

Robot FANUC M-10iA/12S

Max. payload 12 kg – max. reach 1098 mm
Hollow-Wrist, short arm version



Function Description

High throughput and optimized cycle times make the FANUC M-10iA the fastest handling robot in its class. The result: top performance in various application areas .

The high axle speed and acceleration of the M-10iA ensure a great mobility of the wrist. The robot has a weight

of only 130 kg and a payload capacity of 12 kg. The slim arm and the hollow wrist with an internal cable facilitate operation in a confined space.

The high axis speed and acceleration make the FANUC M-10iA the specialist for payloads up to 12 kg. Sealed bearings and brushless, maintenance-free AC motors provide protection, improve reliability and provide longer service life and minimum downtime.

Features

- **Slim wrist design for easy access**
Featuring a slim wrist interference radius, the FANUC M-10iA is designed for easy integration into small work cells.
- **Highest payload capacity of the range**
Ideal for workloads up to 12 kg and envelopes not exceeding 1098 mm.
- **No external cables to catch or wear**
Internal cable routing through the J3 arm and J6 wrist extends cable life and prevents the risk of cable interference
- **A suitable wrist for every purpose**
The hollow wrist and J3 cantilever arm provide maximum cable protection, easy maintenance and reduced system costs.
- **Integrated services**
Integrated air and electrical services consisting of 8 inputs and 8 outputs as standard.

Technical Data

Robot FANUC M-10iA/12S

Maximum load wrist:	12 kg
Maximum reach:	1098 mm
No. of axes:	6
Repeatability:	+/- 0,04 mm (based on ISO9283)
Weight (mechanical):	130 kg
Average power consumption:	1 kW
Protection body:	IP54 (standard), IP55 (option)
Controller:	R-30iB, A-cabinet (standard), iPendant Touch

	Motion range	Max. speed
Axis J1:	340° (360°)	260°/sec
Axis J2:	250°	280°/sec
Axis J3:	340°	315°/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

