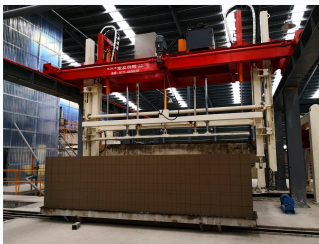


# AAC Block Production Line

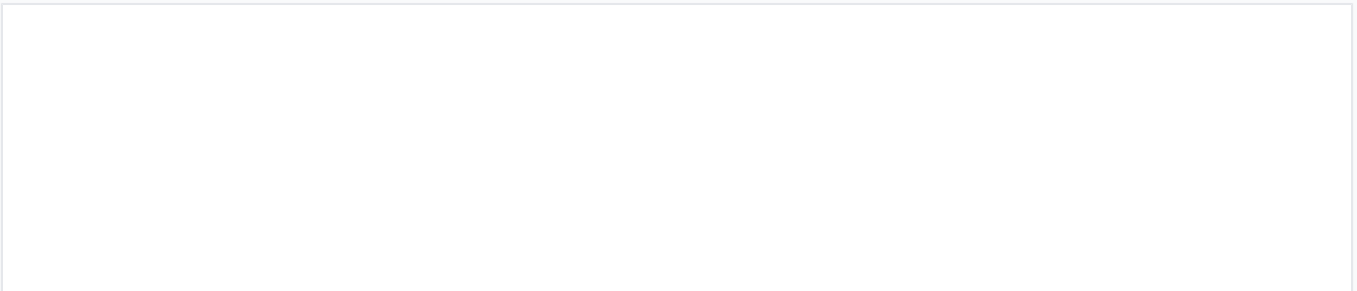
This is an AAC block production line with a production capacity ranging from 50,000 to 500,000 cubic meters. The equipment adopts a process to realize green body turning in the air, fixed-step cutting, hydraulic lifting and conveying, and defoaming treatment.



## ADDITIONAL IMAGES



## Overview



An integrated production layout incorporating advanced mixing, casting, and automated handling for high-throughput manufacturing.

## High-Capacity AAC & ALC Production Solutions

This comprehensive production line is designed for the high-volume manufacturing of Autoclaved Aerated Concrete (AAC) blocks and Lightweight Sand Fly Ash (ALC) panels. Utilizing the advanced Yitong process, the system features automated green body turning, fixed-step cutting, and hydraulic lifting to ensure precision and efficiency. With scalable capacities ranging from 50,000 to 500,000 m<sup>3</sup>, it offers a robust solution for large-scale industrial construction material needs.

## Performance & Capacity

### Annual Production Capacity

**50000 m<sup>3</sup>**

Minimum Capacity

**500000 m<sup>3</sup>**

Maximum Capacity

## Technical Features



The precision cutting unit ensures uniform block dimensions and minimal material waste through a robust hydraulic wire-cutting system.

### Core Process Technologies

- Yitong process implementation
- Green body air-turning technology
- Fixed-step walking cutting system
- Hydraulic lifting and conveying
- Steam drum defoaming treatment
- Hydrothermal ball milling for raw materials

### Automation Features

Computer-Controlled Batching • Automated Handling • Precision Cutting • Hydraulic Control

## Process Advantages

### Operational Advantages

Feature	Benefit
Mixed Grinding	Improves pouring stability and material consistency
Flow-tube Stirring	Shortens stirring time and enhances uniformity
Staggered Batching	Simplifies equipment layout and optimizes staff space
Integrated Layout	Reduces workshop height and shortens waste return paths

## Material Compatibility

Supported Raw Materials	Sand, Fly Ash, Cementitious Materials, Mortar
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