

SATAKE

Optical sorting solutions.

RNEZS2500 Full Color RGB Optical Sorter

The **Satake RNEZS2500** is an efficient mid-size sorter that features full color RGB camera technology. It is ideal for sorting products like dry beans, coffee, seeds, wheat, and other grains. The RNEZS features patent-pending Satake 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.

R N E Z S
2500 (3 chutes ~ 12 tons/hr)



The **Satake RNEZS** mid-size optical sorter features full color RGB cameras and a user-friendly, intelligent software interface.

Typical Product Applications



Seed Corn



Dry Beans



Coffee



Soybeans



Wheat

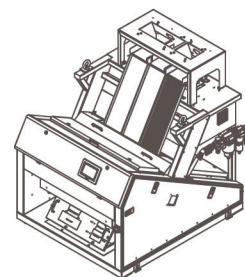


Lentils

Features and Benefits

The **Satake RNEZS2500** optical sorter is ideal for medium-to-high capacity processing lines. The 2500 features full color RGB camera technology and primary and secondary resort options that are easily changed by the machine operator to adapt to different product sort and capacity requirements.

- » Full color RGB camera technology
- » LED lighting rated for 20,000 hours
- » Precision 5mm air ejectors
- » Primary and secondary resort options
- » Real-time accept and reject sampling
- » Easy to change resort options
- » Automatic accept and defect profile creation
- » Advanced touch screen user interface
- » No downtime for calibration
- » Quick and easy change over options
- » Sturdy support frame with lift points

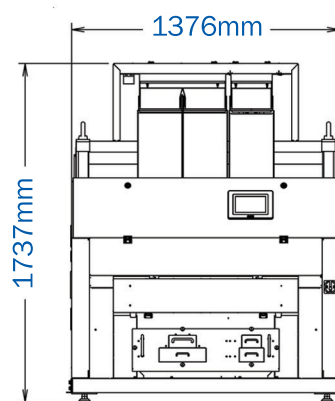


Specifications

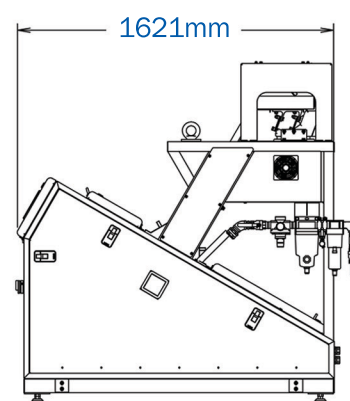
| RNEZS MODEL | | 2500(BI) | 2500(AIS) |
|---|---------------------|--------------------------------------|----------------------|
| Number of Chutes | Primary | 224mm x 3 | 224mm x 2 |
| | Secondary | — | 225mm x 1 (U-groove) |
| * Typical Capacity (lbs/h) | | up to 24,000 | up to 16,000 |
| RGB Cameras / Resolution | | 2 x RGB / 2048 pixels | |
| Required Power | | 0.4 kW - 1.0 kW | |
| Required Air Volume | 50 L/min. Ejectors | 710 L/min. (25 CFM) | |
| | 100 L/min. Ejectors | 1350 L/min. (48 CFM) | |
| Compressor Size for Ejector Type | 50 L/min. Ejectors | 7.5 - 11.0 kW (10-15 HP) | |
| | 100 L/min. Ejectors | 15.0 - 22.0 kW (20-30 HP) | |
| Dust Collector - Total (Top and Bottom) | | 12 m ³ /min (424 CFM) x 2 | |
| Air Ejector Count / Density | | 136 / 5mm | |
| Power Supply | | Single Phase 200 - 240 V | |
| Net Weight | | 900 kg | |
| Operation Screen | | 12-inch Full Color Touch Panel | |

* Actual sorting capacity varies based chute configuration, product type, incoming defect level, etc.

Dimensions



FRONT



SIDE

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