High Performance Paddy Separator

PADDY SEPARATOR

PS200D / 400D / 800D / 800DR

SATAKE CORPORATION
The Satake Paddy Separator PS is an oscillation-type paddy separator with a very high sorting performance and an easy maintenance design. All varieties of rice such as long grain, medium grain and short grain can be sorted easily and accurately. It separates a mixture of paddy and brown rice into three distinct classes: paddy, mixture of paddy and brown rice and brown rice, to be sent to a husker, back to the paddy separator and to a rice whitener, respectively.

**FEATURES:**

1. **Stable Performance:**
   Adjustment during operation is not necessary because of its constant and stable separating performance.

2. **Minimized Installation Space:**
   Compact design and large capacity means that installation space for a given separating capacity is very small.

3. **Automatic Stop Device:**
   Machine automatically stops when the tank is nearly empty.

4. **Easy Sampling:**
   Samples of brown rice can be taken from a special outlet by diverter valves, for easy inspection of quality and flow rate.

5. **Easy Inspection of Separating Condition:**
   The discharge side is covered with a transparent cover so that the separating conditions of the grain are easily checked.

6. **Easy Flow Adjustment:**
   Flow rates are adjusted by a manual remote lever on "D" model and by increase / decrease buttons on "DR" model.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PS200D</th>
<th>PS400D</th>
<th>PS800D/DR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Required Power (kW)</td>
<td>0.75(4P)</td>
<td>2.2(4P)</td>
<td>3.7(4P)</td>
</tr>
<tr>
<td>Output Capacity (t/h)*1</td>
<td>2~2.5</td>
<td>3.5~5</td>
<td>7~10</td>
</tr>
</tbody>
</table>

*1 Brown Rice, Long Grain

### Dimensions

#### PS200D

<table>
<thead>
<tr>
<th>Model</th>
<th>W(mm)</th>
<th>L(mm)</th>
<th>H(mm)</th>
<th>Weight (kg)</th>
<th>Volume (m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PS200D</td>
<td>1,330</td>
<td>1,760</td>
<td>2,220</td>
<td>970</td>
<td>5.7</td>
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<tr>
<td>PS400D</td>
<td>2,230</td>
<td>1,870</td>
<td>2,240</td>
<td>1,670</td>
<td>9.4</td>
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<td>PS800D/DR</td>
<td>3,130</td>
<td>1,760</td>
<td>2,360</td>
<td>2,250/2,300</td>
<td>14.0</td>
</tr>
</tbody>
</table>

SATAKE products are the subject of continuous development and, as a result, their specification may change and differ in detail from those shown.