

XPS Foam Board Production Line

This XPS foam board production line creates extruded polystyrene insulation boards with a closed-cell structure. The production line improves insulation, moisture resistance, compressive strength, and durability.



ADDITIONAL IMAGES



Product Overview

High-Efficiency XPS Production

This production line is a comprehensive industrial system designed for the continuous manufacturing of high-quality extruded polystyrene (XPS) insulation boards. It utilizes an advanced dual-extrusion process to create boards with superior thermal insulation, moisture resistance, and compressive strength. Engineered for high-volume output, the system features automated cutting, shaping, and material handling to ensure consistent density and precise dimensional accuracy for construction applications.

Key Features

Core Advantages

High Insulation Efficiency, Moisture-Proof, High Compressive Strength, Durable Construction, CE Certified

System Configuration



The complete industrial production line for high-volume XPS foam board manufacturing.

Production Line Components

- Feeding System
- Primary and Secondary Extruders
- Hydraulic Mesh Exchanger
- Mould and Calibrator
- Dual Haul-off Units
- Longitudinal and Cross Cutters
- Automated Controlling System
- Packaging System

Performance Metrics

Output Capacity

300 kg/h

Capacity (HIM-X-250)

450 kg/h

Capacity (HIM-X-500)

550 kg/h

Capacity (HIM-X-750)

Technical Specifications

Model Specifications

Specification	HIM-X-250	HIM-X-500	HIM-X-750
Product Width (mm)	600	600	600
Product Thickness (mm)	20-100	20-100	20-100
Density (kg/m ³)	33-39	33-39	33-39