Robot FANUC P-40iA
Max. payload 5 kg – max. reach 1300 mm

The newly developed FANUC painting robot P-40iA is extremely flexible and easily adapts to small lot sizes, new styles and other modifications, providing customers an affordable and versatile solution.

Flexible painter even in smallest work space
- Compact arm design fits in small work areas
- Offers a 1300mm reach and 5kg payload
- Purged and pressurised arm is FM and ATEX Class Div. 1 approved
- Enclosed riser for cable connections and purge flow switch
- High-speed operation minimises robot cycle times
- Upright, invert, angle or wall mounting accommodates a wide range of work areas
- 360 degrees rotation of J1 enables multi-directions operation
- IP 67 compatible rating allows operation in factory environments with dust and oil mist
- Four process air ports

Features
- Slim and lightweight
FANUC P-40iA paint robots offer a variety of mounting positions, which help companies challenged with small and narrow workspaces.

- Wide range of application software
FANUC P-40iA paint robots are available with a wide range of application software options including PaintTool and HandlingTool.

FANUC paint robots are suitable for a wide variety of painting and coating applications, offer easy access, optimal work envelopes and maximised throughput.

With some models designed to operate in hazardous environments and a wide range of reaches and handling capacities on offer, whatever your painting or dispensing requirements you can be sure there is a model to meet your needs.
Technical Data

Robot FANUC P-40iA

- Maximum load capacity wrist: 5 kg
- Maximum reach: 1300 mm
- No. of axes: 6
- Repeatability: +/- 0.2 mm
- Weight (mechanical): 110 kg
- Average power consumption: 0.8 kW
- Protection body: ATEX certified cat. II group 2G and 2D
- Controller: R-30iB Plus, Mate cabinet, iPendant Touch (standard)

<table>
<thead>
<tr>
<th>Axis</th>
<th>Motion range</th>
<th>Max. speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>J1</td>
<td>360°</td>
<td>220°/sec</td>
</tr>
<tr>
<td>J2</td>
<td>255°</td>
<td>190°/sec</td>
</tr>
<tr>
<td>J3</td>
<td>395°</td>
<td>240°/sec</td>
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<tr>
<td>J4</td>
<td>380°</td>
<td>450°/sec</td>
</tr>
<tr>
<td>J5</td>
<td>240°</td>
<td>450°/sec</td>
</tr>
<tr>
<td>J6</td>
<td>720°</td>
<td>720°/sec</td>
</tr>
</tbody>
</table>

Motion range and dimensions

PERFECT FINISH – PAINTED BY THE SPECIALIST.