

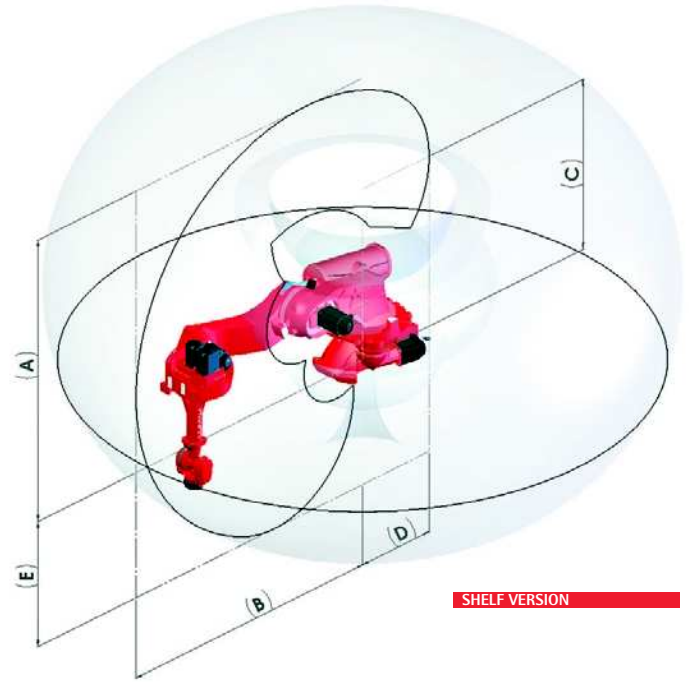
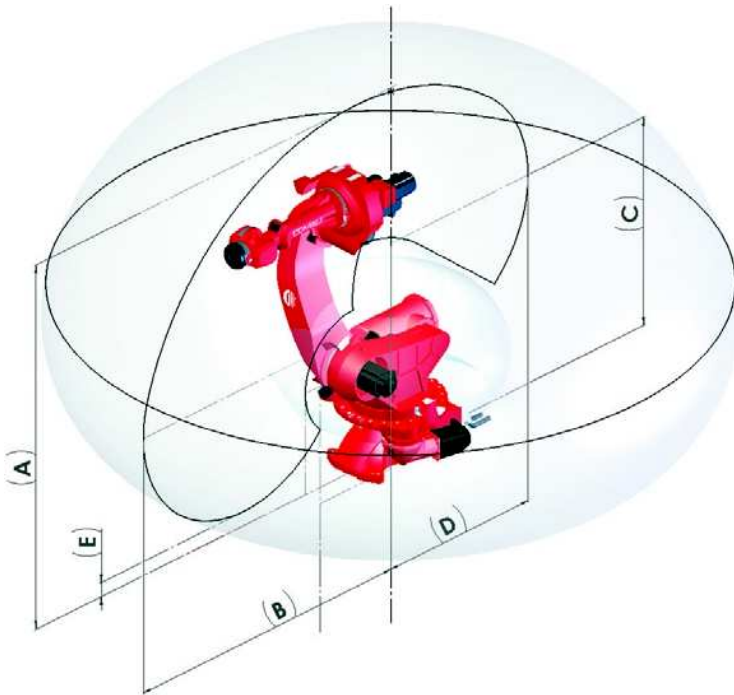
Smart NH3



Payload up to
220 Kg ■

Maximum horizontal reach
3.443 mm ■

Repeatability
0,09 mm ■



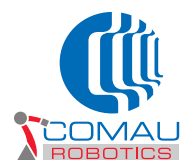
SHELF VERSION

- 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

Sales • +39 011 0045406 • sales.robotics@comau.com
 Service • +39 011 0045553 • service.robotics@comau.com
www.comau.com/robotics



The information contained in this brochure is supplied for information only. Comau S.p.A. reserves the right to alter specifications at any time without notice for technical or commercial reasons. The illustration does not necessarily show the products in their standard version. Design by amodo.it - ref.350.txo6 - Printed in Italy by Graf Art - ???? - Turin