

**FANUC**

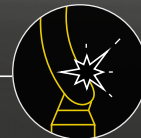
# Fast, slim and accurate handling robot



**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

**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

# M-10iD/12

(Hollow wrist)

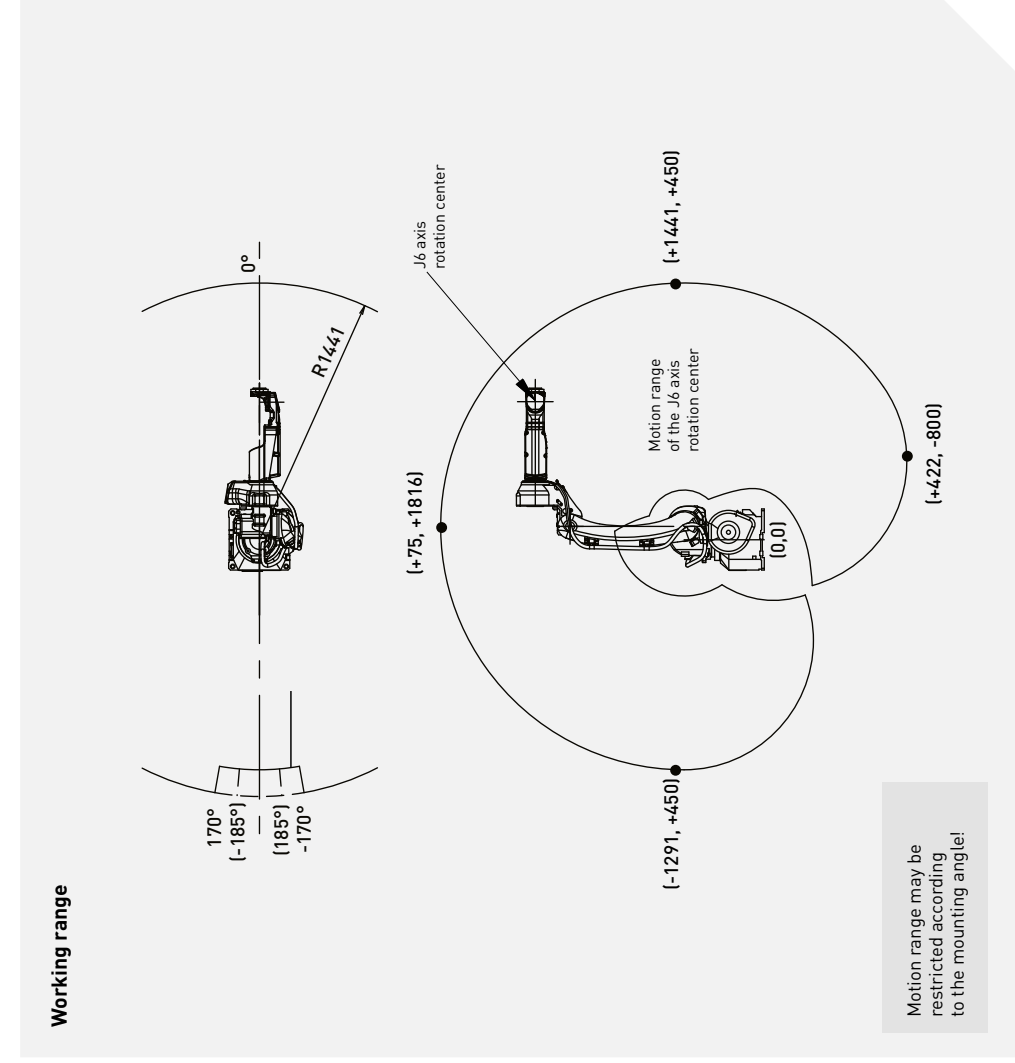
Max. load capacity  
at wrist: **12 kg**



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
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] **M-10iD/12**  
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