

Ultimate reach, fast precision handling

M-10iD/8L



LONG ARM

for longer reach to work on bigger workpieces and cover a wider area



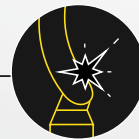
8 KG PAYLOAD
perfect for additional toolings



LARGE HOLLOW WRIST
and hollow arm



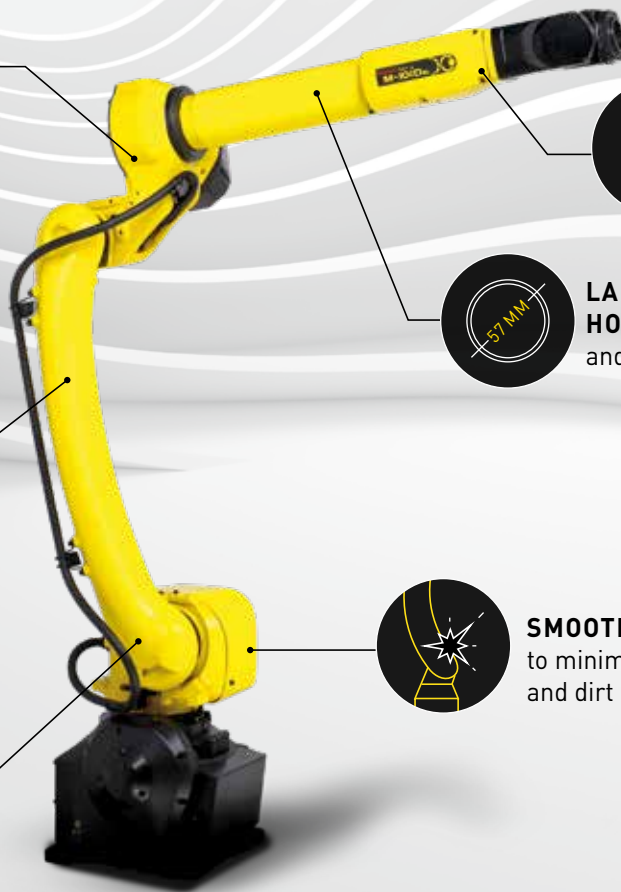
SLIM AND CURVED J2 ARM
to minimise interference



SMOOTH SURFACES
to minimise dust and dirt collection



FULLY INTEGRATED CABLE MANAGEMENT
to eliminate interference



Fast accurate handling for maximum productivity

- high productivity and precision thanks to higher rigidity
- compact and fully articulated to reach narrow spaces in machine tools or jigs
- ideal solution for compact production line installations
- easy installation and seamless fully integrated cable routing to eliminate interference from peripherals and work cell equipment
- intelligent maintenance schedule with FANUC Zero Downtime function that predicts mechanical and process equipment status

M-10iD/8L



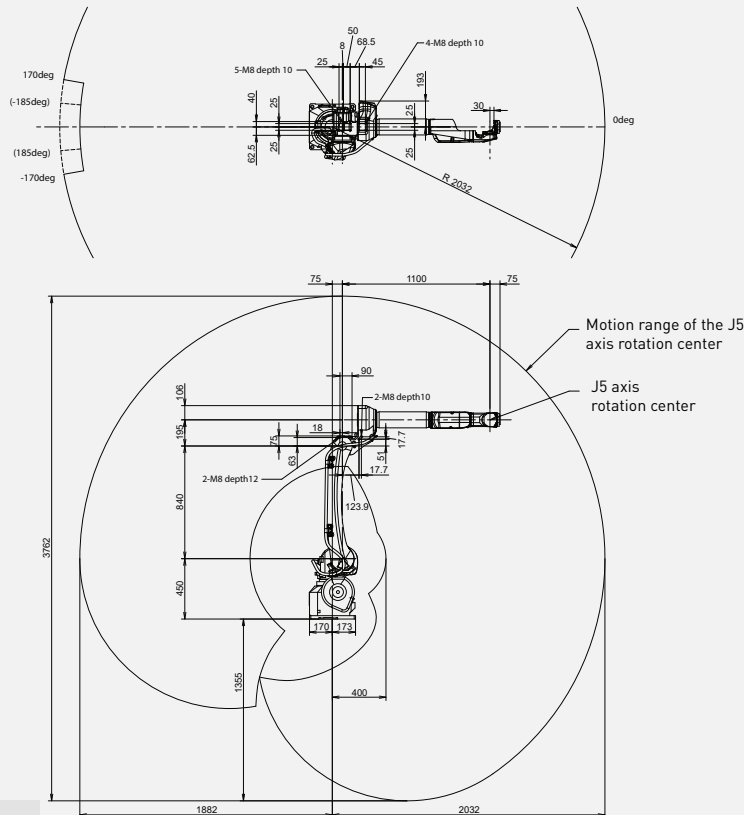
Max. load capacity
at wrist: **8 kg**



Max. reach:
2032 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	± 0.03*	180	340 (370)	235	455	380	280 (360)*21)	540 (900)*21)	210	210	220	430	450	720	16.1/0.63	16.1/0.63	5.9/0.061

Working range



Motion range may be restricted according to the mounting angle!



Robot

Robot footprint [mm]	M-10iD/8L 343 x 343
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



Controller

Open air cabinet	R-30iB Plus -
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
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