

Mini Grain Sorting Machine



COMPACT | EXCELLENT | STABLE | EFFICIENT

- The fifth-generation FPGA smart chip (100% increase in capacity, 40% increase in computing, 40% reduction in power consumption)
- Small structure, convenient and practical, minimalist design
- Extraordinary sorting performance, extremely cost-effective
- Brand-new platform architecture, standardization, modularization, high stability, low failure rate.



AI INTELLIGENT SORTING

One-key intelligence, intelligent simulation, real-time online tracking, ultimate operation.



BID DATA

Cloud storage, massive database, a wide range of rice material solutions, smart backup, multiple sorting in one machine.



DUST REMOVAL AND ANTI-BREAKING

Adopting feeding protection + soft landing and buffering device, no back-and-forth cleaning of ash, depth reduction of rice-type material breakage, no shutdown of ash removal, adaptive dust cleaning



BALANCED FEEDING

Adaptive material level flow rate system, vibrator equalizes the flow, guarantees the sorting effect, and improves the color sorting output



HIGH-PRECISION IMAGE PROCESSING SYSTEM

The ingenious combination of imaging and recognition systems, multi-spectral confocal technology, amplify and comprehensively identify various colors, shapes, textures and other features, to achieve the most abundant functions.



TARGET POSITIONING

Centroid, centroid coordinate algorithm, material cross positioning.



SUPER ALLOY HIGH FREQUENCY SOLENOID VALVE

National patent, high frequency and low consumption, wear-resistant and high-temperature super alloy, matching for life



CLOUD GUARDIAN

Remote debugging, remote operation, remote diagnosis



INTELLIGENT QUALITY CONTROL

Real-time statistics of the output of rice materials, yellowing, different color, crushing, etc., and support for historical data query



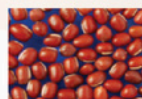
SORTING

APPLICATIONS

BEANS

PEANUT

SEEDS



Red Bean Accept



Red Bean Reject



Soybean Accept



Soybean Reject



Mung Bean Accept



Mung Bean Reject



Peanut Pod Accept



Peanut Pod Reject



Peanut Pod Single Head



Peanut Accept



Bud Head Peanut Reject



Peanut Reject



Sunflower Seeds Accept



Sunflower Seeds Reject



Watermelon Seeds Accept



Watermelon Seeds Reject



Pumpkin Seeds Accept



Pumpkin Seeds Reject

TECHNICAL PARAMETERS

Model	Throughput (T/H)	Carryover Ratio (bad: good)	Accuracy (%)	Voltage (V/Hz)	Power (KW)	Weight (Kg)	Dimension (mm)
Z64	0.5-1	>10:1	>99.9%	220/50	0.6-0.8	280	873*1615*1530
Z128	1-2	>10:1	>99.9%	220/50	0.6-0.8	650	1944*1784*1530

FOR MORE DETAILS ☎ **+91 8248461039**



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