SATAKE

RNEZX

High Capacity Optical Sorter

MODEL 4500 (6 chutes ~ 24 tons/hr)

MODEL 7500 (10 chutes ~ 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

- Corn
- Dry Beans
- Wheat
- Soybeans
- Coffee
- Chickpeas
- Plastics
- Lentils

RNEZX MACHINE SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>4500(BI)</th>
<th>4500(AI)</th>
<th>4500(DIS)</th>
<th>7500(BI)</th>
<th>7500(AI)</th>
<th>7500(DIS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Chutes</td>
<td>224 x 6</td>
<td>224 x 4</td>
<td>224 x 4</td>
<td>224 x 10</td>
<td>224 x 6</td>
<td>224 x 6</td>
</tr>
<tr>
<td>Primary</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Secondary</td>
<td>146 x 2</td>
<td>146 x 2</td>
<td>146 x 2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tertiary</td>
<td></td>
<td></td>
<td></td>
<td>146 x 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Power</td>
<td>0.9 kW</td>
<td>1.6 kW</td>
<td>3.6 kW</td>
<td>2.1 kW</td>
<td>2.1 kW</td>
<td>2.1 kW</td>
</tr>
<tr>
<td>Required Air Volume</td>
<td>2250 L/min. (40 CFM)</td>
<td>2250 L/min. (40 CFM)</td>
<td>4500 L/min. (160 CFM)</td>
<td>1350 L/min. (48 CFM)</td>
<td>1350 L/min. (48 CFM)</td>
<td>1350 L/min. (48 CFM)</td>
</tr>
<tr>
<td>Dust Collector</td>
<td>12 m³/min. (424 CFM)</td>
<td>12 m³/min. (424 CFM)</td>
<td>12 m³/min. (424 CFM)</td>
<td>12 m³/min. (424 CFM)</td>
<td>12 m³/min. (424 CFM)</td>
<td>12 m³/min. (424 CFM)</td>
</tr>
<tr>
<td>Air Ejector Count / Density</td>
<td>450 / 5mm</td>
<td>450 / 5mm</td>
<td>450 / 5mm</td>
<td>450 / 5mm</td>
<td>450 / 5mm</td>
<td>450 / 5mm</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Single Phase</td>
<td>200-240 V</td>
<td>1000 kg</td>
<td>1500 kg</td>
<td>12-inch Full Color Touch Panel</td>
<td>12-inch Full Color Touch Panel</td>
</tr>
<tr>
<td>Operation Screen</td>
<td>2270 / 55mm</td>
<td>2270 / 55mm</td>
<td>2270 / 55mm</td>
<td>2270 / 55mm</td>
<td>2270 / 55mm</td>
<td>2270 / 55mm</td>
</tr>
<tr>
<td>Environmental Conditions</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
<td>Temperature: 0°C to 40°C (Install heater when ambient is below 10°C)</td>
</tr>
<tr>
<td>Noise Level</td>
<td>80 dBA</td>
<td>80 dBA</td>
<td>80 dBA</td>
<td>80 dBA</td>
<td>80 dBA</td>
<td>80 dBA</td>
</tr>
</tbody>
</table>

* Actual sorting capacity is based on a number of factors such as chute configuration, product type, incoming contamination 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
Tel: 209.551.3203

**EUROPE, MIDDLE EAST, AFRICA**
Satake Europe Limited
Stockport, Cheshire England
Tel: 44.161.406.3800