



PERFECT FINISH – PAINTED BY THE SPECIALIST.

Fanuc Robot P-250iA/15



The FANUC P-250iA/15 is a full-size painting robot with industry's best work envelope and motion performance. The P-250iA/15 is designed for efficient process equipment integration with features such as a hollow wrist and option for two motors on the outer arm for gear pumps, an outer arm designed for easy integration of paint application equipment, and multiple hose routing options. This provides increased throughput and spraying time which improves transfer efficiency.

Features and benefits

- Floor and invert mounting permits versatility when unusual workpiece access is required

- Patented, production proven, hollow wrist and through-arm hose routing provide a clean application environment
- Options for either in-arm gear pump or mounting space for an in-arm flow meter and colour valves provide fluid delivery flexibility with minimized colour change time and material waste
- FM and CE Hazardous approval in process for Class I and II, Div. 1, Groups C,D,E,F,G environments
- TIIS approval in process
- Flex field hose make for fast installation
- Alternate Roxtec RS seal for CE Mark installation
- Ability to “flip-over” axis 2 and 3 to provide a very large work envelope and maximum flexibility for painting
- Payload sized to carry a variety of applicators including conventional and electrostatic air spray guns and rotary atomizers
- Optional: ROBOGUIDE^(R) PaintPROTM software is a user-friendly Windows^(R)-based graphical programming interface for creating, viewing, editing and simulating robot programs

Reliability and maintenance advantages

- Designed for painting environment
- 12th generation paint robot designed with production proven reliability
- Internally and externally sealed wrist
- Large wrist aperture

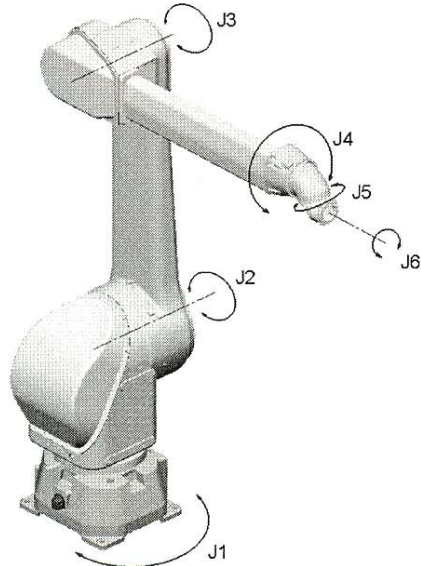
Software

- Line tracking
- Automatic colour change
- Analog parameter control
- Integral two-component variable ratio or one-component pump control
- ACCUFLOWTM closed loop fluid control for paint applications
- AccuchopTM closed loop fluid control for FRP applications
- Collision Guard

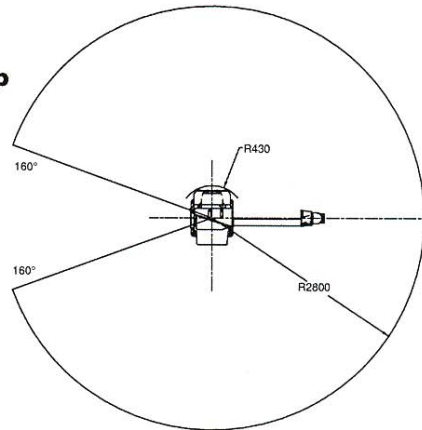
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Dimensions – Fanuc Robot P-250iA/15

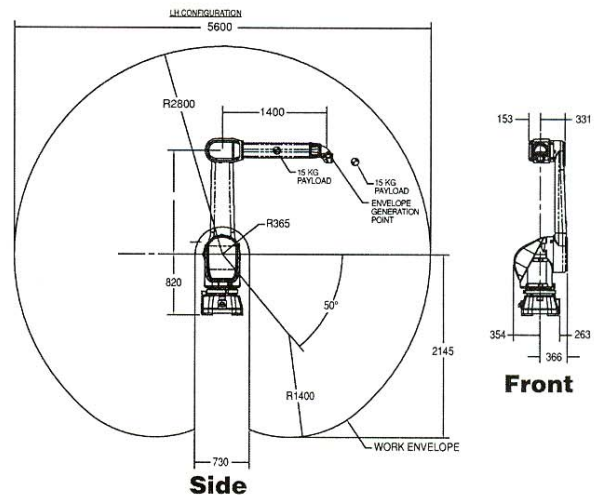
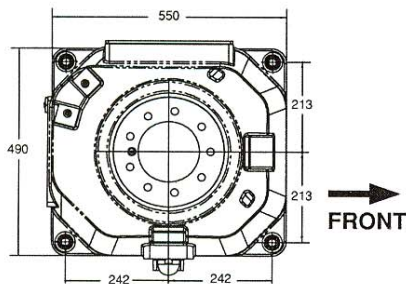
Isometric



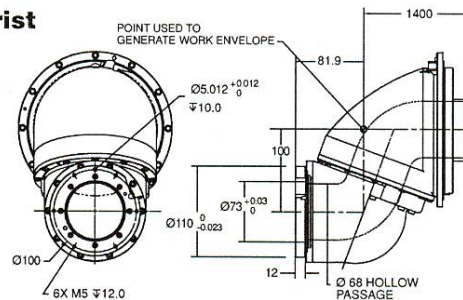
Top



Footprint



Wrist



Specification

Items	Motion range	Motion speed ⁽¹⁾
J1	320°	160°/s
J2	280°	160°/s
J3	330°	160°/s
J4	1080°	375°/s
J5	1080°	430°/s
J6	1080°	545°/s

Coating speed	1500 mm/s
Wrist payload ⁽²⁾	15 kg
Outer arm payload	15 kg
Repeatability	± 0.2 mm
Mechanical brakes	Axes 2, 3 (optional 1,4,5,6)
Certification (in process)	FM, CE Mark, TIIS
Weight:	520 kg

⁽¹⁾ Optional high speed wrist (550, 550, 710°/s)

⁽²⁾ At 300 mm axial, 50 mm radial offset.