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

Product Modulus Range	2.0 - 3.5
Reaction Temperature	1400 °C

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