

FANUC

Precise and fast compact handling



**FULLY INTEGRATED
CABLE MANAGEMENT**
to eliminate interference



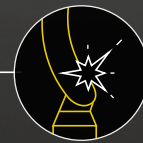
SLIM AND CURVED J2 ARM
to minimise interference



25 KG PAYLOAD



**LARGE
HOLLOW WRIST
and hollow arm**



SMOOTH SURFACES
to minimise dust
and dirt collection

NEW
M-20iD/25



High performance in a small footprint

- slim lightweight design for more throughput
- compact arm and wrist for maximum access
- ideal for crowded production environments
- smooth finish deters dirt and is easy to clean
- easy to install, plus internal cable routing prevents snagging
- Zero Down Time software for intelligent maintenance prediction and scheduling

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(Hollow wrist)

Max. load capacity
at wrist: **25 kg**

Max. reach:
1831 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	E1	J1	J2	J3	J4	J5				J6	E1
6	± 0.02*	250	340 (370)	260	475	400	280 (360)	540 (900)	-	210	210	265	420	420	720	-	52.0/2.4	52.0/2.4	32.0/1.2

Working range



Robot

Robot footprint [mm]

Robot footprint [mm]

Mounting position Floor

Mounting position Upside down

Mounting position Analysis



Controller

.....
Open air cabinet

Mate cabinet

.....
A-cabinet

.....B-cabinet

.....iPendant Touch

Electrical connections

Voltage 50/60Hz 3phase [V]

Voltage 50/60Hz 1 phase [V]

Average power consumption [W]

Integrated services

Integrated signals on inner arm In/Out

Integrated air supply

Environment

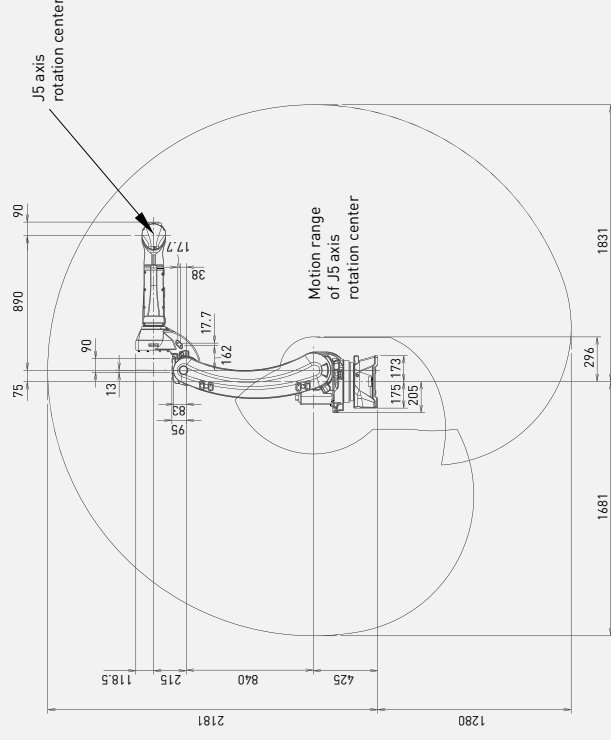
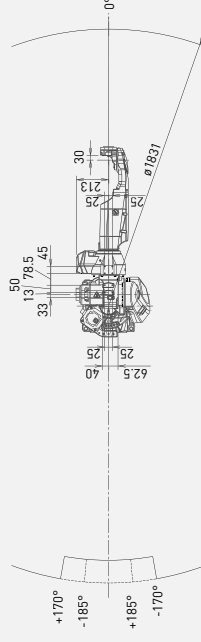
Acoustic noise level [dBr]

Ambient temperature [$^{\circ}\text{C}$]

Protection

.....
Body standard/optional

Wrist & 13 arm standard/optional



Motion range may be restricted according to the mounting angle!

*Based on ISO9283

- standard
- on request - not available () with hardware and/or software option