

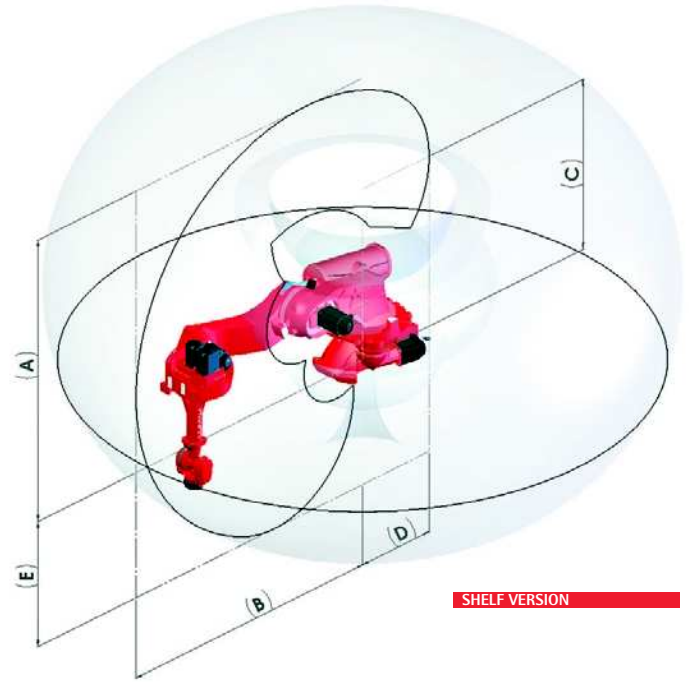
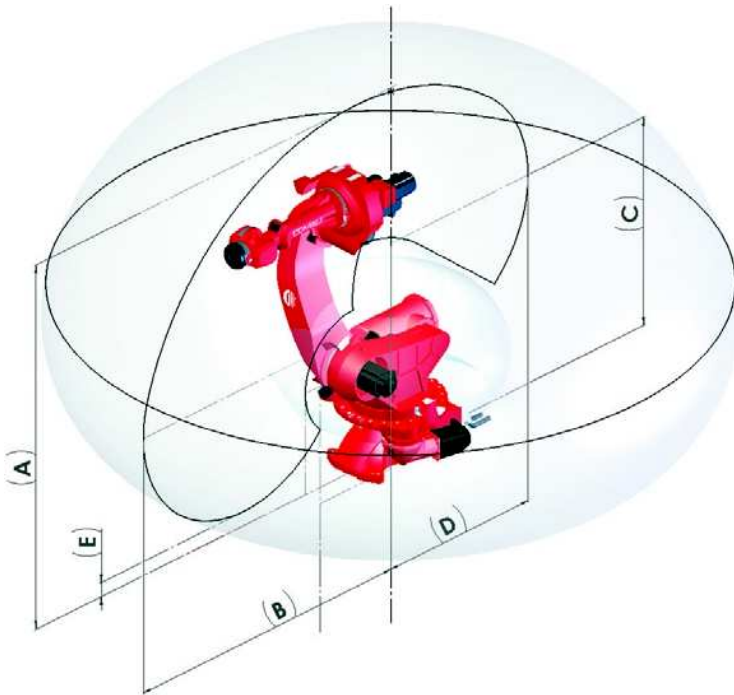
Smart NH₃



Payload up to
220 Kg ■

Maximum horizontal reach
3.443 mm ■

Repeatability
0,09 mm ■



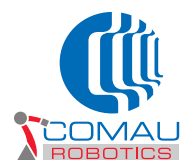
SHELF VERSION

- Assembly
- Cosmeting Sealing
- Dispensing
- Foundry
- Handling Packaging
- Laser Welding Cutting
- Measuring Testing
- Machine Tending
- Plasma Cutting Water Jet
- Polishing Deburring
- Press Brake Bending
- Press to Press
- Processing Machining
- Spot Welding
- Wood-Glass Machining

ROBOT APPLICATIONS

Model	NH3 220-2.7	NH3 165-3.0	NH3 210-3.1/SH - Shelf	NH3 160-3.4/SH - Shelf
Number of axes	6	6	6	6
Load at wrist (Kg)	220	165	210	160
Additional load on forearm (Kg)	50	50	50	50
Torque of axes (Nm)	4	1.325	1.236	981
	5	1.325	1.236	981
	6	785	785	736
Axes stroke (Speed)	1	+/- 180° (85°/s)	+/- 180° (85°/s)	+/- 180° (85°/s)
	2	+75°-60° (90°/s)	+75°-60° (90°/s)	+160°-30° (75°/s)
	3	+110°-170° (90°/s)	+110°-170° (90°/s)	+110°-170° (90°/s)
	4	+/- 2.700° (150°/s)	+/- 2.700° (150°/s)	+/- 2.700° (150°/s)
	5	+/- 125° (135°/s)	+/- 125° (135°/s)	+/- 125° (135°/s)
	6	+/- 2.700° (200°/s)	+/- 2.700° (200°/s)	+/- 2.700° (200°/s)
Repeatability ISO 9283 (mm)	0,09	0,09	0,15	0,15
Maximum horizontal reach (mm)	2.700	3.000	3.150	3.443
Installation position	Floor	Floor	Floor/Shelf	Floor/Shelf
Protection Class	IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist
Operating Areas (mm)	A	3.250	3.543	3.200
	B	2.707	3.000	3.150
	C	1.857	1.857	1.932
	D	1.503	1.796	925
	E	123	169	1.425
Foundry version	Available	Available	Available	Available

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