

# 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