

Smart NM

In-line



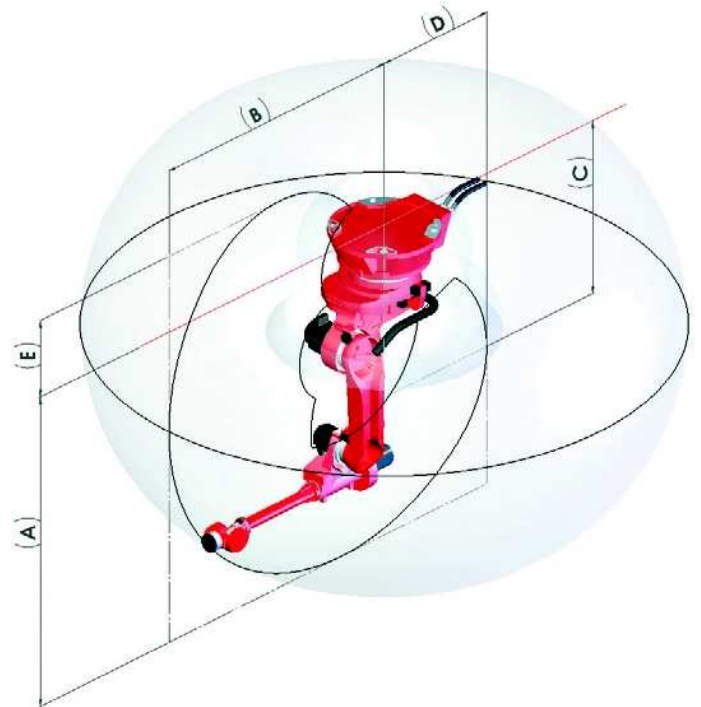
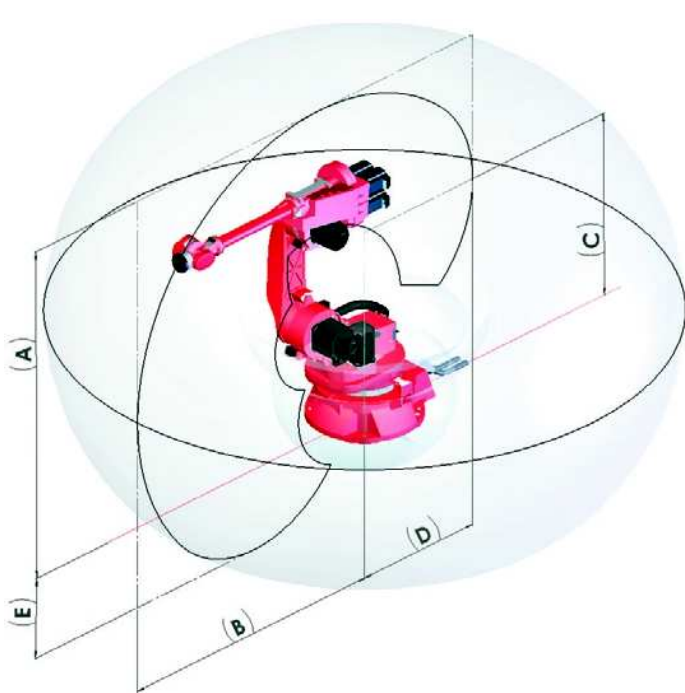
Payload up to
45 Kg ■

Maximum horizontal reach
3.100 mm ■

Repeatability
0,06 mm ■



In-line Wrist



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

ROBOT APPLICATIONS

Model	NM 45-2.0 In-line	NM 25-2.2 In-line	NM 16-3.1 In-line	
Number of axes	6	6	6	
Load at wrist (Kg)	45	25	16	
Additional load on forearm (Kg)	40	40	40	
	4	177	41	
Torque of axes (Nm)	5	177	41	
	6	118	23	
Axes stroke (Speed)	1	+/- 180° (160°/s)	+/- 180° (160°/s)	+/- 180° (120°/s)
	2	+130°-53° (150°/s)	+130°-53° (150°/s)	+130°-53° (100°/s)
	3	+110°-170° (160°/s)	+110°-170° (160°/s)	+110°-170° (100°/s)
	4	+/- 2.700° (250°/s)	+/- 2.700° (250°/s)	+/- 2.700° (300°/s)
	5	+/- 123° (250°/s)	+/- 123° (250°/s)	+/- 125° (250°/s)
	6	+/- 2.700° (340°/s)	+/- 2.700° (340°/s)	+/- 2.700° (340°/s)
Repeatability ISO 9283 (mm)	0,06	0,06	0,1	
Maximum horizontal reach (mm)	2.000	2.241	3.100	
Installation position (Titled 45° max)	Floor/Ceiling/Titled	Floor/Ceiling/Titled	Floor/Ceiling/Titled	
Protection Class	IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist	
Operating Areas (mm)	A	2.350	2.591	3.450
	B	2.000	2.241	3.100
	C	1.307	1.307	1.350
	D	952	1.193	2.068
	E	582	823	1.539
Foundry version	Available	Available	Available	

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

