

P-50iB/10L



Max. load capacity
at wrist: 10 kg



Max. reach:
1800 mm

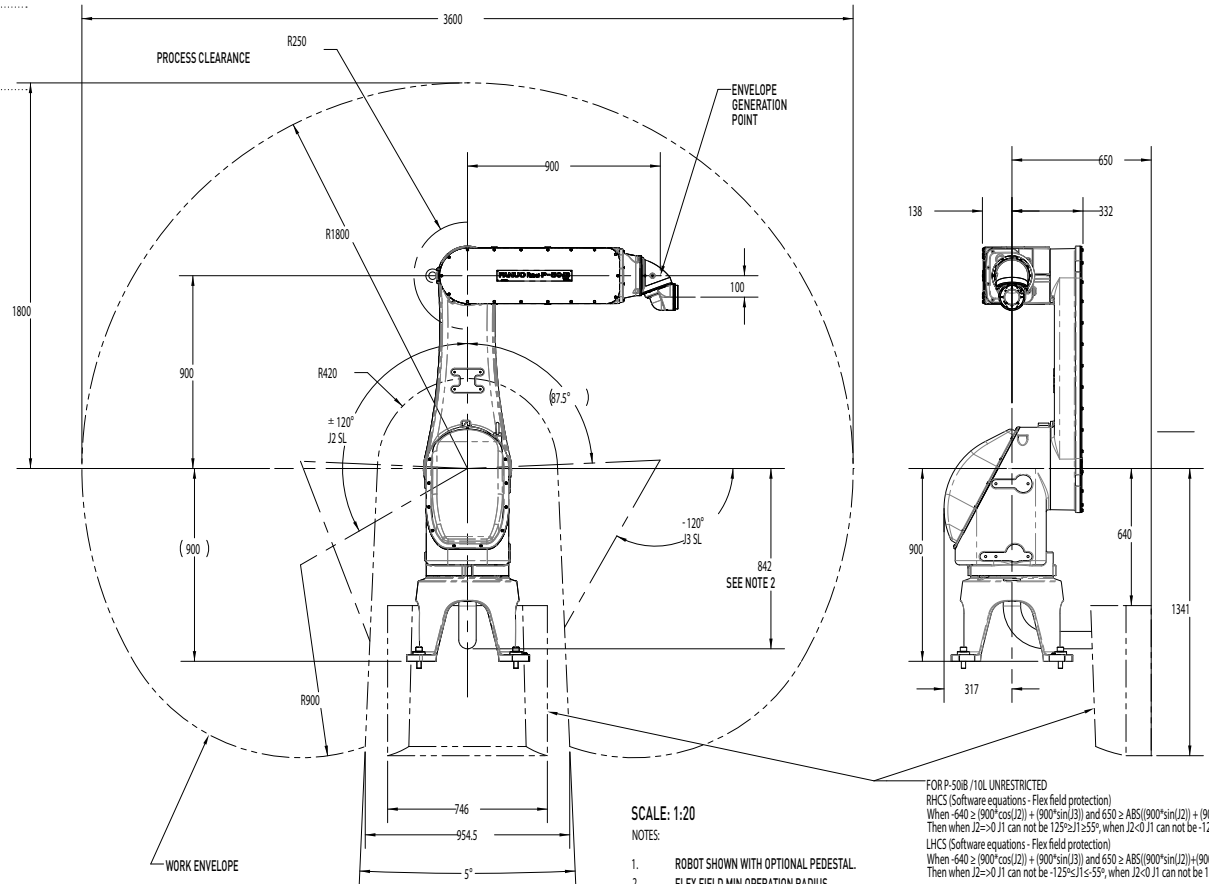
FANUC

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-50	iB	10L	10	1800	6	±0.2	364	±160	±120	+300 -120	±540	±540	±540	140	140	160	375	430	545	43.45 1.954	36.86 1.413	4.9 .025	200-300 +10/-15%

P-50iB/10L Paint robot



P-50iB/10L



SCALE: 1:20

NOTES:

- ROBOT SHOWN WITH OPTIONAL PEDESTAL.
- FLEX FIELD MIN OPERATION RADIUS MUST NOT BE VIOLATED.

FOR P-50B/10L UNRESTRICTED
 RHCS (Software equations - Flex field protection)
 When -640 ≥ (900*cos(J2)) + (900*sin(J3)) and 650 ≥ ABS(900*sin(J2)) + (900*cos(J3))
 Then when J2 ≥ 0 J1 can not be 125° ≤ J1 ≤ 55°; when J2 < 0 J1 can not be -125° ≤ J1 ≤ 55°
 LHCS (Software equations - Flex field protection)
 When -640 ≥ (900*cos(J2)) + (900*sin(J3)) and 650 ≥ ABS(900*sin(J2)) + (900*cos(J3))
 Then when J2 ≥ 0 J1 can not be -125° ≤ J1 ≤ 55°; when J2 < 0 J1 can not be 125° ≤ J1 ≤ 55°

LH INNER ARM OFFSET
CONFIGURATION SHOWN