

# Satake – Optical Colour Sorters



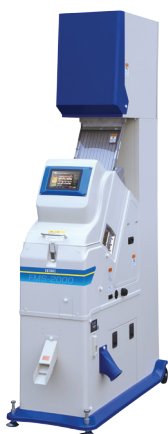
REZS 6500



REZS 4500



REZS 2500



FMS-2000

Creating the Future  
**SATAKE**



Evolution 400 & 800

## We See Your Grain Differently

### REZS SERIES

Satake's high capacity, cost-effective, full colour precision optical sorter series is ideal for bulk agricultural products such as wheat, lentils, peas and other small grains. The REZS Series sorter is able to consistently and effectively sort these product types at high capacity - up to 3.5 tons per hour per chute - for common grains. Secondary and/or tertiary resort capability is also optional if desired.

The REZS is powered by patent-pending Satake software assuring quick set-up and hassle-free operation. A simple user interface, similar to a smart phone or tablet with touch and flick operation, offers the operator quick adjustments to a number of settings and sensitivities.

### RGBR 5401 – Near Infrared NIR Camera

Impurities such as glass, plastic and stone which are invisible or have the same colour as the material cannot be detected with only a full colour CCD camera. The RGBR series has the ability to detect and sort these impurities with a high technology NIR camera inside.

### FMS-2000

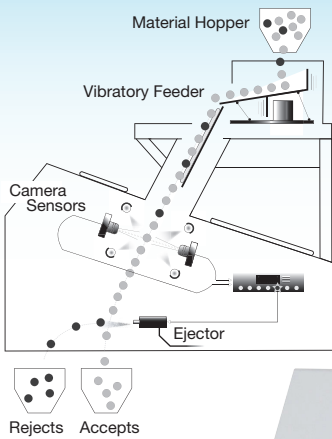
**Modular design allows two units to be connected with one single interface.** Shape sorting comes standard. The FMS-2000 is a portable, cost effective, full colour RGB optical sorting machine for small and medium applications that is efficient at sorting 1-4000 lbs of product per hour.

This sorting machine features two-view, high resolution full colour cameras, intuitive touch screen operator interface and compact design.

### EVOLUTION 400 & 800

This full colour sorting machine uses 16 million colours, high-resolution cameras and long lasting LED lighting to detect and remove defects. This machine has the ability to see true colour and precisely sort a wide range of products, even those with small shade differences. Shape sorting is available.

# SATAKE – Colour Sorter Cutaway



REZS 4500



PEAS



MUSTARD



DURUM



FULL COLOUR	FMS 2000	Evolution 400	Evolution 800	REZS 2500	REZS 4500	REZS 6500	RGBR 5401 IR Capabilities
<b>CAPACITY*</b>	60 BU/HR	200-400 BU/HR	400-800 BU/HR	75-200 BU/HR	150-400 BU/HR	225-600 BU/HR	60-400 BU/HR
<b>HEIGHT</b>	81.1"	80.9"	80.9"	68.4"	68.4"	68.4"	74.9"
<b>WIDTH</b>	18.9"	52.2"	64.5"	54.2"	82"	109"	89.7"
<b>DEPTH</b>	49.6"	62.8"	62.8"	64"	64"	64"	61"
<b>NUMBER OF EJECTORS</b>	48	92	184	136	273	409	420
<b>CHUTES</b>	1	4	8	3	6	9	5
<b>CHUTE WIDTH</b>	240 mm	100 mm	100 mm	220 mm	220 mm	220 mm	336 mm
<b>SHAPE CAPABILITIES</b>	INCLUDED	OPTION	OPTION	N/A	N/A	N/A	N/A

\*Capacities vary depending on defects to be removed.



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