

Satake's four-stage sorting allows you to create varying level grades of your product.

1) Four stage sorting

New four-stage sorting system offers improved sorting efficiency compared with conventional three-stage sorting.

Identification of specific defects is possible, allowing for sorting into three categories :

rejects, premium-grade accepts, and low-grade accepts this is now possible to segregate final rejects into more than one quality based on a specific color. (*Available in 'QIS' model only)

2) Full color Trichromatic Camera - 16.7 million colors

The machine is equipped with Japan's latest full color Trichromatic camera which recognizes the target just like the human eyes do. Even slight color differences such as light yellow grain can be detected.

3) Automatic Defect Profiling

The machine incorporates advanced software to evaluate the color profile of target defects and automatically creates the sensitivity settings.

4) Advanced Shape Sorting

Enables the machine to remove defects by shape, such as broken, adhered or malformed. Very useful for final check on foreign material based on shape before packing.

5) More Ejectors per chute - for Precision Sorting

Advanced ejector valve pitch of 5mm can provide more precise sorting and it is effective to reduce the percentage of good grain in the final reject.

Specifications

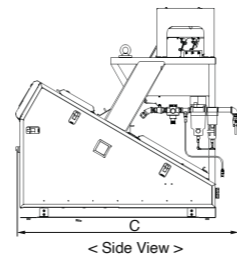
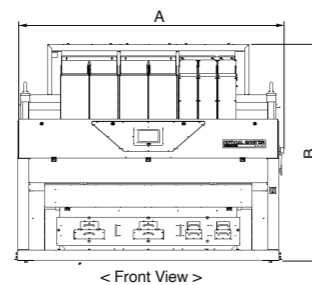
Model		EZER351(3)-T		EZER701(3)-T		
		BI	AIS	BI	AIS	DIS
Chute Quantity	Primary sorting	224 x 3	224 x 2	Flat 224 x 6	Flat 224 x 4	Flat 224 x 4
	Secondary sorting	-	224 x 1	-	U 224 x 2	Flat 146 x 2
	Tertiary sorting	-	-	-	-	U 146 x 1
	Quaternary sorting	-	-	-	-	-
Input Capacity(t/h)	Short-grain rice	0.9 - 7.4	0.6 - 4.9	1.8 - 14.8	1.2 - 9.9	1.2 - 9.9
	Long-grain rice	0.9 - 4.9	0.6 - 3.3	1.8 - 9.9	1.2 - 6.6	1.2 - 6.6
Air Consumption(NL/min)		300~750		600 - 1500		
Compressor (kW)		7.5~11		7.5 - 15		
Power Supply (V)		Single phase 200 to 240		Single Phase 200 - 240		
Net Weight (kg)		812		1170		

Model		EZER751(3)-T			EZER751-T
		BI	AIS	DIS	QIS
Chute Quantity	Primary sorting	224 x 6	224 x 4	224 x 3	224 x 3
	Secondary sorting	-	224 x 2	224 x 2	224 x 1
	Tertiary sorting	-	-	224 x 1	224 x 1
	Quaternary sorting	-	-	-	224 x 1
Input Capacity(t/h)	Short-grain rice	2.3 - 19.2	1.4 - 12.8	1.1 - 9.6	1.1 - 9.6
	Long-grain rice	2.3 - 12.8	1.4 - 8.5	1.1 - 6.4	1.1 - 6.4
Air Consumption(NL/min)		600 - 1500			
Compressor (kW)		7.5~15			
Power Supply (V)		Single phase 200 to 240			
Net Weight (kg)		1170			

Model		EZER951(3)-T			EZER951-T
		BI	AIS	DIS	QIS
Chute Quantity	Primary sorting	224 x 9	224 x 6	224 x 6	224 x 5
	Secondary sorting	-	224 x 3	224 x 2	224 x 2
	Tertiary sorting	-	-	224 x 1	224 x 1
	Quaternary sorting	-	-	-	224 x 1
Input Capacity(t/h)	Short-grain rice	3.4 - 28.8	2.3 - 19.2	2.3 - 19.2	1.9 - 16.0
	Long-grain rice	3.4 - 19.2	2.3 - 12.8	2.3 - 12.8	1.9 - 10.6
Air Consumption(NL/min)		1350 - 3375			
Compressor (kW)		11 - 22			
Power Supply (V)		Single Phase 200 - 240			
Net Weight (kg)		1500			

Dimensions(mm)

Model	EZER351	EZER701,751	EZER951
A	1,426	2,122	2,829
B	1,719	1,719	1,719
C	1,628	1,628	1,628



