



PRIMESORT

Accurate Perfection
For All Your Requirements

EXCELLENCE FOOD GRAIN COLOR SORTER MACHINE

- ✓ Assured Sorting Performance
- 🔧 Best in Industry Service Network
- 🕒 Higher Machine Up Time & Lesser Maintenance



Ultra HD
Camera



Dedicated
Algorithm



LED Lighting
System



High Quality
Ejector



Easy to
Operate

www.primesort.in

RICE COLOR SORTER MACHINE (PSC ELITE SERIES)



Technical Specifications

MODEL	THROUGH PUT (T/H)	CARRY OVER RATIO	POWER (KW)	SUPPLY VOLTAGE (V)	AIR PRESSURE (MPA)	AIR UTILIZATION (M ³ /MIN)	SIZE (MM)	WEIGHT (KG)
PSC 4 Elite	3.0-7.0	>110:1	2.4	220V/50Hz	0.5-0.8	1.5-2.5	1872x1520x2090	1030
PSC 5 Elite	4.0-9.0	>110:1	3	220V/50Hz	0.5-0.8	2.0-3.0	2186x1520x2090	1160
PSC 6 Elite	4.5-11.0	>110:1	3.6	220V/50Hz	0.5-0.8	2.5-3.5	2540x1520x2090	1355
PSC 7 Elite	5.0-12.5	>110:1	4.1	220V/50Hz	0.5-0.8	3.0-4.0	3134x1520x2090	1575
PSC 8 Elite	6.0-14.0	>110:1	4.7	220V/50Hz	0.5-0.8	3.5-4.5	3448x1520x2090	1740
PSC 9 Elite	7.5-18.0	>110:1	5.8	220V/50Hz	0.5-0.8	4.5-6.5	4076x1520x2090	2130
PSC 10 Elite	9.0-21.0	>110:1	7.2	220V/50Hz	0.5-0.8	4.8-7.5	2546x2784x1950	2466
PSC 11 Elite	12.0-28.0	>110:1	9.4	220V/50Hz	0.5-0.8	6.5-10.0	3194x2785x1950	2983

Note:

1. The above color selection performance is based on rice with impurities less than 2% as an example;
2. If there are any updates to the product, the actual machine shall prevail.

PRODUCT ADVANTAGES



One click intelligent remote operation and maintenance, more convenient after-sales service

Engineers can remotely connect to customer machines, understand machine status, adjust color selection parameters, optimize color selection results, and provide customers with faster after-sales service.



Intelligent ash cleaning 5.0 system, with high suction power for cleaner cleaning

The full coverage gradient dust removal system can be equipped with an optional suction and dust removal device, which has a more reasonable structure, stronger suction force, and cleaner dust removal.



AI Smart Core Processing Platform, Faster and Smarter

Equipped with SOC intelligent chips and integrating AI deep learning algorithms, a sorting platform with higher integration, faster computation, and stronger processing capabilities is constructed.



Intelligent holographic flash camera, high-resolution and clearer

Equipped with a self repairing loop lens and adapted to intelligent image sensors, achieving 260 million pixel ultra clear resolution.



Center positioning removal algorithm, efficient and more accurate

The algorithm fits the digital model of defective materials, marks the center point of the material, and achieves small gas volume and more accurate center removal.



Intelligent variable frequency solenoid valve, saving gas and electricity

Adaptive injection system, no exhaust gas, no air leakage, fast response speed, low power consumption, and long service life.



Color restoration algorithm, clear and more realistic

Integrating multidimensional data such as light, quality, color, and shape, achieving quantum level recognition of rice raw materials and restoring their true colors.



LED optical sensing system, energy-saving and more durable

Adopting low-temperature spotlight LED light source, intelligent dimming, 16 million color mixing options, energy-saving and more durable.

SCOPE OF APPLICATION



**POLISHED
GLUTINOUS RICE**



**POLISHED ROUND
GRAINED RICE**



INDICA RICE



BROWN RICE



RED RICE

Primesort Specializes In All Kinds of Food Grain Sorting Machines & Solutions.

OUR EXHIBITION PARTICIPATION



PRIMESORT SPECIALIZES IN ALL KINDS OF FOOD GRAIN SORTING MACHINES & SOLUTIONS.

RICE COLOR SORTER | WHEAT COLOR SORTER |
PULSES COLOR SORTER | DEHYDRATED VEGETABLES COLOR SORTER |
NUTS & KERNELS COLOR SORTER | MINERAL COLOR SORTER |
FROZEN FOOD COLOR SORTER | PLASTIC COLOR SORTER, ETC.



PRIMESORT

WE ARE ALWAYS READY TO ASSIST YOU

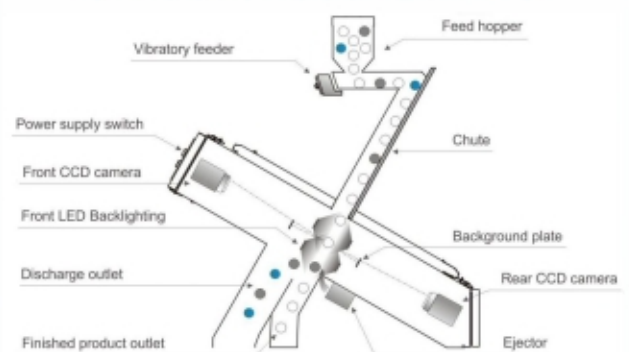
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STRUCTURE SCHEMATIC



Kolkata:
CF-48, Sector-1,
Salt Lake City,
Kolkata.

Punjab:
Jeevan Nagar, Opposite
Puda Park, Focal Point,
Main Road, Ludhiana.

Haryana:
Near NH-1,
ITI Chowk, Karnal,
Haryana

Telangana:
Plot No.590,
Panchsheel Enclave,
Secunderabad.

WE ALSO OFFER **AMC SERVICES** FOR ALL COLOR SORTER MACHINES