### APPLICATION
Compact single-axis robots
TRANSERVO
Single-axis robots
FLIP-X
Linear motor single-axis robots
XY-X
SCARA robots
YP-X
Pick & place robots
YP-XCLEAN
Linear conveyor modules
LCM100

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### 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>300 mm</td>
<td>300 mm</td>
<td>200 mm</td>
<td>300 mm</td>
</tr>
<tr>
<td>Rotation angle</td>
<td>+/-130°</td>
<td>+/-145°</td>
<td>+/-360°</td>
<td></td>
</tr>
</tbody>
</table>

### Controller

<table>
<thead>
<tr>
<th>Controller</th>
<th>Power capacity (VA)</th>
<th>Operation method</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCX340</td>
<td>1700</td>
<td>Programming / kO point trace / Remote command / Operation using RS-232C communication</td>
</tr>
</tbody>
</table>

### Note

1. "Harmonic" and "Harmonic drive" are the registered trademarks of Harmonic Drive Systems Inc.
2. 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.) See our robot manuals (installation manuals) for detailed information.
3. To set the standard coordinates with high accuracy, use a standard coordinate setting jig (option). Refer to the user’s manual (installation manual) for more details.

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**Controller**

<table>
<thead>
<tr>
<th>RCX340</th>
<th>508</th>
</tr>
</thead>
<tbody>
<tr>
<td>RCX240</td>
<td>495</td>
</tr>
</tbody>
</table>

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**YP-XCLEAN**

- **Stroke specification**: Z200mm
- **Stroke specification**: Z300mm

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**YP-X**

- **Stroke specification**: Z100mm
- **Stroke specification**: Z200mm

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**YP-P**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-PL**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-CF**

- **Stroke specification**: Z200mm
- **Stroke specification**: Z300mm

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**YP-RC**

- **Stroke specification**: Z200mm
- **Stroke specification**: Z300mm

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**YP-MF**

- **Stroke specification**: Z200mm
- **Stroke specification**: Z300mm

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**YP-RL**

- **Stroke specification**: Z200mm
- **Stroke specification**: Z300mm

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**YP-PL**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-MA**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-ML**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-RM**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-RP**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-PM**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-PL**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm

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**YP-RL**

- **Stroke specification**: Z500mm
- **Stroke specification**: Z1000mm