



PERFECT FINISH – PAINTED BY THE SPECIALIST.

Robot FANUC ARC Mate 100iC/7L

Max. payload 7 kg – max. reach 1633 mm
Hollow-Wrist, long arm version



The ARC Mate 100iC/7L is a high-performance six-axis industrial robot from FANUC Robotics. This small but powerful robot weighs only 135 kg, but delivers 7 kg payload with the highest wrist moments and inertia in its class.

Thanks to the slim arm and hollow wrist design, FANUC's ARC Mate Series robots are able to perform operations in confined spaces and handle extremely high payloads.

FANUC robots are the result of many years experience in robotics and are suitable for a wide range of applications.

Different models meet different requirements and are equipped with a variety of software tools that increase the versatility of the products and make tasks more stable and efficient.

Features

- **Hollow wrist and hollow arm**
The hollow wrist of the ARC Mate allows you to work in the tightest of spaces and reduces costs. Offline programming makes it easier to predict interfering contours that may occur during a work process.
- **Long range**
This flexible and easy to install model is an excellent solution for applications where extended range is required.
- **First class reach compared to lifting capacity**
This model has a maximum reach of 1633 mm and a stroke of 1154 mm.

Technical Data

Robot FANUC ARC Mate 100iC/7L

Maximum load wrist:	7 kg
Maximum reach:	1633 mm
No. of axes:	6
Repeatability:	+/- 0,08 mm
Weight (mechanical):	135 kg
Average power consumption:	1 kW
Protection body:	IP54 (standard), IP55 (option)
Controller:	R-30iB, A-cabinet, iPendant Touch

	Motion range	Max. speed
Axis J1:	340° (360°)	230°/sec
Axis J2:	250°	225°/sec
Axis J3:	447°	230°/sec
Axis J4:	380°	430°/sec
Axis J5:	280° (380°)	430°/sec
Axis J6:	540° (720°)	630°/sec

() with hardware and/or software options

Motion range and dimensions

