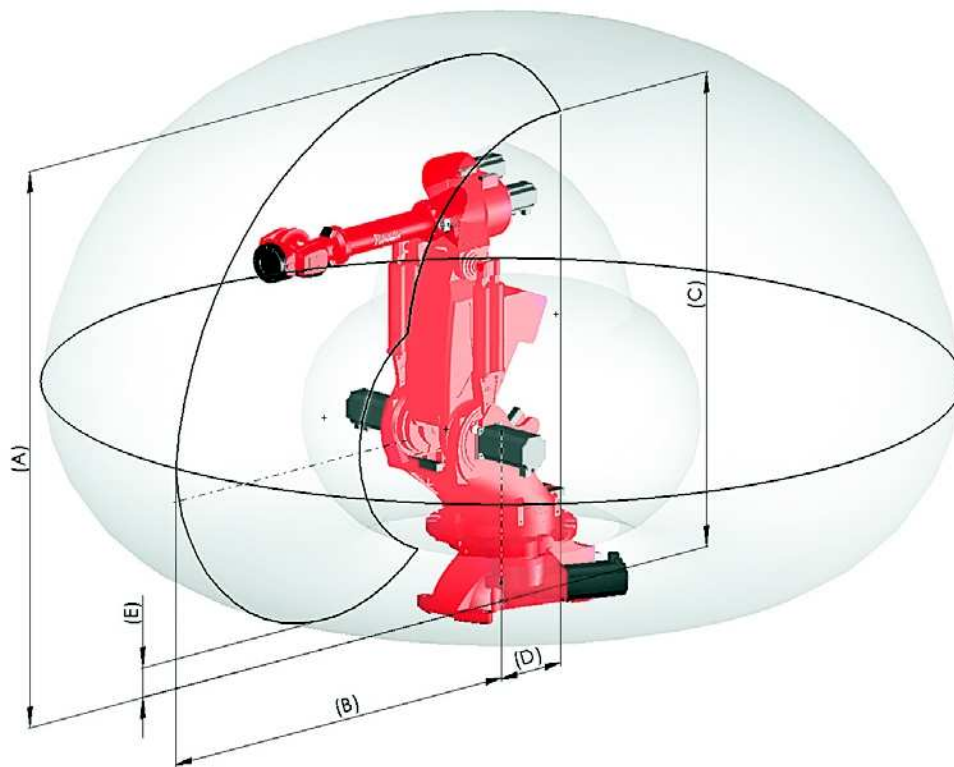




Payload up to
500 kg ■

Maximum horizontal reach
2997 mm ■

Repeatability
0.15 mm ■

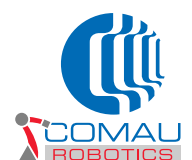


- Assembly
- Foundry
- Handling Packaging
- Machine Tending
- Measuring Testing
- Polishing Deburring
- Processing Machining
- Spot Welding
- Wood-Glass Machining

ROBOT APPLICATIONS

Model	NJ 500-2.7	NJ 450-2.7	NJ 420-3.0	NJ 370-3.0
	PRELIMINARY	PRELIMINARY	PRELIMINARY	PRELIMINARY
Number of axes	6	6	6	6
Load at wrist (kg)	500	450	420	370
Additional load on forearm (kg)	50	50	50	50
Torque of axes (Nm)				
4	2550	2550	2550	2109
5	2550	2550	2550	2109
6	1569	1569	1569	1569
Axes stroke (Speed)				
1	+/- 180° (85°/s)	+/- 180° (85°/s)	+/- 180° (85°/s)	+/- 180° (85°/s)
2	+ 75° /- 60° (85°/s)	+ 75° /- 60° (85°/s)	+ 75° /- 60° (85°/s)	+ 75° /- 60° (85°/s)
3	- 10°/- 231° (85°/s)	- 10°/- 231° (85°/s)	- 10°/- 220° (85°/s)	- 10°/- 220° (85°/s)
4	+/- 2700° (90°/s)	+/- 2700° (90°/s)	+/- 2700° (90°/s)	+/- 2700° (90°/s)
5	+/- 125° (90°/s)	+/- 125° (90°/s)	+/- 125° (90°/s)	+/- 125° (90°/s)
6	+/- 2700° (120°/s)	+/- 2700° (120°/s)	+/- 2700° (120°/s)	+/- 2700° (120°/s)
Repeatability ISO 9283 (mm)	0.15	0.15	0.15	0.15
Maximum horizontal reach (mm)	2703	2703	2997	2997
Installation position	Floor	Floor	Floor	Floor
Protection Class	IP54/IP67 wrist	IP65/IP67 wrist	IP54/IP67 wrist	IP65/IP67 wrist
Operating Areas (mm)				
A	3392	3392	3680	3680
B	2703	2703	2997	2997
C	2895	2895	3195	3195
D	486	486	433	433
E	181	181	- 118	- 118
Foundry version	Not Available	Available	Not Available	Available

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