

Spiral Classifier for Mineral Separation

The spiral classifier separates materials by size and density using a rotating spiral conveyor in an inclined trough. Heavier particles settle and are conveyed upwards, while lighter particles are carried away, making it suitable for coal and mineral processing.



ADDITIONAL IMAGES



Product Overview

Industrial Classification Excellence

The FG/FC series spiral classifier provides high-performance wet classification, specifically engineered for grinding loops in ore beneficiation and aggregate production. By leveraging a rotating helical screw, the system effectively separates materials based on density and size, ensuring precise control over overflow granularity. Built for durability, it provides a stable solution for desliming, dehydration, and impurity removal in demanding mineral and sand washing environments.

Technical Configuration

Spiral Options

- Single Spiral Type
- Double Spiral Type

Classification Types

Type	Granularity Range
High Wire Type	0.83 - 0.15 mm
Sinking Type	0.15 - 0.07 mm

Certifications

Industry Standards

CE, ISO 9001, SGS, Bureau Veritas, TÜVRheinland