

THE FACTORY AUTOMATION COMPANY

FANUC

Fast, slim and accurate handling robot

M-10iD/12



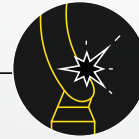
**LARGEST
HOLLOW WRIST**
and hollow arm



**FULLY INTEGRATED
CABLE MANAGEMENT**
to eliminate interference



SLIM AND CURVED J2 ARM
to minimise interference



SMOOTH SURFACES
to minimise
dust and dirt collection



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

WWW.FANUC.EU

M-10iD/12 (Hollow wrist)



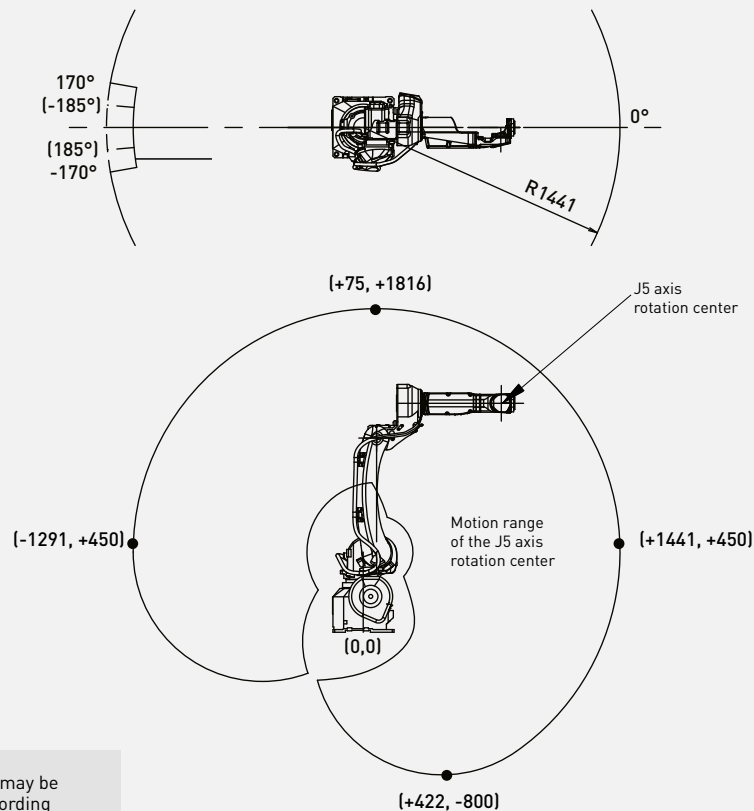
Max. load capacity
at wrist: **12 kg**



Max. reach:
1441 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						J4 Moment/ Inertia (Nm/kgm ²)	J5 Moment/ Inertia (Nm/kgm ²)	J6 Moment/ Inertia (Nm/kgm ²)
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6			
6	± 0.02*	145	340 (370)	235	455	380	280 (360)*21)	540 (900)*21)	260	240	260	430	450	720	26.0/0.90	26.0/0.90	11.0/0.30

Working range



Motion range may be restricted according to the mounting angle!

Robot

	M-10iD/12
Robot footprint [mm]	340 x 340
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●

Controller

	R-30iB Plus
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 /IP65
Wrist & J3 arm standard/optional	IP67

* 21) Extended range for external cable type

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