

Automated Aerated Concrete Production Line

This automated system produces aerated concrete blocks and panels. The production line integrates mixing, molding, curing, cutting, and packaging equipment.



ADDITIONAL IMAGES



Overview

Automated Aerated Concrete (AAC) Production Line

This comprehensive production line is designed for the efficient manufacturing of lightweight aerated concrete blocks and panels. The system integrates raw material handling, precision mixing, casting, and advanced cutting technologies to ensure high-volume output. With a focus on quality, the process guarantees a qualified production rate exceeding 98% and rapid trial production success within 3-5 days.

Performance Metrics

Qualified Product Rate

98 %

Qualified Rate

Trial Production Time

3 days

Min Days

5 days

Max Days

Process Workflow

Production Process Steps

- Raw material grinding (Ball mill)
- Slurry mixing and casting
- Pre-curing
- Horizontal and vertical cutting
- Autoclave hardening
- Tilting and stacking
- Packaging

Equipment Components

Core Equipment List

Ball Mill, Slurry Tanks, Lime/Cement Silos, Horizontal Cutting Machine, Vertical Cutting Machine, Autoclave, Tilting/Stacking Unit