

# 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