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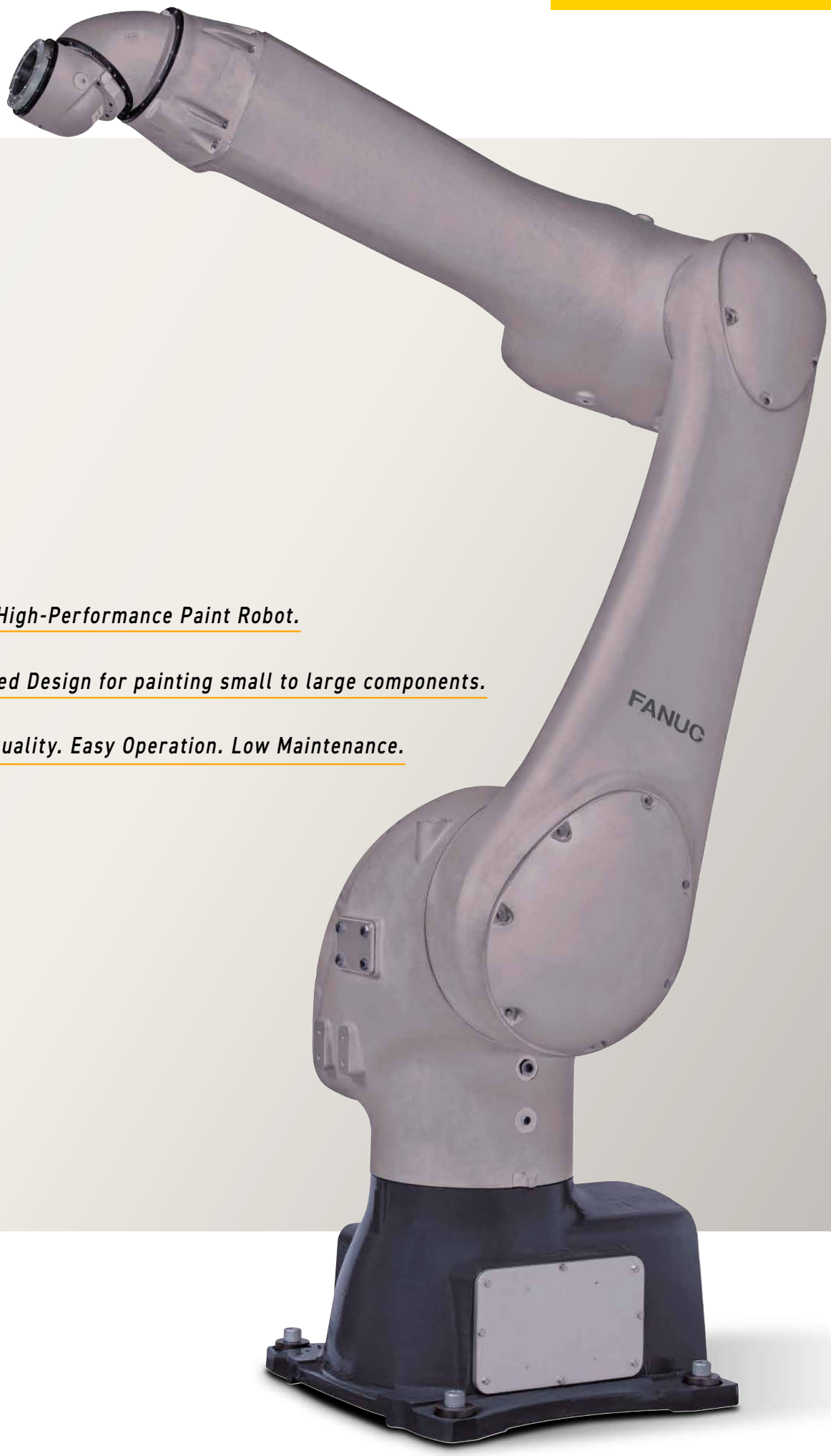
Paint Robot

