

# FANUC

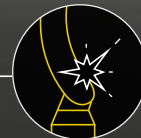
## Fast, slim and accurate handling robot



**LARGEST HOLLOW WRIST**  
and hollow arm



**FULLY INTEGRATED CABLE MANAGEMENT**  
to eliminate interference



**SMOOTH SURFACES**  
to minimise dust and dirt collection



**SLIM AND CURVED J2 ARM**  
to minimise interference

**NEW**

**M-10iD/12**



### The compact solution for maximum performance

- new slim and lightweight design to increase productivity
- compact arm and wrist to minimise interference against peripheral equipment and fixtures
- ideal solution for compact production line installations
- smooth finishing to reduce collection of dust and dirt
- easy installation and seamlessly integrated routing of user cable handling dressout eliminate interference from peripherals and work cell equipment
- intelligent maintenance schedule with Zero Down Time software by smartly predicting mechanical and process equipment status

**MOTION CONTROLS ROBOTICS**  
1500 Walter Ave, Fremont, OH 43420

**Authorized FANUC System Integrator**  
CERTIFIED VISION SPECIALIST  
CERTIFIED SERVICE PROVIDER

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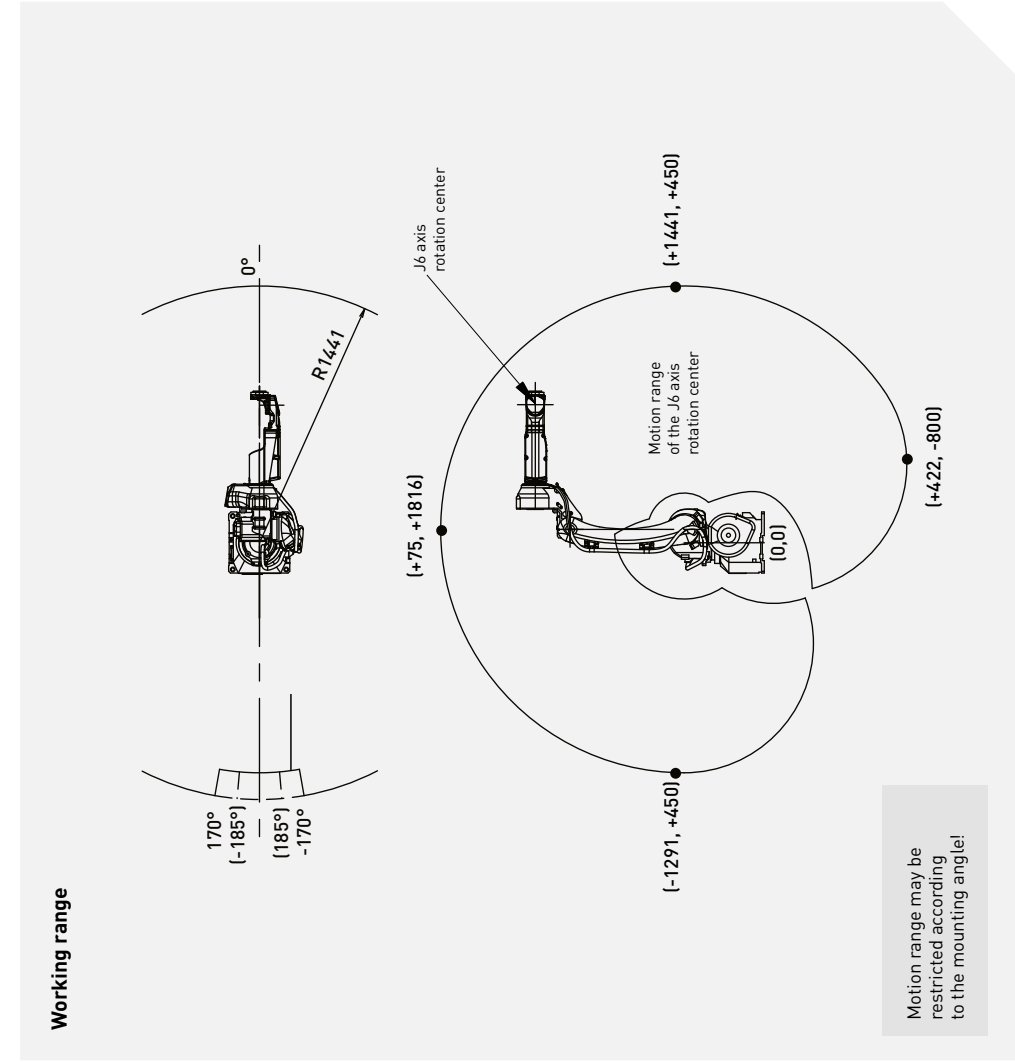


# M-10iD/12 (Hollow wrist)

Max. load capacity at wrist: **12 kg**

Max. reach: **1441 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J4 Moment/Inertia (Nm/kgm <sup>2</sup> )	J5 Moment/Inertia (Nm/kgm <sup>2</sup> )	J6 Moment/Inertia (Nm/kgm <sup>2</sup> )
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
6	± 0.02*	145	340 (370)	235	455	380	360	900	260	240	430	450	720	26.0/0.90	26.0/0.90	11.0/0.30	



## Robot

- Robot footprint [mm] 340 x 340
- Mounting position Floor
- Mounting position Upside down
- Mounting position Angle

## Controller

- Open air cabinet
- Mate cabinet
- A-cabinet
- B-cabinet
- iPendant Touch

## Electrical connections

- Voltage 50/60Hz 3phase [V] 380-575
- Voltage 50/60Hz 1phase [V] -
- Average power consumption [kW] 1

## Integrated services

- Integrated signals on upper arm In/Out 8/8
- Integrated air supply 1

## Environment

- Acoustic noise level [dB] 57,4
- Ambient temperature [° C] 0-45

## Protection

- Body standard/optional IP54 /IP55
- Wrist & J3 arm standard/optional IP67

● standard ○ on request - not available ( ) with hardware and/or software option \*Based on ISO9283