## Ordering method

### YK250XG - 150

- **Model**: YK250XG
- **Controller**: RCX340-4
- **Cable**: Tool flange
- **Battery**: YK250XG

### 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>160 mm</td>
<td>150 mm</td>
<td>150 mm</td>
<td>100 mm</td>
</tr>
<tr>
<td>AC servo motor output</td>
<td>200 W</td>
<td>150 W</td>
<td>50 W</td>
<td>100 W</td>
</tr>
<tr>
<td>Deceleration</td>
<td>4.5 m/sec</td>
<td>1.1 m/sec</td>
<td>1020 &quot;sec</td>
<td></td>
</tr>
<tr>
<td>Maximum payload</td>
<td>5 kg (Standard specification), 4 kg (Option specifications)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Controller

- **Controller**: RCX340, RCX240S
- **Power capacity (VA)**: 1000
- **Operation method**: Programming / I/O point trace / Remote command / Operation using RS-232C communication

### Note

1. When reciprocating 300mm in horizontal and 25mm in vertical directions.
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.)
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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Note: "Harmonic" and "Harmonic drive" are the registered trademarks of Harmonic Drive Systems Inc.

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Our robot manuals (installation manuals) can be downloaded from our website at the address below:
http://global.yamaha-motor.com/business/robot/
**YK250XG** Tool flange mount type

- **Machine harness**
- **User tubing 1** (ϕ4 black)
- **User tubing 2** (ϕ4 red)
- **User tubing 3** (ϕ4 blue)
- **D-sub connector** for user wiring (No. 1 to 10 usable)
- **M4 ground terminal**
- **Hollow diameter** ϕ11 ±0.0
- **R27 (Min. cable bending radius)** Do not move the cable.
- **4-M3×0.5 through-hole** No phase relation to R-axis origin.

4-M3×0.5 through-hole (No phase relation to R-axis origin.)

- **Option**: User wiring/tubing through spline type

**View of F**

- **View of E**

- **Detailed drawing D**

- **RCX340** Controller [508]
- **RCX240S** Controller [495]