

FANUC

Long reach, high payload



INTEGRATED SERVICES
in the arm like motor, i/o
and compressed air system



SLIM DESIGN
to reduce required
floor space to minimum



STRONG ARM & WRIST
with high load
moment and inertia



POWERFUL AND STIFF
despite its compact design

NEW

M-900iB/330L

High payload in a compact design

- high payload capacity of 330 kg
- large work envelope with horizontal reach of 3203 mm and vertical reach of 3539 mm
- compact mechanical construction to ensure efficient light-weight design
- integrated services in the arm prevent snagging and interference
- ideal solution for heavy spot welding and material handling application like palletising

M-900iB/330L

Max. load capacity
at wrist: **330 kg**



Max. reach:
3203 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	± 0.1*	1780	370	151	164	720	720	250	720	100	85	90	85	165	2205/340	2205/340	1200/220

Robot

Robot footprint [mm] 830 X 610

Mounting position Floor ●

Mounting position Upside down -

Mounting position Angle -

Controller

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] 3

Integrated services

Integrated signals on upper arm In/Out 8/8

Integrated air supply 2

Environment

Acoustic noise level [dB] 73.9

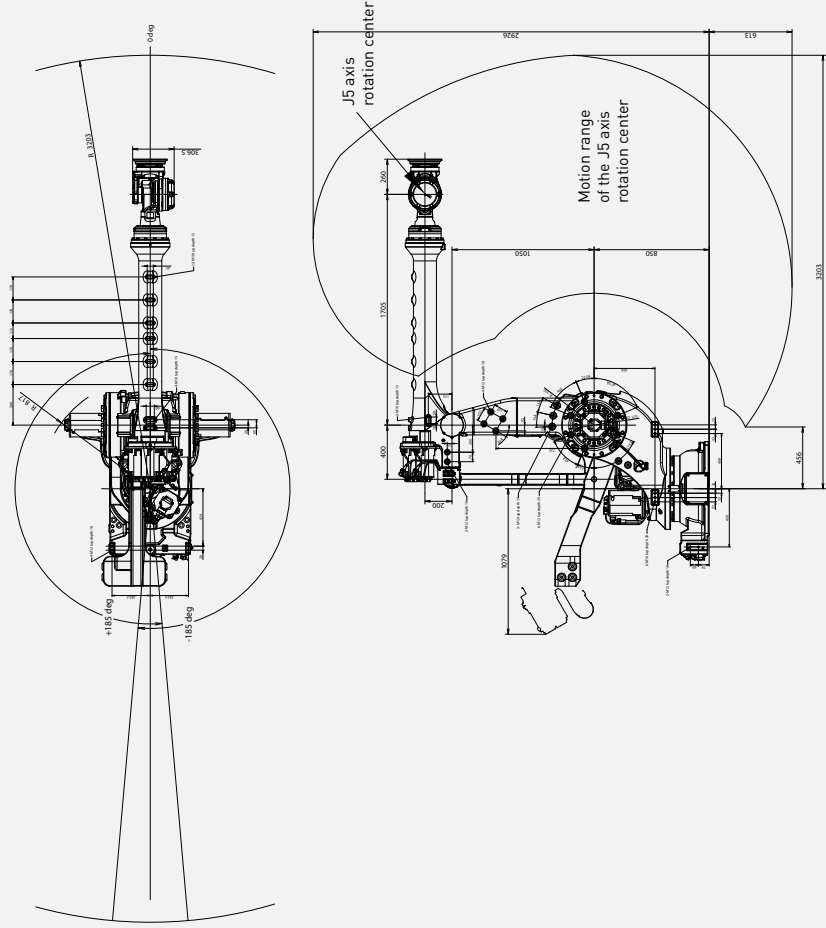
Ambient temperature [° C] 0-45

Protection

Body standard/optional IP54/IP56

Wrist & J3 arm standard/optional IP67

Working range



*Based on ISO9283

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