

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 ²)	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