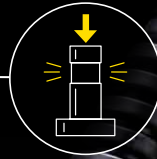


# FANUC

## Ultra-compact, fast and accurate



**STRONG ARM**  
3 KG MAX PAYLOAD



**BRAKE RELEASE SWITCH**  
ALLOWS EASY ERROR RECOVERY

### NEW SCARA ROBOT

### SR-3iA



**INTEGRATED SERVICES**  
I/O, 24VDC, SOLENOID VALVES AND AIR LINES PREVENT INTERFERENCE CONTOURS



**LIGHTWEIGHT DESIGN**  
ULTRACOMPACT FOOTPRINT AND ROBOT DESIGN MINIMISE INTERFERENCE WITH PERIPHERAL DEVICES



### Next level of FANUC small robot line-up

- ultra-compact footprint and robot design minimises interference with peripheral devices
- highly suitable for assembly, packaging and material handling operations
- new R-30iB Compact Plus controller with minimum space requirements
- web based user interface (iRProgrammer) for intuitive and ease-of-use programming via tablet or PC (no iPendant Touch required)
- payload capacity of 3 kg - horizontal reach: 400 mm - vertical reach: 200 mm
- integrated services e.g. I/O, 24VDC, solenoid valves and air lines in the arm simplify integration and reduce costs
- bottom cable exit and wall mounting equipment optional available



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# SR-3iA

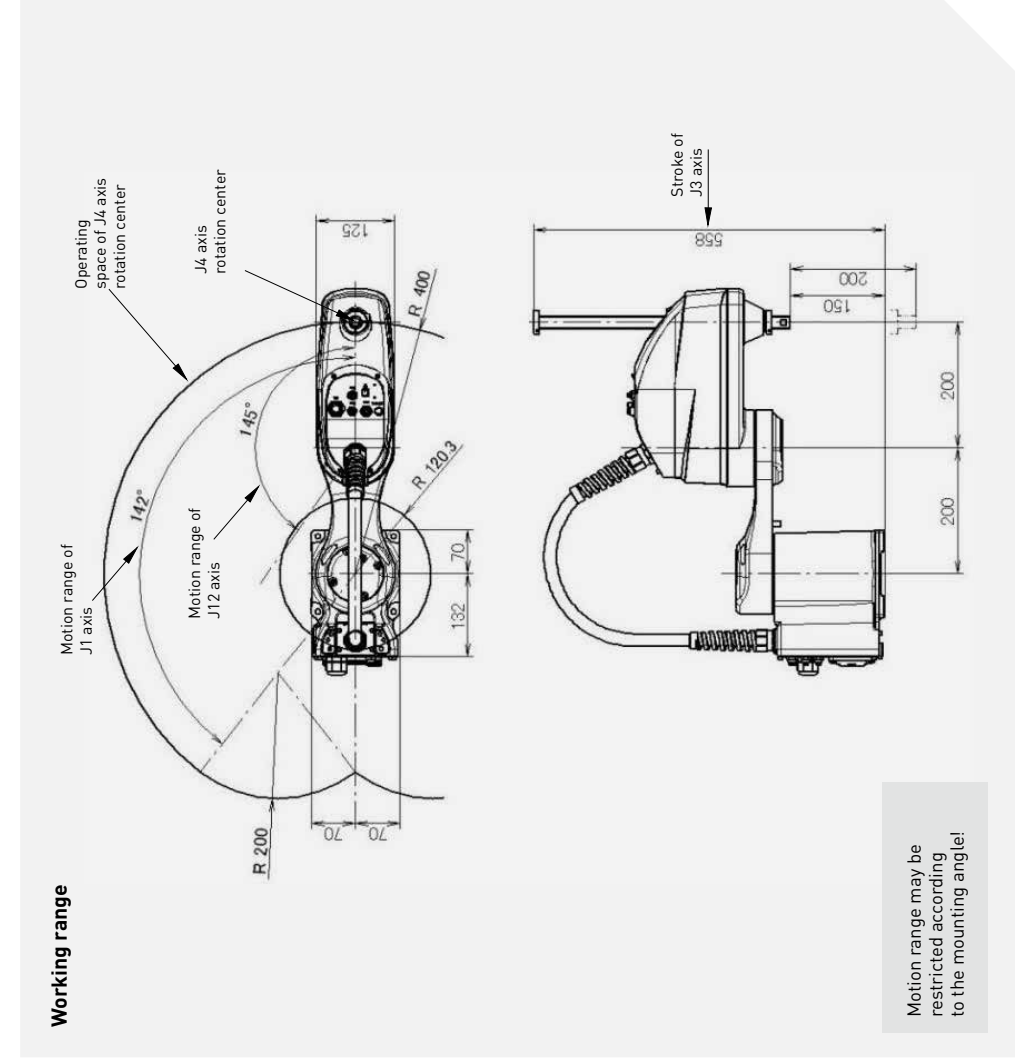
Max. load capacity  
at wrist: **3kg**



Max. reach:  
**400 mm**



Controlled axes	Repeatability (mm)	Mechanical weight (kg)	Motion range (°)						Maximum speed (°/s)						Inertia (kgm <sup>2</sup> )	Inertia (kgm <sup>2</sup> )	Inertia (kgm <sup>2</sup> )	
			J1	J2	J3	J4	J5	J6	J1	J2	J3	J4	J5	J6				
4	±0.01 [J1,J2,J3] ±0.004 [J4]	19	284	290	200mm	720	720	-	-	-	-	780	3000	-	-	0.06	-	-



**Robot**  
 Robot footprint [mm] ..... **SR-3iA**  
 140 x 202 (34.1) ●  
 Mounting position Floor  
 Mounting position Upside down -  
 Mounting position Angle -

**Controller**  
 Compact Plus ●  
 Open air cabinet -  
 Mate cabinet -  
 A-cabinet -  
 B-cabinet -  
 iPendant Touch ○

**Electrical connections**  
 Voltage 50/60Hz 3phase [V] ..... -  
 Voltage 50/60Hz 1phase [V] ..... 200-230  
 Average power consumption [kW] ..... 0.2

**Integrated services**  
 Integrated signals on upper arm In/Out ..... 4/4  
 Integrated air supply ..... 1

**Environment**  
 Acoustic noise level [dB] ..... /  
 Ambient temperature [°C] ..... 0-45

**Protection**  
 Body standard/optional ..... IP20  
 Wrist & J3 arm standard/optional ..... IP20

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