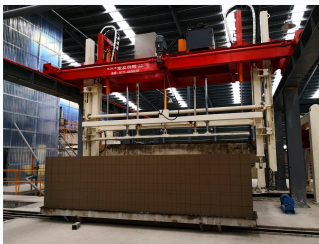


AAC Block Production Line

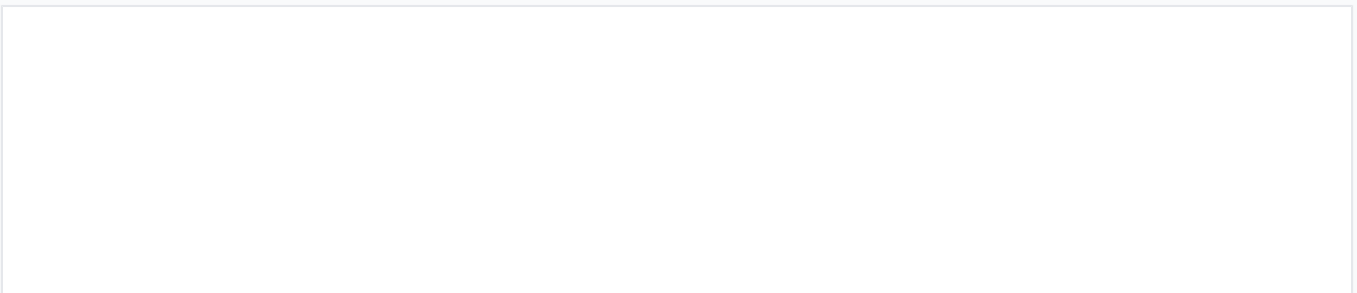
This is an AAC block production line with a production capacity ranging from 50,000 to 500,000 cubic meters. The equipment adopts a process to realize green body turning in the air, fixed-step cutting, hydraulic lifting and conveying, and defoaming treatment.



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 m³, it offers a robust solution for large-scale industrial construction material needs.

Performance & Capacity

Annual Production Capacity

50000 m³

Minimum Capacity

500000 m³

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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