Note 1. When installing the robot, always follow the specifications. Do not install the ceiling-mount robot upside down or do not install the inverse type robot to a ceiling. Incorrect installation can cause trouble or malfunction.

### Specifications

<table>
<thead>
<tr>
<th>Axis specifications</th>
<th>X-axis</th>
<th>Y-axis</th>
<th>Z-axis</th>
<th>R-axis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arm length</td>
<td>500 mm</td>
<td>400 mm</td>
<td>200 mm</td>
<td>400 mm</td>
</tr>
<tr>
<td>Rotation angle</td>
<td>+/-130 °</td>
<td>+/-150 °</td>
<td>+/-130 °</td>
<td></td>
</tr>
<tr>
<td>AC servo motor output</td>
<td>750 W</td>
<td>400 W</td>
<td>400 W</td>
<td>200 W</td>
</tr>
</tbody>
</table>

#### Deceleration mechanism

- Transmission: Motor to speed reducer
- Speed reducer to output: Direct-coupled

#### Maximum speed

- 9.9 m/s²
- 1.7 m/s²
- 2.3 m/s²
- 2.6 m/s² (max. no load)

**Note 1.** This is the value at a constant ambient temperature. (X,Y axes)

**Note 2.** When reciprocating 300mm in horizontal and 25mm in vertical directions.

**Note 3.** The acceleration coefficient is set automatically in accordance with the tip weight and R-axis moment of inertia settings.

**Note 4.** Transmission: Direct-coupled

**Note 5.** See our robot manuals (installation manuals) for detailed information.

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**Controller**

- **Controller:** RCX340
- **Power capacity (VA):** 2500
- **Operation method:** Programming / I/O point trace / Remote command / Operation using RS-232C communication

Note. The movement range can be limited by changing the positions of X and Y axis mechanical stoppers. (The movement range is set to the maximum at the time of shipment.)

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**YP-XCLEANCONTROLLERINFORMATION**

- **Controller:** RCX340
- **566**