

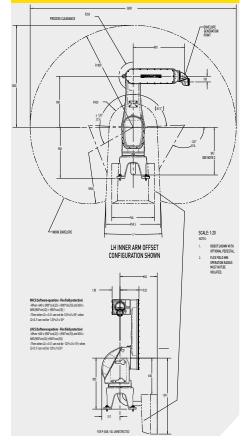




### Design

The P-50*i*B is a highly flexible and advanced six-axis paint robot for a wide range of painting applications.

#### Working range P-50iB/10L



#### **Features**

- Ability to package process components in the outer arm in close proximity to the applicator for rapid, accurate, and consistent application performance
- Optional transducers and trigger valve are built into the inner arm for fast process control
- Flip-Over capability provides for a wide variety of work envelopes
- Balanced arm design provides excellent near reach and stroke
- New Mate Controller is compact but with same powerful processor as larger robots
- 140 degree hollow wrist to allow for tight process demands
- Dual Check Safety enables smaller booths and lower system costs

## **Options**

- Floor, wall, angle, and ceiling mount 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-50*i*B/10L

Max. load capacity at wrist: 10 kg



Max. reach: 1800 mm

# **FANUC**

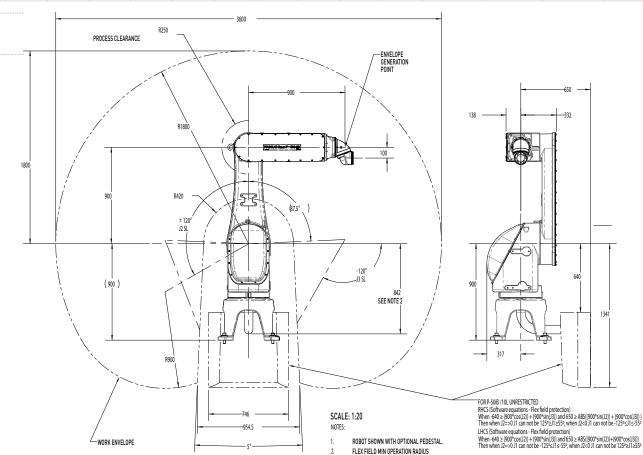
Robot								Motion range (°)						Maximum speed (°/s)						Allowable load moment at wrist (Nm)			(VAC)
Series	Version	Туре	Max.load capacity at wrist (kg)	Max.load capacity a wrist (kg) Reach (mm)	Controlled axes	Repeatability (mm)	Mechanical weight (kg)	J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6		J5		Input power source (v (50-60 HZ)
P-50	<i>i</i> B	10L	10	1800	6	± 0.05	110	320	240	404	1080	1080	1080	140	140	160	375	430	545	43.45 1.954	36.86 1.413	7.67 .233	200-300 +10/-15%

P-50*i*B/10L

P-50*i*B/10L

Paint robot





LH INNER ARM OFFSET CONFIGURATION SHOWN

MUST NOT BE VIOLATED.