

Powder Processing Production Line

This industrial production line is designed for processing concentrated or heavy powders. It includes a hopper, conveyor system, and a cylindrical processing unit for mixing, drying, or other chemical processes.



ADDITIONAL IMAGES



Overview

Advanced Powder Processing Solution

This industrial production line is engineered for the efficient processing of concentrated and heavy powders, such as soda ash, sodium sulfate, and zeolite. The system offers flexible configuration options, supporting both semi-automatic and fully automatic operational modes to suit diverse production requirements. Featuring a conical mixer with three-dimensional composite motion, the line ensures thorough, residue-free blending and reliable performance for chemical and industrial applications.

Technical Features

Mixing Mechanism	Three-dimensional composite motion
Mixer Structure	Conical structure for residue-free discharge
Control System	Advanced, mature, and stable control system

Operational Capabilities

Compatible Raw Materials

- Soda ash
- Sodium sulfate
- Zeolite
- STPP
- Essence
- Nonionic surfactants
- LABSA

Packaging Specifications

- Small bags (25-50Kg)
- Jumbo bags

Operational Modes

Semi-automatic, Fully automatic

Process Workflow

Production Workflow

Stage	Description
Feeding	Manual or automatic raw material input via lift and conveyors
Mixing	Internal atomization and stirring for even blending
Screening	Belt conveyor transfer to screening machine
Packaging	Automated weighing, heat sealing, and quality checking