

Mobile Concrete Block Production System

This mobile system is designed for producing concrete blocks. It features a material feeding system, mixer, and control/hydraulic unit, all mounted on wheels for portability.



Overview

High-Efficiency Foaming System

This mobile cement foaming machine is scientifically designed to integrate foaming and stirring processes with stable performance. It enables the production of high-quality light-weight foamed cement with adjustable density, suitable for diverse construction applications including floor heating, roofing, and insulation. The system is engineered to provide excellent thermal insulation, waterproofing, and soundproofing, offering a versatile solution for modern building needs.

Performance Metrics

Density Range

260 kg/m³

Min Density

1600 kg/m³

Max Density

Compressive Strength

0.6 Mpa

Min Strength

3.5 Mpa

Max Strength

System Features

System Components

- Material feeding system with hopper and conveyor
- Integrated mixing unit
- Control and hydraulic power unit

Primary Applications

Floor Heating, Roof Insulation, Sound Insulation, Tunnel Void Filling, Pipeline Protection, Cold Storage Insulation

Portability

Yes

Technical Benefits

Insulation Efficiency

20-30 times more effective than ordinary materials

Waterproofing

Yes