

# Spiral Classifier for Mineral Separation

Classifiers are crucial for ore dressing, with spiral classifiers being widely used. These classifiers separate minerals based on differences in sedimentation velocity, suitable for metal beneficiation production lines.



## ADDITIONAL IMAGES



## Overview

### Industrial Spiral Classifier

This spiral classifier is a high-performance industrial machine engineered for the continuous separation of materials based on size and density. Featuring a robust, inclined trough design with an integrated helical screw mechanism, it is built to withstand harsh operating conditions in mining and construction environments. Its heavy-duty construction and powerful drive system ensure high throughput and reliable long-term processing efficiency.

## Technical Specifications

### Design Features

- Inclined trough design
- Helical screw conveyor system
- Heavy-duty steel construction
- High-capacity drive mechanism

### Performance Metrics

**1 Continuous**

Processing Type

### Primary Function

Material separation based on size and density

## Application & Usage

### Durability Profile

Heavy-duty • Harsh Conditions Compatible • Industrial Grade

### Industry Applications

Mining, Construction, Material Processing, Recycling