

# M-20iD/12L



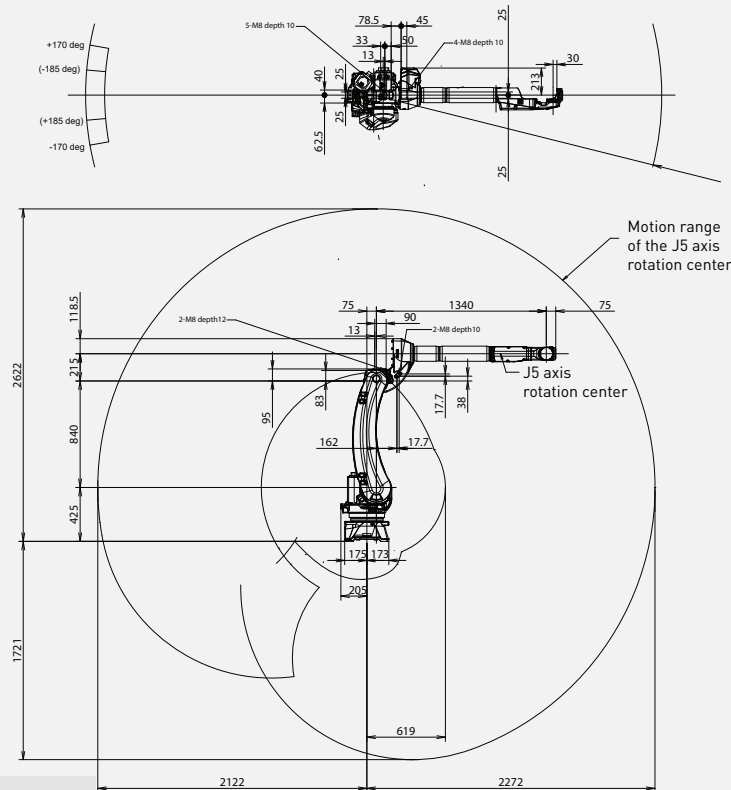
Max. load capacity  
at wrist: **12 kg**



Max. reach:  
**2272 mm**

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)							Maximum speed (°/s)							J4 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J5 Moment/ Inertia (Nm/kgm <sup>2</sup> )	J6 Moment/ Inertia (Nm/kgm <sup>2</sup> )
			J1	J2	J3	J4	J5	J6	E1	J1	J2	J3	J4	J5	J6	E1			
6	± 0.03*	250	340 (370)	260	475	400	360	900	-	210	210	265	420	450	720	-	22.0/0.65	22.0/0.65	9.8/0.17

## Working range



Motion range may be restricted according to the mounting angle!



### Robot

Robot footprint [mm]	<b>M-20iD/12L</b> 343 x 343
Mounting position Floor	●
Mounting position Upside down	●
Mounting position Angle	●



### Controller

Open air cabinet	<b>R-30iB Plus</b> -
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
Wrist & J3 arm standard/optional	IP67

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

\*Based on IS09283