



PRIMESORT

For more products information
visit www.primesort.in

Get in touch with us
asianmarketing101@gmail.com



Ultra HD
Camera



Dedicated
Algorithm



LED Lighting
System



High Quality
Ejector



Easy to
Operate



Assured Sorting
Performance



Best in Industry
Service Network



Higher Machine Up Time
& Lesser Maintenance

**HIGH QUALITY PREMIUM
FOOD GRAIN SORTER MACHINE**



Pulses

Color Sorter Machine (PSC Series)



Technical Specifications

MODEL	CAPACITY T/HR	SORTING ACCURACY (%)	POWER (KW)	VOLTAGE (V/Hz)	DIMENSIONS (MM)	WEIGHT (KG)
PSC4	2.5 - 3.5	≥99.9	3	220/50	1872x1440x1940	800
PSC5	3.5 - 4.5	≥99.9	3.5	220/50	2186x1440x1940	910
PSC6	3.5 - 5.5	≥99.9	4	220/50	2500x1440x1940	1070
PSC7	5.5 - 6.5	≥99.9	5	220/50	2814x1440x1940	1200

Note: Capacity is indicative and may vary w.r.t to grain quality and density.

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



SPECIFICATIONS & FEATURES

Highest ever Primesort capacity

- Available up to 12 chutes and most advanced feed system to deliver an even higher capacity per chute.

Multi-Chromatic 'Ultra' cameras

- A unique and proprietary designed RGBW cameras specifically for rice. Provides the ultimate in the detection of all known defects and foreign material.
- Double vision scanning system to detect the slightest difference up to 0.01 mm.
- Equipped with shape and size sorting methodology.

Technology

- 7th Generation FPGA Processing with Auto Intelligent Digital Image Sorting Technology.
- Product scanning speed of 50000 lines/sec.
- Intelligent Individual defect deflection Control over every defect, allowing users to and adjust the amount of each defect removed of with the slide of a bottom.
- Auto calibration feature with Auto setting & Auto sorting control.

Textured LED Lighting

- Scientifically designed to improve illumination and enhance defect recognition in rice.

Graphics Panel

- 15" Linux based user friendly graphic user interface (GUI) with online support system
- Image capturing systems with 200 profiles storage that enables quick machine settings.

Magnetic Levitation Technology Ejector

- Maglev technology ejector with fast response time of 0.8 milliseconds, 3.8mm nozzle and lifetime of 12 billion cycles.

Chutes

- Anodized chutes having smooth surface to facilitate the even flow of the material.
- Heating provision for chutes to avoid choking of material.

RICE SORTING APPLICATIONS

SORTING OF RICE



SORTING OF MILKY WHITE RICE



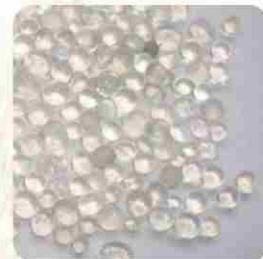
SORTING OF BROKEN RICE



SORTING OF LIGHT YELLOW RICE



PLASTIC, GLUE & OTHER IMPURITIES



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



OUR EXHIBITION PARTICIPATION



PRIMESORT

WE ARE ALWAYS READY TO ASSIST YOU

ASIAN MARKETING

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Salt Lake City, Kolkata.

Punjab:

Jeevan Nagar, Opposite Puda Park,
Focal Point Main Road, Ludhiana

Mohali:

AMS Complex, Behind J.P. Hospital,
T Point Bhabat, Zirakpur, Mohali.

Telangana:

Plot No.590, Panchsheel Enclave,
Secunderabad.

PRIMESORT

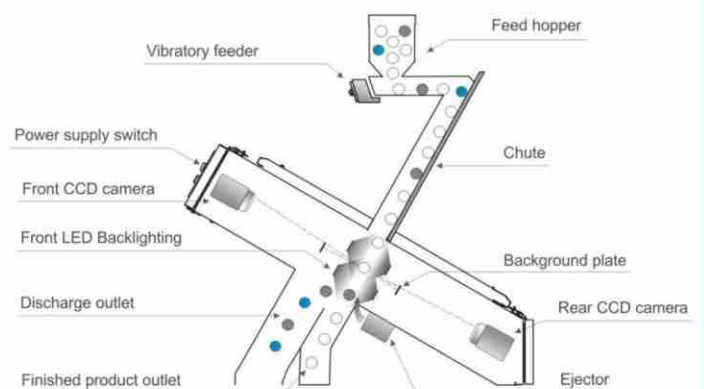
SPECIALIZES IN ALL KINDS OF

FOOD GRAIN SORTING MACHINES

AND 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.

STRUCTURE SCHEMATIC



Designed By Cata Prints

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