

FANUC

NEW M-20iB/25C Fast, clean and fully enclosed



SLIM ARM
FOR MORE FLEXIBILITY



USER INTERFACE
INTEGRATED IN THE ARM



APT TO BE WASHED
(IP67)



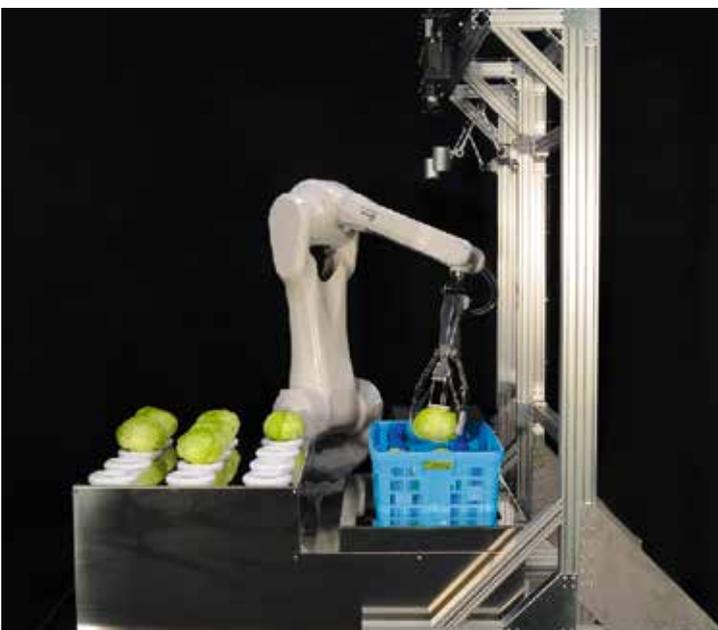
ENCLOSED CONSTRUCTION
NO EXPOSED CABLES
OR MOTORS



Fraunhofer

**TESTED[®]
DEVICE**

FANUC Europe Corporation S.A.
M-20iB/25C
Report No. FA 1705-911



Flexibility whatever the environment:

- 25 kg payload capacity
- fully enclosed
- IP67 protection
- equipped with food grade lubricant by default (J1-J6)
- resistant against cleaning agents
- clean room class ISO 5
- wrist with advanced servo technology
- increased cycles and throughput



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M-20iB/25C



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



Max. reach:
1853 mm

Controlled axes	Pose 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	± 0.023*	210	340(360)	240	303	400	400	290	540	205	205	260	415	415	880	51/2.2	51/2.2	31/1.2



Robot

M-20iB/25C

- Robot footprint [mm] 383 x 343
- Mounting position Floor
- Mounting position Upside down
- Mounting position Angle



Controller

R30iB

- Open air cabinet -
- Mate cabinet o
- A-cabinet •
- B-cabinet o
- 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 8/2
- Integrated air supply 1

Environment

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

Protection

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

Air Cleanliness Class

- Clean room class in accordance to ISO 14644-1 ISO class 5

Working range

