**P-350iA/45**

**Design**

The P-350iA/45 is a heavy payload robot with a maximum wrist weight of 45kgf for operation in Class 1 and Division 1 hazardous environments.

**Features**

- Industry’s largest payload capacity for a Class 1 Division 1 approved robot
- Ability to support EOAT tool change packages
- Multiple application software options PaintTool, HandlingTool, SpotTool +Dispense Plug-in
- Singularity avoidance
- Highest accuracy Class 1 Division 1 rated robot in the industry
- Multi-axis capability with purged auxiliary motor boxes
- FM and ATEX Approval
- The P-350iA/45 is designed for flexibility of use in a wide variety of hazardous applications:
  - Painting
  - Sealing
  - Surface cleaning and prep
  - Material handling
  - Material removal
  - Inspection

**Options**

- Floor, angle, and ceiling configurations
- Easily configured left hand or right hand arm to maintain symmetry across the booth
- Designed for ease of maintenance and easy access to all critical components
- High arm and wrist payload design supports a variety of applications including rotary atomizers, conventional and electrostatic spray guns and multi-gun configurations

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**Working range P-350iA/45**

Max. load capacity at wrist: 45 kg  
Max. reach: 2606 mm

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### P-350iA/45

**Heavy payload paint robot**

<table>
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<tr>
<th>Series</th>
<th>Version</th>
<th>Type</th>
<th>Max. load capacity at wrist (kg)</th>
<th>Reach (mm)</th>
<th>Controlled axes</th>
<th>Repeatability (mm)</th>
<th>Mechanical weight (kg)</th>
<th>Max. load capacity at wrist: 45 kg</th>
<th>Max. reach: 2606 mm</th>
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<td>P-350</td>
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<td>45</td>
<td>45</td>
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<td>6</td>
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<td>590</td>
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<td>206 28 206 28 127 20</td>
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Input power source (VAC) (50-60 HZ): 200-230 +10/-15%