



PERFECT FINISH – PAINTED BY THE SPECIALIST.

Robot FANUC Paint Mate 200iA/5L

Max. load capacity 5 kg – max. reach 892 mm
Long arm version



Features

- *i/Pendant*[™], a colour, Internet-ready teach pendant for even easier programming and custom cell user interface design
- Optional one or four pneumatic three-way solenoid valves located in the purge cavity for gun triggering capability
- Floor, invert, angle and wall mounting permits versatility for robot location and allows for minimal spray booth size
- Absolute serial encoders eliminate the need for calibration at power-up
- Standard FANUC Robotics purge control
- ATEX Cat. II Group 2G and 2D
- Tabletop size, slim wrist, and small footprint permit operation in tight work spaces
- Extremely fast acceleration and deceleration motion results in faster cycle times

Reliability and maintenance advantages

- The latest generation of a proven design
- Sealed bearings and brushless AC motors
- Purged and pressurized cavities
- Designed for painting environment

Software

PaintTool[™] software with optional configurations for stand alone or multi robot systems with built-in paint function controls:

- Analog parameter control
- Colour change control
- “Cancel/Continue” feature
- Integral 2K variable ratio pump control
- ACCUFLOW[™] closed-loop fluid control
- Line tracking
- Collision detection
- Internet connectivity
- KAREL[®] programming language

Process control hardware must be added separately.

FANUC Robotics' Paint Mate 200iA/5L robot is a compact, electric servo-driven paint robot with best-in-class performance designed for operation in a hazardous environment. Based on the highly-acclaimed LR Mate[®] series, this robot's envelopes, speed, and dexterity are a perfect fit for coatings and hazardous duty applications. The Paint Mate can be used for small parts painting or a material saving alternative to multiple fixed guns.

Paint Mate, the solution for

- Painting and coating
- Assembly and handling in hazardous environments
- Material removal where hazardous cooling chemicals are present
- Dispensing

Technical Data

Robot FANUC Paint Mate 200iA/5L

Maximum load capacity wrist:	5 kg
Maximum reach:	892 mm
No. of axes:	6
Repeatability:	+/- 0,03 mm
Weight (mechanical):	37 kg
Average power consumption:	0,5 kW
Protection body:	ATEX certified Cat. II Group 2G and 2D
Controller:	R-30iB, Mate cabinet, iPendant Touch (standard)

	Motion range	Max. speed
Axis J1:	340°	270°/sec
Axis J2:	230°	270°/sec
Axis J3:	373°	270°/sec
Axis J4:	380°	450°/sec
Axis J5:	240°	450°/sec
Axis J6:	720°	720°/sec

Motion range and dimensions

