

Lightweight Wall Panel Production Plant

This lightweight wall panel production plant is designed for efficient manufacturing of high-quality wall panels. The plant integrates a series of molds and automated systems for material handling, vibration, and demolding.



Product Overview

Advanced Cellular Concrete Production

This production plant is engineered for the efficient manufacturing of lightweight cellular concrete wall and roof panels. Utilizing an advanced one-time casting and forming technique, the system eliminates the need for secondary processing like notching or milling. Designed for high automation and productivity, the plant integrates batching, mixing, casting, and packing into a streamlined workflow suitable for modern steel-structure building construction.

Key Features

Automation Level

Fully Automatic • High Productivity • Customizable

Operational Benefits

- One-time casting and forming technique
- Automated batching, loading, and mixing
- High raw material utilization ratio
- Integrated wrapping and packing system
- Robust machine body for high-pressure formulas

Technical Specifications

Standard Panel Specifications

Type	Length (mm)	Width (mm)	Height (mm)	Pieces/Unit
1	2450	600	75	44
2	2450	600	90	40
3	2450	600	120	32
4	2450	600	150	28

System Components

Core Equipment

Mixing Platform, Moving Casting Machine, Ferry & Turning Machine, Panel Machine, Packing System