

FANUC

Precise and fast compact handling

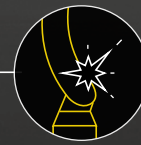


**FULLY INTEGRATED
CABLE MANAGEMENT**
to eliminate interference



SLIM AND CURVED J2 ARM
to minimise interference

NEW
M-20iD/25



SMOOTH SURFACES
to minimise dust
and dirt collection



25 KG PAYLOAD



**LARGE
HOLLOW WRIST
and hollow arm**



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

M-20iD/25

(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	J1	J2	J3	J4	J5	J6				E1
6	± 0.02*	250	340 (370)	260	458	400	280 (360)	540 (900)	-	210	210	265	420	420	720	-	52.0/2.4	32.0/1.2



Robot

M-20iD/25
 Robot footprint [mm] 343 x 343
 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

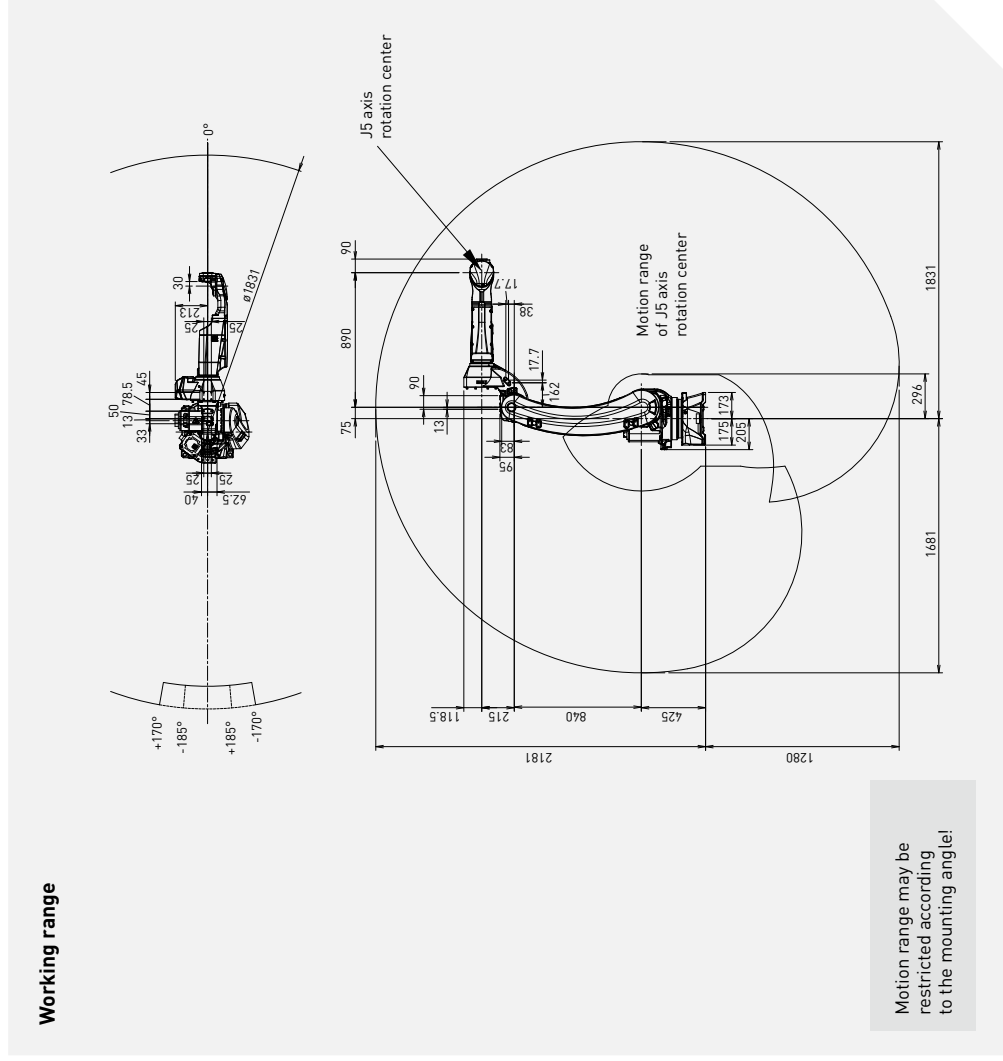
Integrated signals on upper arm In/Out 8/8
 Integrated air supply 1

Environment

Acoustic noise level [dB] < 70
 Ambient temperature [° C] 0-45

Protection

Body standard/optional IP54/IP65
 Wrist & J3 arm standard/optional IP67



Motion range may be restricted according to the mounting angle!

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