Full Color Sorting

OPTICAL SORTER

EZER Series



EZER951(3)-T

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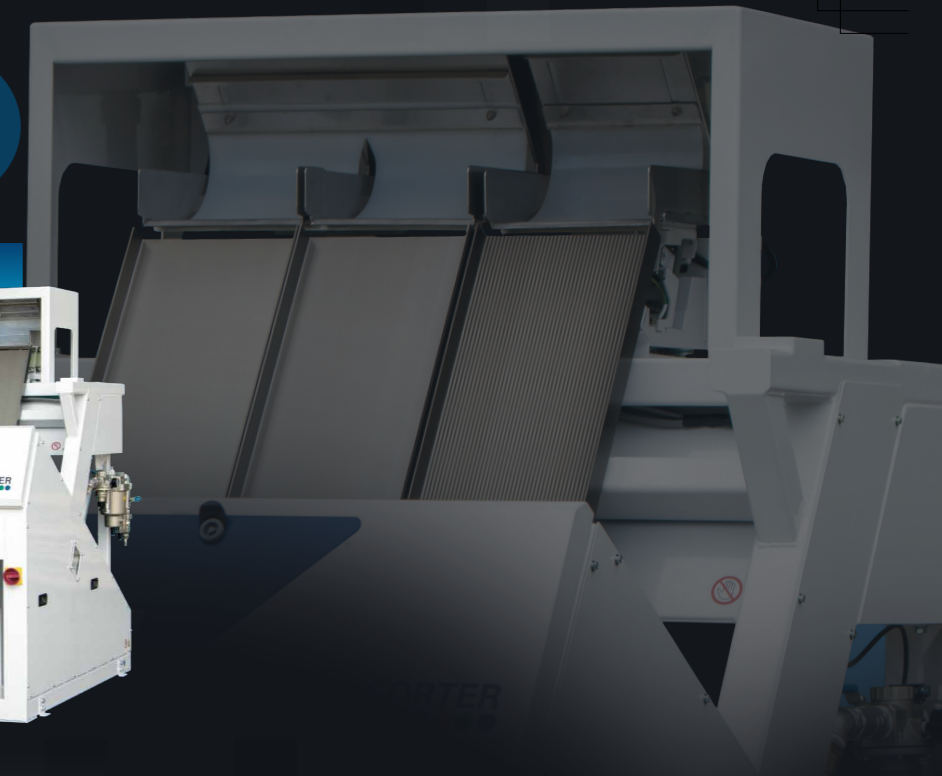
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ISO 9001 Certification
(Quality Management Systems)

SATAKE CORPORATION has obtained ISO9001 and
ISO14001 certification.
These international standards for management
systems ensure Satake will continue to provide high
quality products and services.

Satake's all new full color optical sorter will provide you with the best solution in color sorting.



EZER351



EZER701,751



EZER951



Rice Sorter with Optimal Combination of Cost and Quality

The machine serves the latest requirements for sorting Rice.

Rice

Accepts Rejects

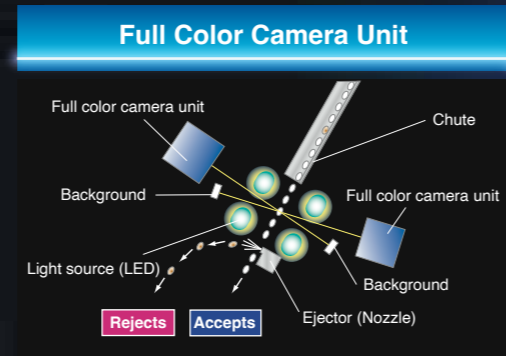
Comparison of Monochromatic and Full Color Sorting

Slightly Dark, Chalky, Middle Yellow, Middle Dark, Slightly Yellow, Spot

Black & White

Slightly Dark, Chalky, Middle Yellow, Middle Dark, Slightly Yellow, Spot

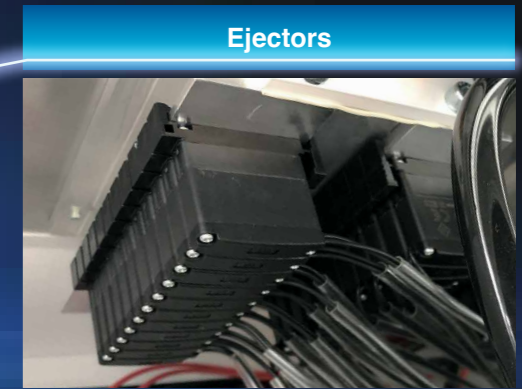
Full-Color



1. Full color cameras check rice as it flows through the chute.
2. Defective products are sorted and removed by compressed air ejection.



Stable supply of materials to the optical section



High Speed Ejectors for Greater Accuracy