P-55

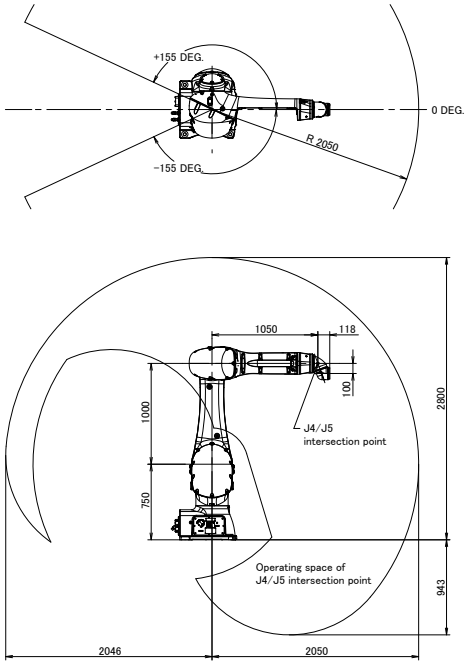
Next Generation High-Performance Paint Robot.

Versatile Mid-Sized Design for painting small to large components.

Enhanced Paint Quality. Easy Operation. Low Maintenance.



Operating space P-55/15-21A



Specifications

Model		P-55/15-21A
Type		Articulated Type
Controlled axes		6 axes (J1, J2, J3, J4, J5, J6)
Reach		2050 mm
Installation		Floor, Upside-down, Wall mount, Angle mount
Motion range (Maximum speed) Note 1)	J1 axis rotation	310° (125°/s)
	J2 axis rotation	215° (125°/s)
	J3 axis rotation	387° (125°/s)
	J4 axis wrist rotation	720° (375°/s)
	J5 axis wrist swing	720° (430°/s)
	J6 axis wrist rotation	720° (545°/s)
Max. load capacity at wrist		15 kg
Max. load capacity at J2 base		15 kg
Max. load capacity on J3 arm		25 kg (with 0 process axes)
		23 kg (with 1 process axes)
		21 kg (with 2 process axes)
Allowable load moment at wrist	J4 axis	65.0 N·m
	J5 axis	55.0 N·m
	J6 axis	11.5 N·m
Allowable load inertia at wrist	J4 axis	3.0 kg·m²
	J5 axis	2.1 kg·m²
	J6 axis	0.35 kg·m²
Drive method		Electric servo drive by servo motor
Repeartability Note 2)		± 0.03 mm
Mass Note 3)		410 kg
Installation environment		Ambient temperature : 0 to 45℃ Ambient humidity : Normally 75%RH or less (No condensation allowed) Short term (Within one month) 95%RH or less (No condensation allowed) Vibration acceleration : 4.9m/s² (0.5G) or less

Note 1) During short distance motions, the axis speed may not reach the maximum value stated.
Note 2) Compliant with ISO 9283.
Note 3) Without controller.

FANUC CORPORATION

●Headquarters 3580, Shibokusa, Oshino-mura, Minamitsuru-gun
Yamanashi, 401-0597, JAPAN
Phone: (+81)555-84-5555 https://www.fanuc.co.jp/

●Overseas Affiliated Companies

FANUC America Corporation	Phone: (+1)248-377-7000	https://www.fanucamerica.com/
FANUC Europe Corporation, S.A.	Phone: (+352)727777-1	https://www.fanuc.eu/
SHANGHAI-FANUC Robotics CO., LTD.	Phone: (+86)21-5032-7700	https://www.shanghai-fanuc.com.cn/
KOREA FANUC CORPORATION	Phone: (+82)55-278-1200	https://www.fkc.co.kr/
TAIWAN FANUC CORPORATION	Phone: (+886)4-2359-0522	https://www.fanuctaiwan.com.tw/
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FANUC THAI LIMITED	Phone: (+66)2-714-6111	https://www.fanuc.com/fth/
FANUC MECHATRONICS (MALAYSIA) SDN. BHD.	Phone: (+60)3-3082-1222	https://www.fanuc.com/fmm/
PT. FANUC INDONESIA	Phone: (+62)21-4584-7285	https://www.fanuc.com/fin/
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