

Concrete Foam Block Production Machine

This machine automates the production of lightweight concrete blocks. The system efficiently mixes, dispenses, and molds materials to ensure consistent block size and density.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Concrete Foam Block Production

This automated production line is designed for manufacturing high-quality, lightweight concrete foam blocks using industrial waste materials like fly ash, slag, and stone powder. The system utilizes advanced CNC technology for precise material feeding, high-speed mixing, and rapid foaming, ensuring consistent block density and quality. It offers a cost-effective, energy-efficient solution for the construction industry, significantly reducing operational expenses compared to traditional autoclave block lines.

Key Advantages

Operational Benefits

- Low investment with quick return
- 40-50% operational cost compared to autoclave lines
- High degree of automation
- Manpower saving design
- Improved freeze-thaw performance

Sustainability & Efficiency

Energy Saving, Eco-Friendly, Waste Utilization, Low Operation Cost

Technical Specifications

Compatible Raw Materials

- Fly ash
- Slag
- Stone powder
- Industrial waste

Automation Technology

CNC Controlled • Automated Feeding • High-Speed Mixing

Block Characteristics

- Independent closed pores
- Reduced water absorption
- Enhanced freeze-thaw durability