

Grain Suction Gravity Separator

This suction gravity separator efficiently separates stones and heavy impurities from grains. It utilizes a vibrating screen and upward suction to stratify materials based on density, removing contaminants like stones, glass, and metal particles.



Product Overview

High-Efficiency Grain Purification

The Suction Gravity Separator is designed for the high-performance removal of heavy impurities such as stones, glass, and metal particles from grain streams. By utilizing a sophisticated combination of vibrating screens and targeted upward suction, the machine effectively stratifies materials based on density. This robust solution ensures consistent output quality, making it an essential component for professional grain processing facilities.

Technical Specifications

Contaminants Removed

- Stones
- Glass fragments
- Metal particles
- Heavy density impurities

Separation Method

Vibrating Screen, Upward Air Suction, Density Stratification

Operational Control

Adjustable Settings

- Vibration frequency
- Air volume control

Operational Performance

100 %

Primary Separation Efficiency