**All-Axis Servo Driven Traverse Type Take-Out Robot**

**YCII-600S/D, YCII-800S/D-e**

### Features
- 400–1000 tf
- 3/5-axis
- Dual support type
- Reduced overall height type
- On robot body
- E-touch compact-YC

**All-Axis Servo Driven Take-Out Robot for Energy-Smart Manufacturers**

Compared to older models, YC series robots benefit from much lighter components and structures by incorporating design optimization technology. This weight reduction results in significantly better energy efficiency and longevity. Design optimization also targeted factors like natural oscillation and damping characteristics to greatly reduce arm vibration. The YCII-600/800-e is sized for 400-1000 tf molding machines.

**E-touch compact-YC**

*Patent:

- ECO Vacuum
- ECO Monitor
- Predictive Maintenance*

*Continuously monitors robot during operation and alerts operator with a message if potential trouble symptoms are detected. This function elevates maintenance from preventative to predictive.

**Standard Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Power consumption</th>
<th>Driving method</th>
<th>Control method</th>
<th>Air pressure</th>
<th>Wrist flip angle</th>
</tr>
</thead>
<tbody>
<tr>
<td>YCII-600S</td>
<td>Single phase AC200V (50/60Hz)</td>
<td>Digital servo motor</td>
<td>Micro computer control</td>
<td>0.49MPa</td>
<td>90 deg.</td>
</tr>
<tr>
<td>YCII-600D</td>
<td>Single phase AC200V (50/60Hz)</td>
<td>Digital servo motor</td>
<td>Micro computer control</td>
<td>0.7MPa</td>
<td></td>
</tr>
<tr>
<td>YCII-800S-e</td>
<td>Single phase AC200V (50/60Hz)</td>
<td>Digital servo motor</td>
<td>Micro computer control</td>
<td>0.49MPa</td>
<td></td>
</tr>
<tr>
<td>YCII-800D-e</td>
<td>Single phase AC200V (50/60Hz)</td>
<td>Digital servo motor</td>
<td>Micro computer control</td>
<td>0.7MPa</td>
<td></td>
</tr>
</tbody>
</table>

*The power source is "single phase" for YCII-600S/D-e, and "three phase" for YCII-800/1300-e.

**Stock System**

- Single-Axis Servo Driven Type
- Swing Type
- Side Entry Type

**E-touch compact-YC PAT.**

- ECO Vacuum
- ECO Monitor
- Predictive Maintenance*

*Continuously monitors robot during operation and alerts operator with a message if potential trouble symptoms are detected. This function elevates maintenance from preventative to predictive.

**Dimensions (mm)**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
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<tbody>
<tr>
<td>YCII-600</td>
<td>259.1</td>
<td>200</td>
<td>360</td>
<td>360</td>
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<td>270</td>
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<td>120</td>
<td>120</td>
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</tr>
<tr>
<td>YCII-800S-e</td>
<td>198.5</td>
<td>247</td>
<td>198.5</td>
<td>198.5</td>
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</tbody>
</table>

*1) Modified traverse stroke
2) Modified vertical stroke
3) S-Type Dimensions

Higher payloads possible depending on take-out settings and speeds.