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</th>
<th>X-axis</th>
<th>Y-axis</th>
<th>Z-axis</th>
<th>R-axis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Values</td>
<td>300 mm</td>
<td>400 mm</td>
<td>200 mm</td>
<td>–</td>
</tr>
</tbody>
</table>

- **Deceleration**
  - Direct-coupled
  - ±0.02 mm
  - ±0.01 mm
  - ±0.004 m/s²

- **Maximum speed**
  - 8.4 m/s²
  - 2.3 m/s²

- **Maximum payload**
  - 20 kg (Standard type), 19 kg (Tool flange mount type)

- **Standard cycle time**
  - With 2kg payload
  - 0.42 sec

- **R-axis tolerable moment of inertia**
  - 1.0 kg/m²

- **User tubing (Outer diameter)**
  - 0.2 sq × 20 wires

- **Travel limit**
  - 1. Soft limit

- **Robot cable length**
  - 2-axis 200 mm: 50 kg
  - 4-axis 400 mm: 52 kg

- **Weight**
  - 2-axis 200 mm: 50 kg
  - 4-axis 400 mm: 52 kg

### 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.) See our robot manuals (installation manuals) for detailed information.

Our robot manuals (installation manuals) can be downloaded from our website at the address below: https://global.yamaha-motor.com/business/robot/