

# Mineral Jig Separator

The mineral jig separator separates materials based on density differences in a pulsating fluid medium. It is suitable for processing various minerals, including gold, tungsten, tin, hematite, and manganese.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Mineral Jig Separator

This mineral jig separator utilizes advanced multi-chamber, digitally controlled air valve technology to optimize gravity concentration. Designed for reliability and energy efficiency, the system improves jigging capacity by approximately 20% through its specialized cone slide valve mechanism. Its robust, modular structure ensures ease of transportation and installation, making it a versatile solution for separating valuable minerals like gold, tungsten, tin, and iron from gangue materials.

## Key Features

### Advantages

Digital Air Valve Control, High Capacity, Energy Efficient, Easy Installation, Reliable Performance

## Technical Specifications

### Operating Metrics

**20 %**

Capacity Improvement

### Model Specifications

Model	Chambers	Sieve Area (m <sup>2</sup> )	Capacity (t/h)	Weight (kg)
100x150 Diaphragm	1	0.015	0.018-0.6	130
300x450 Double-Chamber	2	0.27	3-6	745
1000x1000 Cone	2	2	10-25	1700
370x360 Cone	2	0.274	1-3	240
Ladder Diaphragm	3	2.7	12.5-37.5	2000