

Mineral Gravity Separator Shaking Table

This shaking table is utilized in various separation processes, including roughing, concentration, and scavenging. It effectively separates coarse sand, fine sand, and slurry.



ADDITIONAL IMAGES



Product Overview



Side view of the gravity concentration shaking table showing the riffled deck structure.

Gravity Separation Excellence

The Mineral Gravity Separator Shaking Table is a core component in ore dressing lines designed for efficient mineral concentration. By utilizing a combination of specific gravity, inertia, and frictional forces on an inclined, riffled deck, it effectively separates materials into concentrate, middlings, and tailings. It provides a versatile solution for processing coarse sand, fine sand, and slurry across various mining operations.

Technical Capabilities

Suitable Ores	Gold, Tungsten, Tin, Iron, Manganese, Coal
Effective Granularity Range	2.0 - 0.22 mm

Operational Features

Process Functions

- Roughing
- Concentration
- Scavenging

Adjustable Parameters

- Stroke length
- Stroke frequency
- Deck slope

Performance Metrics

Performance Key Indicators

120 Tons

Capacity Reference