## SATAKE

## RNEZX High Capacity Optical Sorter

 $^{\text{MODEL}}$  (6 chutes ~ 24 tons/hr)

 $\frac{\text{M O D E L}}{7500} \text{ (10 chutes $\sim$ 40 tons/hr)}$ 









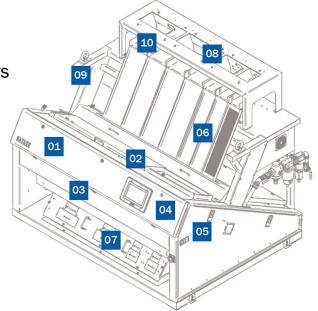


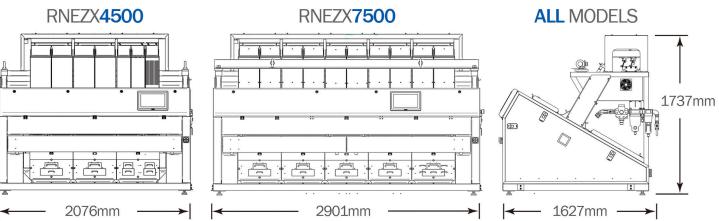


## The Satake RNEZX high capacity optical sorter features full color cameras and shape detection technology.

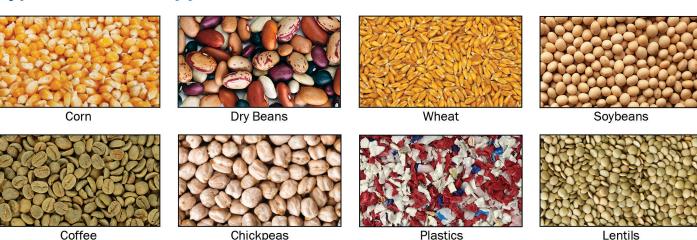
The **Satake RNEZX** is a high capacity, full color sorter available with size and shape detection technology. It comes in 2 model sizes; the 4500 with 6 chutes, and the 7500 with a massive 10 chutes. It is ideal for sorting products like dry beans, coffee, seeds, wheat and other grains. The **RNEZX** sorter features Satake's patent-pending software assuring quick set-up and hassle-free operation. It also comes with the assurance of Satake's premiere after sales customer service and support team.

- 01. Full color RGB cameras
- 02. Long-life LED lighting rated at 20,000 hours
- 03. Precision 5mm pitch air ejectors
- 04. Size and shape detection technology
- **05.** Automatic defect profile creation
- 06. Three stage sorting system
- 07. Real-time sampling areas
- **08.** High capacity vibratory feeder system
- 09. Sturdy support frame with lift points
- **10.** Quick and easy change over options





## **Typical Product Applications**



RNEZX MACHINE SPECIFICATIONS							
MODEL		4500(BI)	4500(AIS)	4500(DIS)	7500(BI)	7500(AIS)	7500(DIS)
Number of Chutes	Primary	224mm x 6	224mm x 4	224mm x 4	224mm x 10	224mm x 6	224mm x 6
	Secondary		224mm x 2	146mm x 2		224mm x 4	224mm x 2
	Tertiary			146mm x 1			224mm x 2
* Typical Capacity (t/h)		~24	~16	~16	~40	~24	~24
RGB Cameras / Resolution		6 x RGB / 2048 pixels			10 x RGB / 2048 pixels		
Required Power	Normal	0.9 kW			1.6 kW		
	Maximum	2.1 kW			3.6 kW		
Required Air Volume	50L/min. Ejectors	1350 L/min. (48 CFM)			2250 L/min. (80 CFM)		
	100L/min. Ejectors	2700 L/min. (96 CFM)			4500 L/min. (160 CFM)		
Air Compressor	50L/min. Ejectors	11-15 kW (15-20 HP)			11-22 kW (15-30 HP)		
	100L/min. Ejectors	22-30 kW (30-40 HP)			22-44 kW (30-59 HP)		
Dust Collector (Optional)		12 m <sup>3</sup> /min (424 CFM)			15 m³/min (530 CFM)		
Air Ejector Count / Density		270 / 5mm			450 / 5mm		
Power Supply		Single Phas			e 200 - 240 V		
Net Weight		1000 kg			1500 kg		
Operation Screen		12-inch Full Color Touch Panel			12-inch Full Color Touch Panel		
Standard Operating Environmental Conditions		Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)					
		Humidity: 85% or less (non-condensing)					
Noise Level		80 dB					
* Actual sorting capaci	ty is based on a numb	er of factors such	as chute configura	tion, product type,	incoming contam	ination level, etc.	







If you are interested in a free RNEZX demonstration using your own product, or if you need more information, contact one of our local test facilities.

NORTH, CENTRAL, SOUTH AMERICA Satake USA Inc. (Corporate Office) Houston, Texas USA

Tel: 281.276.3600

WEST COAST USA Satake USA Inc. Modesto, California USA

lodesto, California USA Tel: 209.551.3203 EUROPE, MIDDLE EAST, AFRICA

Satake Europe Limited Stockport, Cheshire England Tel: 44.161.406.3800









