

# Robot FANUC M-10iA/7L

Max. payload 7 kg – max. reach 1633 mm  
Hollow-Wrist, long 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 135 kg and a payload capacity of 17kg. 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 7 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.
- **Long reach, highest flexibility**  
With a unique maximum reach of 1633 mm, a repeatability of  $\pm 0.08$  mm is achieved
- **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
- **Flexible mounting positions**  
The various possibilities for mounting on the floor, on the ceiling, in corners or on the wall allows maximum utilization of the robot's working space.
- **Integrated services**  
Integrated air and electrical services consisting of 8 inputs and 8 outputs as standard.

PERFECT FINISH – PAINTED BY THE SPECIALIST.

## Technical Data

### Robot FANUC M-10iA/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 (standard), 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

