

Calcium Silicate and Fiber Cement Board Production Line

This automated production line manufactures calcium silicate and fiber cement boards. It features a continuous conveyor system and heavy-duty machinery for forming and processing boards.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Production Solutions

This industrial-grade production line is engineered for the high-volume manufacturing of calcium silicate and fiber cement boards. Utilizing advanced three-dimensional design and dynamic simulation, the system ensures precision and reliability in material processing. It incorporates sophisticated control architectures, including PLC, FOCS, and DCS systems, to provide comprehensive automation and operational oversight for modern construction material facilities.

Production Capacity

Calcium Silicate Board Output

- 2 million m²/year
- 5 million m²/year
- 8 million m²/year

Aerated Concrete Output

- 100,000 m³/year
- 150,000 m³/year
- 200,000 m³/year
- 300,000 m³/year

Fiber Cement Cable Pipe Output

600 km/year

Technical Capabilities

Design Methodology

3D Design • Dynamic Simulation

Supported Control Systems

PLC, FOCS, DCS

Additional Equipment

Included Auxiliary Equipment

- Cement preheater system
- Humidifier tower
- Waste heat generation electrical equipment