

# FANUC

## Strong, space-saving and upside down

**UPSIDE DOWN**  
SPECIALIST MADE FOR  
UPSIDE DOWN USAGE



**NEW**

**R-2000iC/220U**



**STRONG ARM**  
220 KG MAX PAYLOAD



**INTEGRATED SERVICES**  
MOTOR, I/O AND  
COMPRESSED AIR  
SYSTEM INTEGRATED  
IN THE ARM



**STRONG WRIST**  
FOR HIGH MOMENT  
AND INERTIA



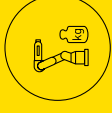
### Strong, space saving and upside down:

- specialist for upside down usage
- minimum space requirements
- high mechanical stiffness
- suitable for applications where floor / wall mount robots cannot be used because of a narrow work space and ground-mounted other equipment
- high payload capacity in upside down use of 220 kg
- horizontal reach: 2518 mm, vertical reach: 3415 mm
- arm integrated services to prevent snagging and interference
- primary axis solution arm equipment available (optional)

[WWW.FANUC.EU](http://WWW.FANUC.EU)

# R-2000iC/220U

(Upside down mount)



Max. load capacity  
at wrist: **220 kg**



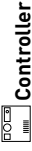
Max. reach:  
**2518 mm**

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	J1	J2	J3	J4	J5	J6					
6	± 0.05*	1020	370	136	312	720	720	250	720	720	120	85	110	140	140	220	1360/147	1360/147	735/82



## Robot

Robot footprint [mm]	R-2000iC/220U	771 X 610
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]	3

## Integrated services

Integrated signals on upper arm In/Out	8/8
Integrated air supply	2

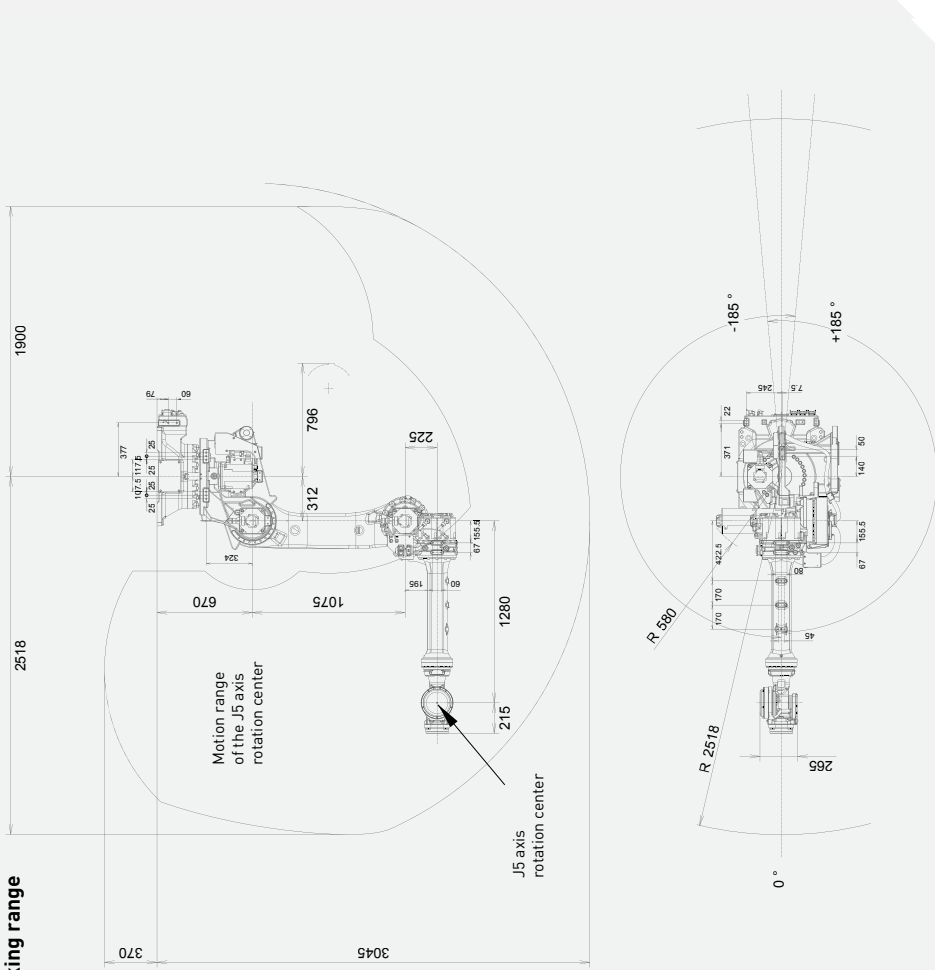
## Environment

Acoustic noise level [dB]	70.5
Ambient temperature [° C]	0-45

## Protection

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

## Working range



● standard ○ on request - not available [ ] with hardware and/or software option

\*Based on ISO9283