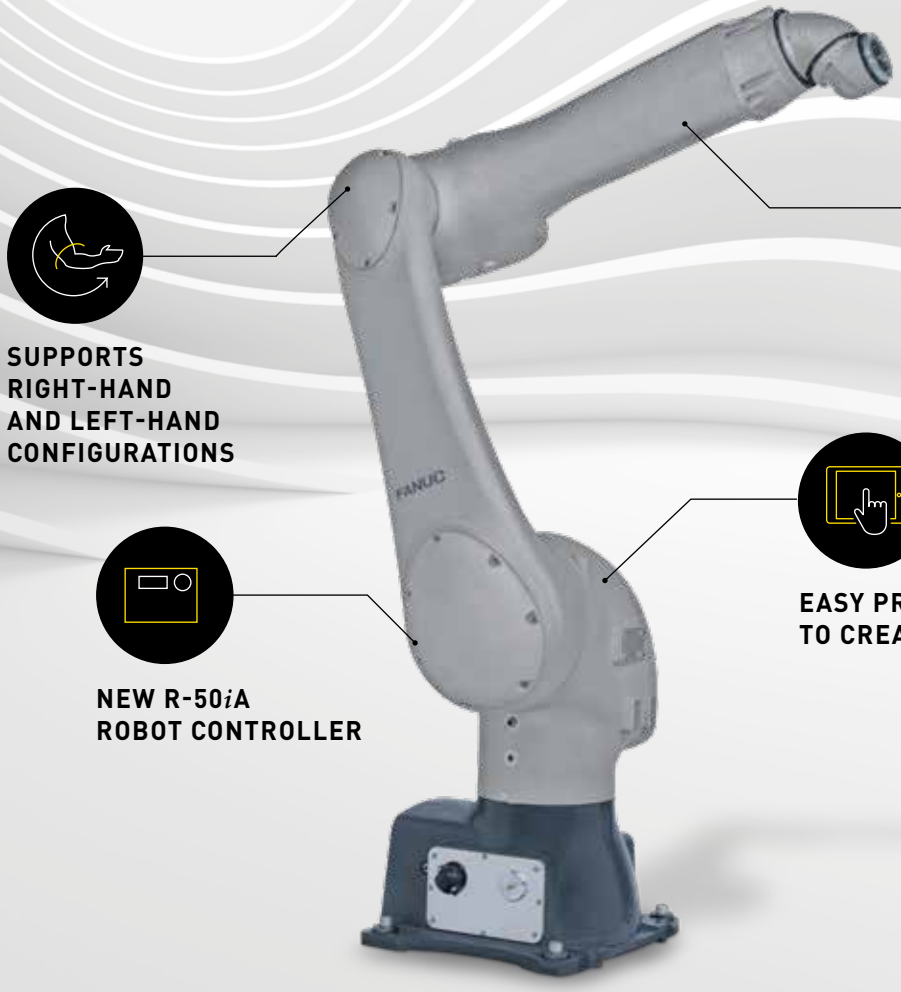
Automation has a name.

FANUC

NEXT-GENERATION MID-SIZE PAINT ROBOT

P-55/15-21A



SUPPORTS
RIGHT-HAND
AND LEFT-HAND
CONFIGURATIONS

HIGHLY VERSATILE
15 KG PAYLOAD AND
2050 MM REACH

NEW R-50*i*A
ROBOT CONTROLLER

EASY PROGRAMMING
TO CREATE PAINT PATHS

Designed to handle a wide range of paint applications. From general industries to automotive, it delivers stable paint quality while reducing on-site workload.

- Large components can be painted flexibly, thanks to a long reach of over 2 meters and a payload capacity of 15 kg.
- The robot supports both right-hand and left-hand configurations, allowing it to be installed on both sides of a paint line for a symmetrical layout. This improves operational efficiency and increases flexibility in layout design.
- Available on the new R-50*i*A controller, the redesigned explosion-proof circuits, reduced component count, and integrated units consolidate all functions into a single cabinet. This simplified structure reduces maintenance workload and speeds up installation and troubleshooting, ultimately enhancing overall operational efficiency.
- Latest software enhances path accuracy, reducing uneven coating and improving paint quality.
  A constant-path function independent of velocity override settings is also offered to make teaching easier.
- Battery-less encoders eliminate the need to install or replace batteries, thus reducing regular maintenance burden and contributing to environmental sustainability.

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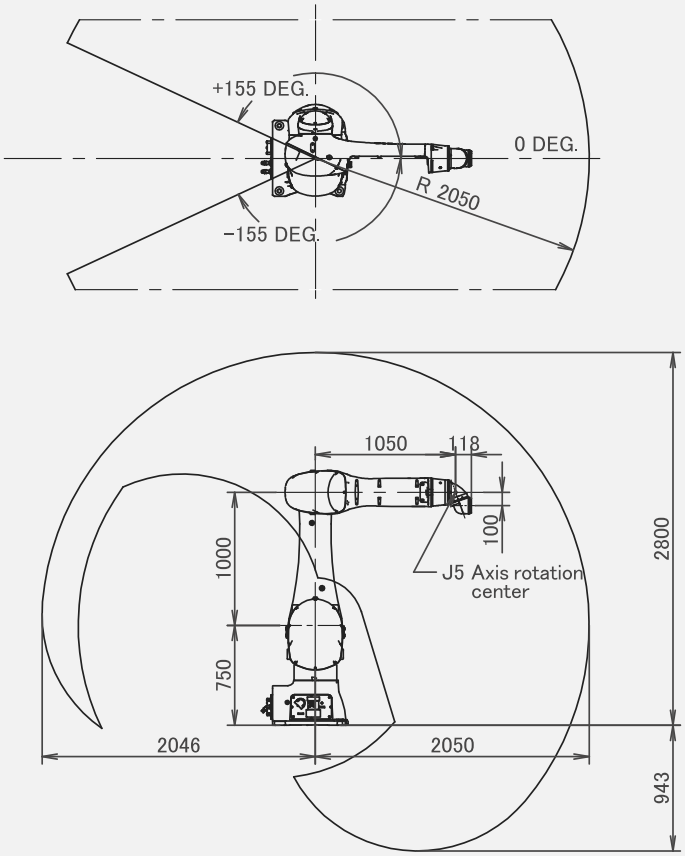
P-55/15-21A

Max. load capacity at wrist: **15 kg**

Max. reach: **2050 mm**

Controlled axes	Repeatability (mm)	Mechanical weight *1 (kg)	Motion range (°)						Maximum speed (°/s)*2						J4 Moment/ Inertia (Nm/kgm2)	J5 Moment/ Inertia (Nm/kgm2)	J6 Moment/ Inertia (Nm/kgm2)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
6	± 0.07	430	310	215	220	1080	1080	1080	125	125	125	375	430	545	65/3	55/2.1	11.5/0.35

Working range



Robot	**P-55/15-21A**
Robot footprint [mm]	-
Mounting position Floor	●
Mounting position Invert	●
Mounting position Wall	●
Mounting position Angle	●

Controller	**R-50*i*A**
Mate cabinet	-
A-cabinet	-
B-cabinet	-
C-cabinet	●
*i*Pendant	●

*1) Without controller. *2) During short distance motions, the axis speed may not reach the maximum value stated.

● standard ○ on request - not available [ ] with hardware and/or software option

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