

Pulp Thickening Equipment for Slurry Separation

Pulp thickeners are essential for dehydrating fine ore and gangue in beneficiation factories. They are used across metallurgy, chemical, coal, non-metal, and environmental protection industries.



ADDITIONAL IMAGES



Product Overview

High-Efficiency Pulp Thickening Equipment

This advanced pulp thickening equipment is designed for effective solid-liquid separation in ore and gangue processing. It integrates filtration and compression techniques to significantly increase dehydration efficiency compared to traditional precipitation methods. Featuring automated control facilities, the system is suitable for diverse applications in metallurgy, coal, chemical, and environmental protection industries.

Key Features

Advantages

- Enhanced settling velocity through flocculant addition
- Increased settlement area via inclined plate technology
- Combined filtration and compression stages for higher throughput
- Equipped with comprehensive automated control systems

Technical Specifications

Standard Model Dimensions and Power

Model	Diameter (m)	Capacity (t/h)	Motor Power (kW)
NZS-1	1.8	1.8	1.1
NZS-3	3.6	3.6	1.1
NZS-6	6	6	3
NZS-9	9	9	3
NZS-12	12	12	3
NZS-15	15	15	5.5
NZS-18	18	18	5.5

Application Sectors

Target Industries

Metallurgy, Chemical Industry, Coal Mining, Non-metal Beneficiation, Environmental Protection