

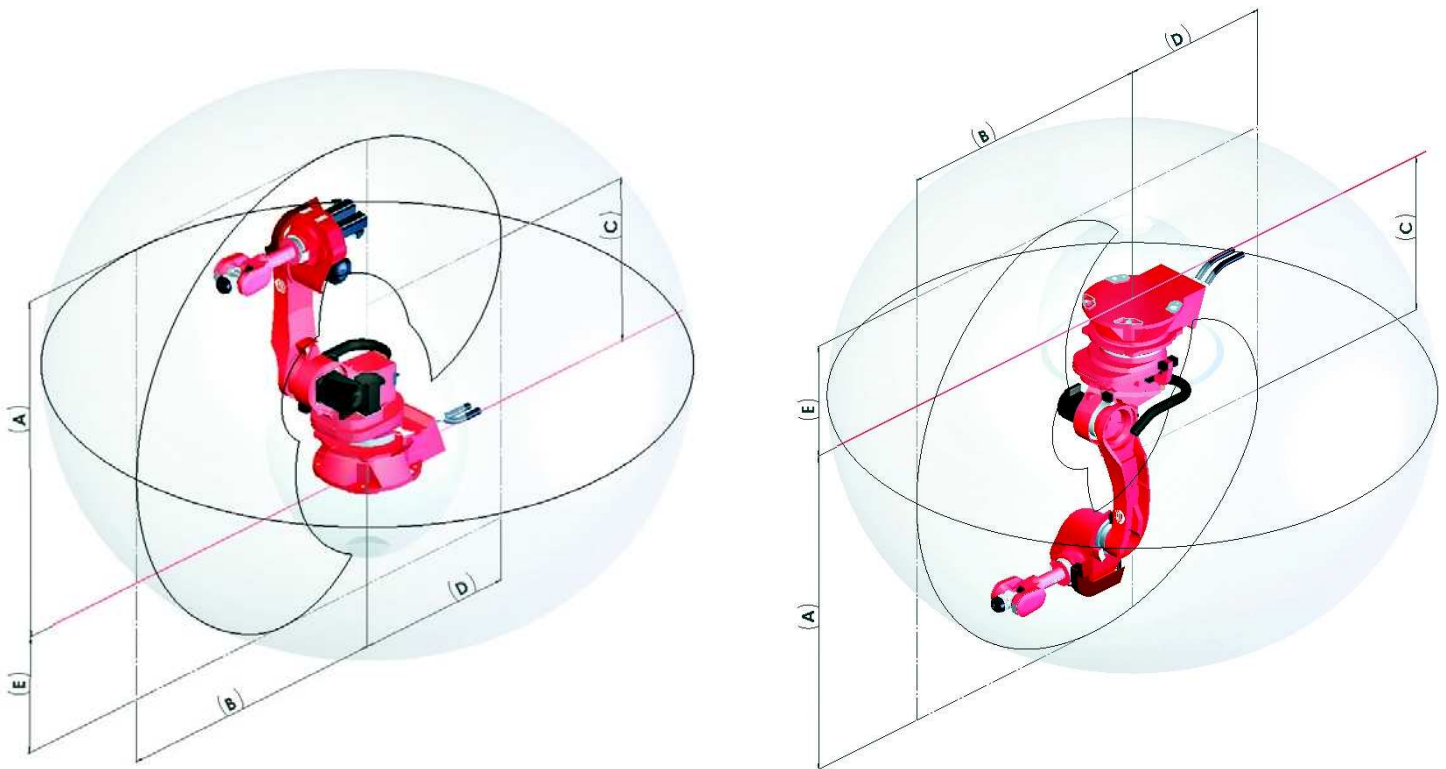
Smart NS



Payload up to
16 Kg ■

Maximum horizontal reach
1.850 mm ■

Repeatability
0,05 mm ■

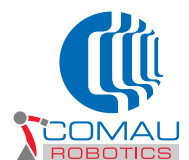


- Arc Welding
- Assembly
- Cosmeting Sealing
- Dispensing
- Foundry
- Handling Packaging
- Laser Welding Cutting
- Machine Tending
- Measuring Testing
- Plasma Cutting Water Jet
- Polishing Deburring
- Press Brake Bending
- Processing Machining
- Wood-Glass Machining

ROBOT APPLICATIONS

Model	NS 16-1.65 HAND	NS 16-1.65 ARC	NS 12-1.85 HAND	NS 12-1.85 ARC
Number of axes	6	6	6	6
Load at wrist (Kg)	16	16	12	12
Additional load on forearm (Kg)	10	10	10	10
Torque of axes (Nm)	41	41	39	39
	5	41	39	39
	6	23	20	20
Axes stroke (Speed)				
1	+/- 180° (155°/s)	+/- 180° (155°/s)	+/- 180° (155°/s)	+/- 180° (155°/s)
2	+155°-60° (155°/s)	+155°-60° (155°/s)	+155°-60° (155°/s)	+155°-60° (155°/s)
3	+110°-170° (170°/s)	+110°-170° (170°/s)	+110°-170° (170°/s)	+110°-170° (170°/s)
4	+/- 2.700° (360°/s)	+/- 2.700° (360°/s)	+/- 2.700° (360°/s)	+/- 2.700° (360°/s)
5	+/- 125° (350°/s)	+/- 125° (350°/s)	+/- 125° (350°/s)	+/- 125° (350°/s)
6	+/- 2.700° (550°/s)	+/- 2.700° (550°/s)	+/- 2.700° (550°/s)	+/- 2.700° (550°/s)
Repeatability ISO 9283 (mm)	0,05	0,05	0,05	0,05
Maximum horizontal reach (mm)	1.650	1.650	1.850	1.850
Installation position (Tilted 45° max)	Floor/Ceiling/Tilted	Floor/Ceiling/Tilted	Floor/Ceiling/Tilted	Floor/Ceiling/Tilted
Protection Class	IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist	IP65/IP67 wrist
Operating Areas (mm)				
A	1.951	1.951	2.150	2.150
B	1.651	1.651	1.850	1.850
C	950	950	950	950
D	957	957	1.157	1.157
E	685	685	885	885
Foundry version	Available	Not Available	Available	Not Available

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