-efficiency sandwich panel roll forming machine is engineered for the precise manufacturing of insulated composite panels used in industrial, commercial, and residential construction. Featuring an integrated stepless speed regulation system and advanced PLC control, the machine ensures consistent quality for both EPS and rock wool boards. Its robust, automated design optimizes output while maintaining structural accuracy across a wide range of panel thicknesses.

## Performance

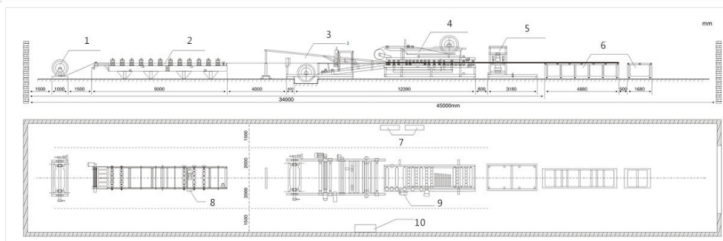


### Production Capacity

**600000 m<sup>2</sup>/year**  
Annual Output

**6 m/min**  
Max Production Speed

## Technical Specifications



1. Steel strips 2. Roll forming unit 3. Material feeding part 4. Forming part for composite panel 5. Composite panel cutting  
6. Material receiving part 7. Glue bucket (white-black glue) 8/9. Control cabinet 10. Electric box

### Technical Data

Parameter	Value
Main Motor Power	32-34 kW
Panel Width	1000mm / 1200mm
Panel Thickness	50-250mm
Steel Coil Thickness	0.3-0.8mm
Machine Weight	17.5t
Voltage	380V / 50Hz / 3Phase

**Control System** PLC system with frequency converter

**Certifications** CE, ISO, TUV

## Facility Requirements

### Required Factory Environment

- Flat concrete flooring
- Compressed air supply 0.4-0.6MPa
- Minimum 5m cornice height
- Minimum 45m effective width
- Voltage fluctuation within 10%