

Steel Ball Sorting Machine

This machine is designed for the automated sorting of steel balls based on diameter and roundness. It utilizes a roller system and optical sensors to accurately measure and categorize steel balls.



Overview

Precision Steel Ball Sorting

This high-precision steel ball sorting machine is engineered for industrial environments requiring strict quality control. Featuring a totally enclosed design to prevent dust interference and an integrated moisture-proof fan system, it ensures consistent performance. With a high-capacity container capable of holding up to 350kg of material and four groups of rollers working in tandem, this unit delivers high-efficiency sorting for production lines.

Key Features

Operational Features

- High-precision defect detection down to 0.005mm
- Totally enclosed design for dust protection
- Moisture-proof system with integrated fan
- Real-time display for operational monitoring
- Sensor-based low-material warning system

Technical Specifications

Performance Metrics

0.001 mm

Sorting Precision

350 kg

Max Capacity

260 rpm

Max Roller Speed

Dimensions and Weight

Parameter	Value
Overall Size (L x W x H)	1200 x 705 x 1560 mm
Net Weight	380 kg
Ball Size Range	Æ3.0 - Æ10.0

Power and Electrical

Specification	Value
Motor Power	120 W
Power Supply	220V / 50Hz
Vibration Force	e 2.7KN

Roller Details

Effective classification length: 460mm; Roller diameter: Æ35mm