

Solid Sodium Silicate Production Line

This production line is engineered for the continuous manufacturing of solid sodium silicate. The system integrates a heavy-duty conveyor, interconnected piping, and monitoring instruments for efficient chemical processing.



ADDITIONAL IMAGES



Product Overview

Industrial Solid Sodium Silicate Solution

This production line is a comprehensive industrial solution designed for the efficient manufacturing of solid sodium silicate. The system integrates high-temperature furnace technology with advanced batching and cooling processes to ensure consistent quality output. Designed for scalability and energy efficiency, the line is suitable for operations requiring a daily output between 10 and 160 tons, providing professional versatility for various chemical manufacturing requirements.

Technical Performance

Daily Production Capacity

160 tons Maximum Daily Output	10 tons Minimum Daily Output
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Product Modulus Range	2.0 - 3.5
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Reaction Temperature	1400 °C
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System Equipment

Core Equipment List

- Feeding System
- Slurry Preparation Unit
- Furnace Main Body (Molten Pool, Regenerator, Flue)
- Burner System
- Formed Chain Plate Machine
- Automated Control System

Process Features

Required Feedstock

- Soda Ash
- Quartz Sand

Energy Saving Capabilities

Regenerative preheater, Waste heat recovery, Exhaust temp control