



PERFECT FINISH – PAINTED BY THE SPECIALIST.

Fanuc Robot Paint Mate 200iA and Paint Mate 200iA/5L



FANUC Robotics' Paint Mate 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

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.

