ANYSORT | JXO

Quality Sorting Strategy Upgrade

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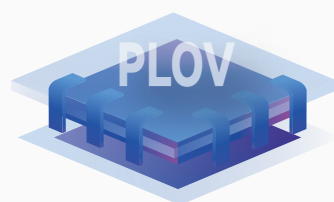
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Grain Cloud Quality Sorting Solutions

New Era of AI Quality Sorting
Comprehensive Upgrade

ANYSORT

New Platform Architecture

6 Core Technologies

PLOV Platform 2.0

Ensure that the materials in the channel are evenly laid without stacking during high-speed falling of sorted materials.

Hawkeye Camera Technology 3.0

Bionic hawkeye recognition technology 3.0
High speed dynamic recognition

Independent Environmental Purification Technology

Independent environmental purification technology ensures that the sorting accuracy is not affected by factors such as dust during the production and processing.

AI large model in sorting industry and super computing power platform
Intelligent dynamic adaptive sorting of materials
Artificial intelligence leaps from image recognition to understanding and judgment levels.
Building a qualitative universe where 「everything can be sorted」.

AI Quality Sorting Large Model

AI large model of sorting industry is a leap from artificial intelligence
「recognition」 to 「understanding」.

MPF Multi-pixel Fusion Technology

Based on the characteristics of infrared spectra of different substances, different substances are essentially distinguished.

VISIBLE   NIR   SWIR
CCD/CMOS   InGaAs

Intelligent Control System

Closed loop control system for production line, efficient linkage
Leading the era of unmanned 3.0 intelligent factories

Everything is Sortable under
AI Cloud Quality Sorting

AI Cloud Quality Sorting Solutions

It is comprehensively applied in the sorting scenarios of wheat, corn, sorghum, oat, millet, and various legumes. The comprehensive application of AI quality sorting massive data model greatly improves the accuracy and efficiency of materials sorting. Customization of sorting standards can also be made according to different sorting needs to improve processing quality for customers.

corn	wheat	sorghum	millet

quinoa	sesame	oat	big millet

myotonin	buckwheat	flaxseed	lotus seed

broad bean	red kidney bean	mung bean	soy bean

coffee bean	raw coffee bean	red been	white kidney bean

speckled kidney bean	chickpea	lentil	black bean

SH

Cloud Quality Sorting Product

SH PLUS Series

PLOV platform technology 2.0 maintains even falling and soft landing of materials in high output and high speed sorting scenarios.

It can accurately identify subtle differences in color, shape, size, and material and remove unwanted materials to meet different material characteristics, impurities, and quality requirements.

It significantly improves the removal efficiency of fungal toxins, allergens, and foreign objects.

Intelligent independent dust treatment system ensures continuous and stable sorting performance under complex working conditions.

Equipped with Jiexun cloud control system, the processing production line is moving towards intelligence and unmanned operation.
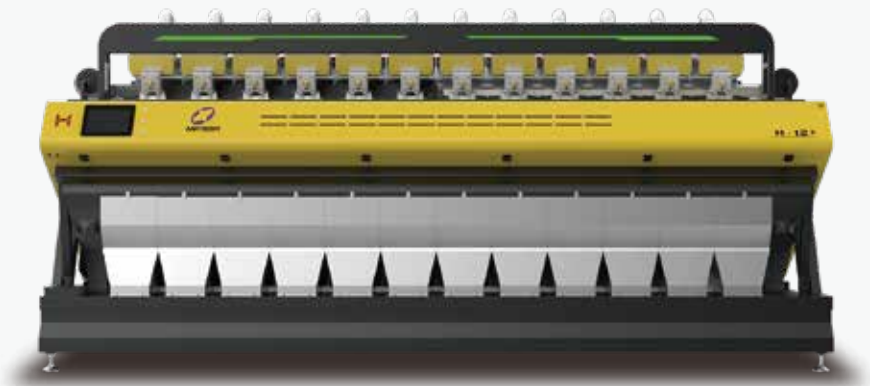
Product Parameters

Model	Throughput (t/h)	Accuracy (%)	Carryover Ratio	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
SH5 PLUS	3-15	≥99.99	> 100:1	2.6	220/50	2550*1760*2135	1400
SH7 PLUS	5-21	≥99.99	> 100:1	3.5	220/50	3230*1760*2135	1810
SH8 PLUS	5-24	≥99.99	> 100:1	3.9	220/50	3570*1760*2135	2030
SH10 PLUS	7-30	≥99.99	> 100:1	5	220/50	4150*1760*2135	2900
SH12 PLUS	8-36	≥99.99	> 100:1	5.9	220/50	4830*1760*2135	3400

The specific parameters may vary depending on the environment, materials, and impurities.

H

Cloud Quality Sorting Product

PLOV physical structure platform technology ensures even materials falling in high-yield production, with ultra-high sorting accuracy.

Supported by AI quality sorting large model, it accurately identifies subtle differences in color, shape, size, and material, comprehensively improving the ability of shape sorting and impurities removal.

