

# 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