JC-3 Series  Speed and Acceleration

Maximum portable loads are as follows:
- Single sided, 3 Axes: 4kg
- Double sided, 3 Axes: 8kg
- Double sided, 4 Axes: 3kg

**X axis**  (by X and Y stroke lengths)

- **For X sliders up to 400mm**
  Measured with robot carrying its maximum portable load.

- **For X sliders 500–600mm**
  Measured with robot carrying its maximum portable load.

![Graphs showing X Axis Speed & Acceleration Ranges](image-url)
Y Axis  
(by Y stroke length)

- **For Y sliders up to 400mm**
  Measured with robot carrying its maximum portable load.

- **For 500mm Y Slider**
  Measured with robot carrying its maximum portable load.

![Y Axis Speed & Acceleration Range](chart.png)

Z Axis  
(by the number of axes)

- **For 3 Axes**
  Measured with robot carrying its maximum portable load.
  Speed 400mm/s, Acceleration 2500mm/s²

- **For 4 Axes**
  Measured with robot carrying its maximum portable load.
  Speed 400mm/s, Acceleration 1800mm/s²

R Axis

- **For 4 Axes**
  Measured with robot carrying its maximum tool weight.
  Speed 900°/s, Acceleration 5000°/s²

*Specifications may change without notice to improve product quality.

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