

P-350iA/45



Max. load capacity at wrist: 45 kg



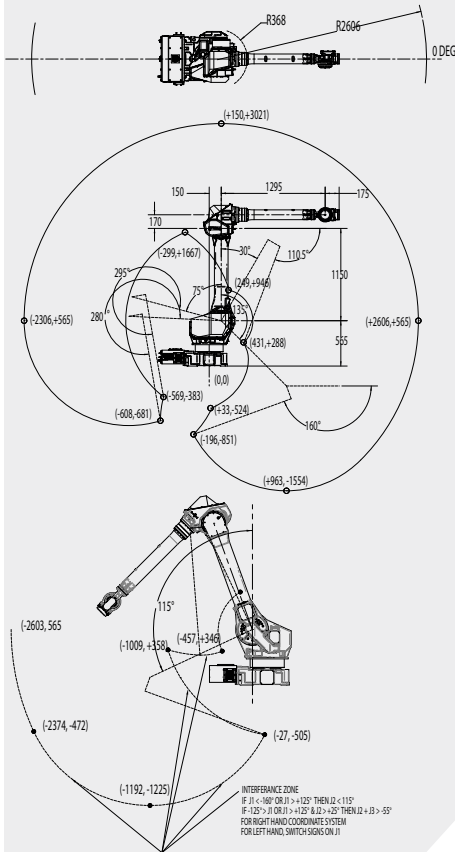
Max. reach: 2606 mm

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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.

Working range P-350iA/45

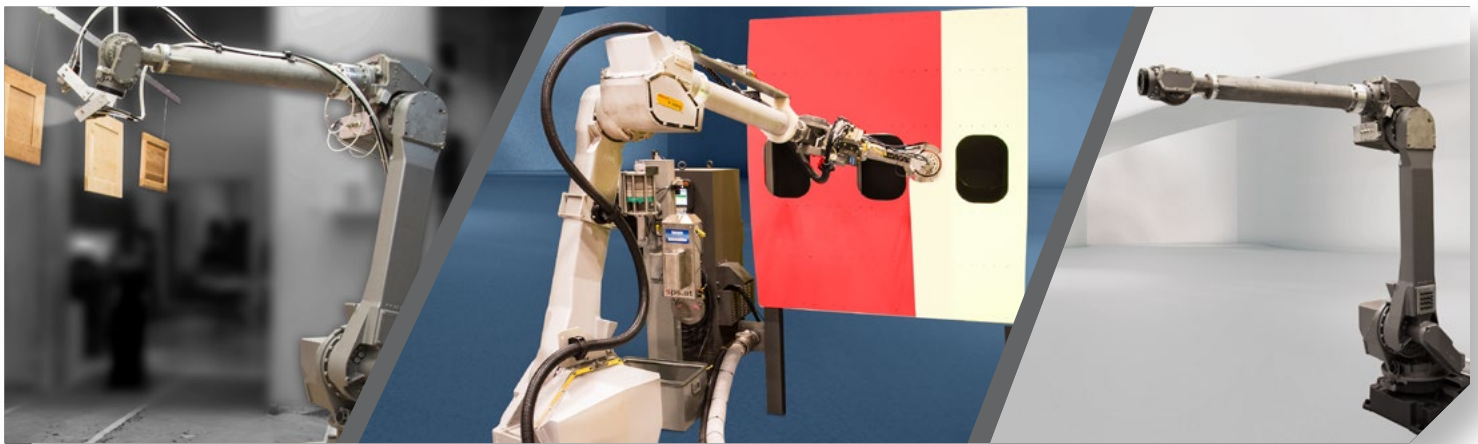


Features

- 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



P-350iA/45



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Robot			Max. load capacity at wrist (kg)	Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						Allowable load moment at wrist (Nm) Allowable load inertia at wrist (kg m ²)			Input power source (VAC) (50-60 HZ)
Series	Version	Type						J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6	J4	J5	J6	
P-350	iA	45	45	2606	6	± 0.1	590	360	225	440	800	250	800	180	180	180	250	250	300	206 28	206 28	127 20	200-230 +10/-15%

P-350iA/45 Heavy payload paint robot



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