

Compact, fast and powerful

FANUC



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



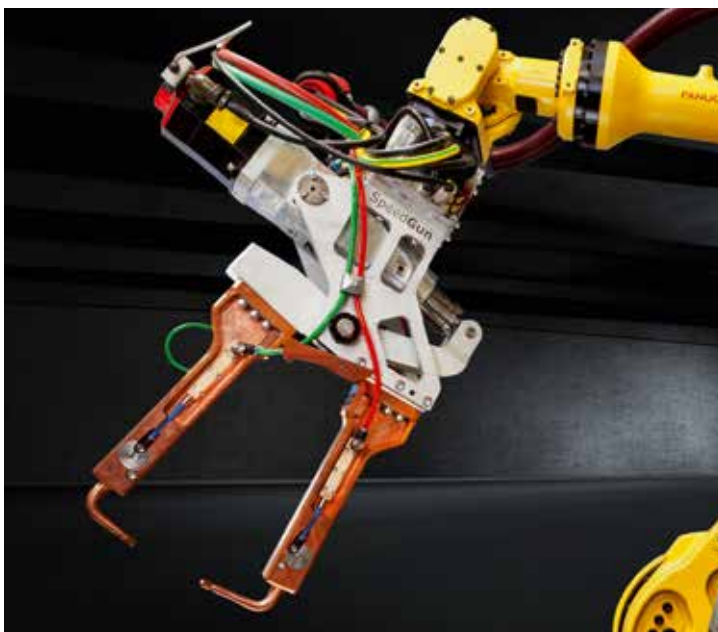
STRONG ARM
130 KG MAX
PAYLOAD



POWERFUL AND STIFF
DESPITE ITS COMPACT,
LIGHT DESIGN

NEW

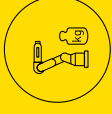
R-1000iA/130F



High payload in a small footprint:

- enhanced, compact mechanical construction for high payloads and short cycle times
- efficient light-weight design, minimum space requirements and mechanical stiffness
- highly suitable for spot welding and material handling
- enhanced payload capacity: 130 kg
- horizontal reach: 2230 mm, vertical reach: 3738 mm
- integrated services in the arm prevent snagging and interference

R-1000iA/130F

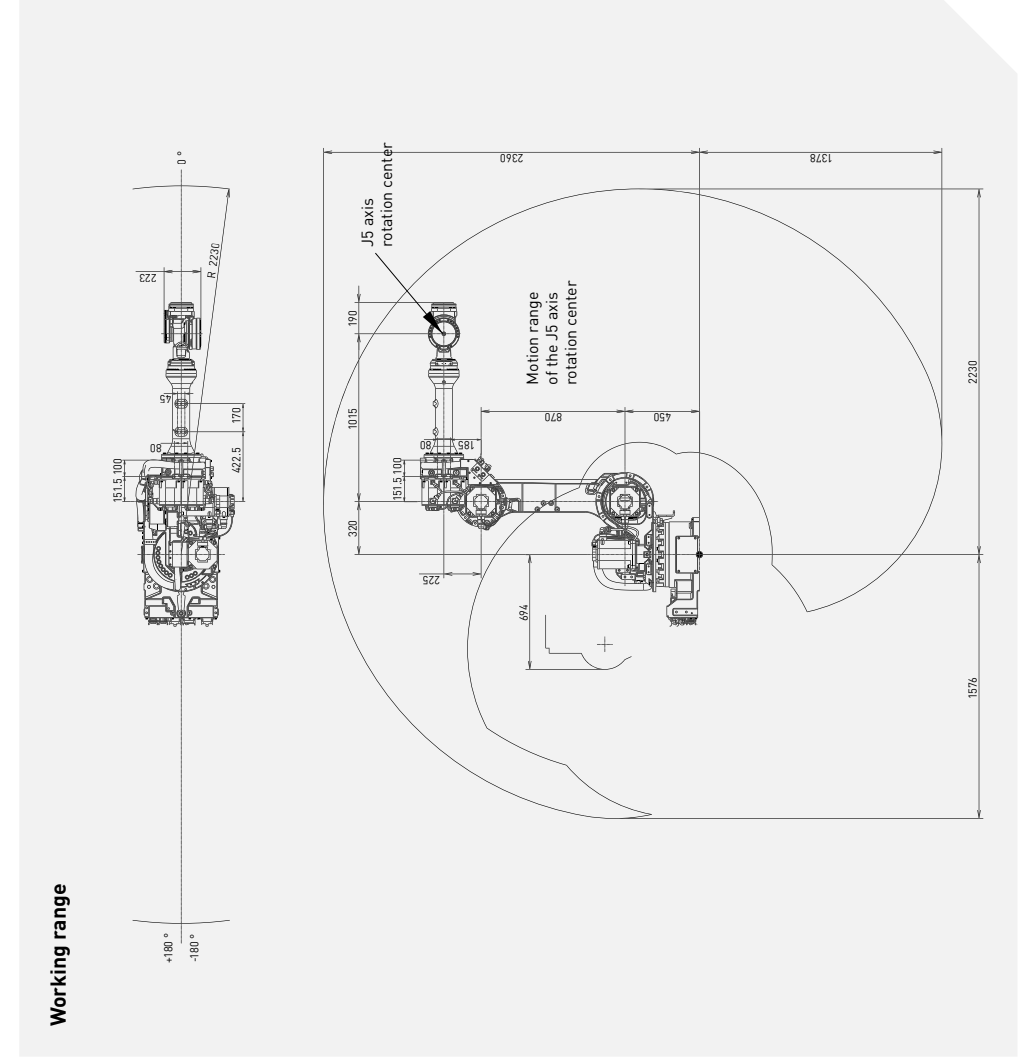


Max. load capacity
at wrist: **130 kg**



Max. reach:
2230 mm

Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range [°]						Maximum speed [°/s]						J6 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*	675	360	245	360	720	250	720	130	110	120	170	170	250	800/71	800/71	360/38



Robot

- Robot footprint [mm] 605 X 450
- 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] < 70
- Ambient temperature [° C] 0-45

Protection

- Body standard/optional IP54/IP56
- Wrist & J3 arm standard/optional IP67