



PERFECT FINISH – PAINTED BY THE SPECIALIST.

# Robot FANUC M-10iD/10L

Max. payload 10 kg – max. reach 1636 mm  
Hollow-Wrist, long arm version



Sealed bearings and brushless, maintenance-free AC motors provide protection, improve reliability and provide longer service life and minimum downtime.

The new M-10 Series long arm model of the FANUC M-10iD/10L features outstanding axis speed and best-in-class precision. This extremely versatile robot, specially designed for narrow installation areas, can work on very large parts thanks to its immense horizontal stroke and can also be mounted overhead or angled.

## Features

- New slim and lightweight design for higher productivity; compact arm and wrist to avoid collisions with the periphery
- Ideal solution for compact production plants
- Smooth surface to reduce dirt and dust accumulation; easy installation and seamlessly integrated cables to minimize downtime
- Intelligent maintenance concept with the Zero Down Time Software by forecasting the status of the mechanics and process equipment
- **Slim wrist design for easy access**  
Featuring a slim wrist interference radius, the FANUC M-10 is designed for easy integration into small work cells.
- **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
- **Integrated services**  
Integrated air and electrical services consisting of 8 inputs and 8 outputs as standard.

## Function Description

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

The high axle speed and acceleration of the M-10 ensure a great mobility of the wrist. The slim arm and the hollow wrist with an internal cable facilitate operation in a confined space.

## Technical data

### Robot FANUC M-10iD/10L

Maximum load wrist:	10 kg
Maximum reach:	1636 mm
No. of axes:	6
Repeatability:	+/- 0,03 mm (based on ISO9283)
Weight (mechanical):	150 kg
Average power consumption:	1 kW
Protection body:	IP54 (standard), IP55 (option)
Controller:	R-30iB Plus, A-cabinet (standard), iPendant Touch

	<b>Motion range</b>	<b>Max. speed</b>
Axis J1:	340° (370°)	260°/sec
Axis J2:	235°	240°/sec
Axis J3:	450°	260°/sec
Axis J4:	380°	430°/sec
Axis J5:	380°	450°/sec
Axis J6:	900°	720°/sec

( ) with hardware and/or software options

## Motion range and dimensions