MPF multi pixel fusion technology can accurately remove color defects, shape defects, size defects, and foreign objects.

Product Parameters

Model	Throughput (t/h)	Accuracy (%)	Carryover Ratio	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
H-1	0.5-2	≥99.99	> 30:1	1.0	220/50	1589*1727*2177	792
H-2	0.5-3	≥99.99	> 30:1	1.6	220/50	1589*1727*2177	885
H-3	1.0-6	≥99.99	> 30:1	2.1	220/50	2269*1727*2177	1180
H-4	1.0-6	≥99.99	> 30:1	2.7	220/50	2269*1727*2177	1270
H-5	5.0-15	≥99.99	> 30:1	3.2	220/50	2609*1727*2177	1470
H-7	5.5-20	≥99.99	> 30:1	4.6	220/50	3289*1727*2177	1850
H-8	5.5-20	≥99.99	> 30:1	5.2	220/50	3629*1727*2177	2050
H-10	7-28	≥99.99	> 30:1	6.4	220/50	4309*1727*2177	2410
H-12	7-30	≥99.99	> 30:1	7.6	220/50	4989*1727*2177	2800

The specific parameters may vary depending on the environment, materials, and impurities.

SC

Cloud Quality Sorting Product

PLOV platform technology maintains even falling of materials in high output and high speed sorting and reduces breakage.

Pioneering channel type AI quality sorting accurately distinguishes subtle differences in color, shape, sizes and material.

MPF multi pixel fusion technology significantly improves the removal efficiency of insect eroded particles, moldy particles, as well as foreign objects such as glass, clod, stone, etc.

Independent dust treatment system efficiently handles the sorting of materials with dust or materials with loose and fragile skin.

Equipped with Jiexun cloud control system, the processing production line is moving towards intelligence and unmanned operation.

Product Parameters

Model	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
SC192 PRO	1.3	220/50	1870*1690*2194	1170
SC320 PRO	2.1	220/50	2550*1671*2194	1400
SC448 PRO	2.9	220/50	3230*1690*2194	1930
SC512 PRO	3.4	220/50	3570*1690*2194	2230
SC640 PRO	4.2	220/50	4100*1671*2194	2950
SC768 PRO	4.9	220/50	4640*1671*2194	3350

The specific parameters may vary depending on the environment, materials, and impurities.

TK

Cloud Quality Sorting Product

Hawkeye camera technology accurately identifies subtle differences in color and shape of materials.

PLOV physical structure technology achieves efficient sorting and grading, higher output and high precision.

Based on quality sorting massive data model, it can effectively sort nut kernels, shells, as well as various foreign objects and color defects to improve consistency of product quality.

Product Parameters

Model	Power (kw)	Power Supply (V/Hz)	Dimension (L*W*H mm)	Weight (kg)
TK64	2.4	380/50	3335*1145*2455	866
TK128	2.7	380/50	3600*1400*2450	1320
TK192	4	380/50	3600*1720*2450	1690
TK256	3.3	380/50	3600*2040*2450	2130
TK320	5.3	380/50	3335*2445*2455	2050
TK384	5.8	380/50	3600*2680*2450	2950

The specific parameters may vary depending on the environment, materials, and impurities.

AI X-ray Machine

Cloud Quality Sorting Product

Relying on massive data model of AI quality sorting, it can achieve multi-dimensional detection of color, shape, size, density, material, etc., and effectively detect and remove internal defects in nuts such as worm eaten nuts, empty nuts, shrivelled nuts, oily nuts, moldy nuts, etc., and high-density impurities mixed in raw materials such as metals, stones, glass, ceramics, rubber, etc.

PLOV physical structure platform technology can synchronously achieve various detection needs such as external impurities and internal defects with high output and low loss.

Product Parameters

Model	Belt Speed (m/s)	X-ray Output (W)	Rejection Mode	Best Detection Accuracy	Power (V/Hz)	Dimension (mm)	Weight (Kg)
RX40	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 64 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1000*1950	800
RX60	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 96 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1250*2050	1000
RX80	1.2-1.5m/s adjustable	350W(max) 80KV/8mA	Blow to remove with 128 valves	Stainless Steel Ball≥Φ0.3 Stainless Steel Line≥Φ0.2X2	380/50	3800*1500*2100	1200

The specific parameters may vary depending on the environment, materials, and impurities.

Let the whole world enjoy the best quality food.

—— Jiexun Vision

Founded in 1999, Jiexun Optoelectronic is a global leading provider of artificial intelligent sorting technology and equipment. With the concept of "quality sorting", Jiexun redefines color sorting and introduces third-generation artificial intelligent color sorters for rice, tea, cereal crops, ores, and other industries, leading the sorting industry towards a new era of intelligence. Jiexun quality sorting has mature applications in many sorting fields such as agriculture and industry, providing professional and reliable sorting solutions for more than 80 countries and regions.

ANYSORT

The Global Leading Provider of Intelligent Sorting Technology and Equipment

Our Partners