

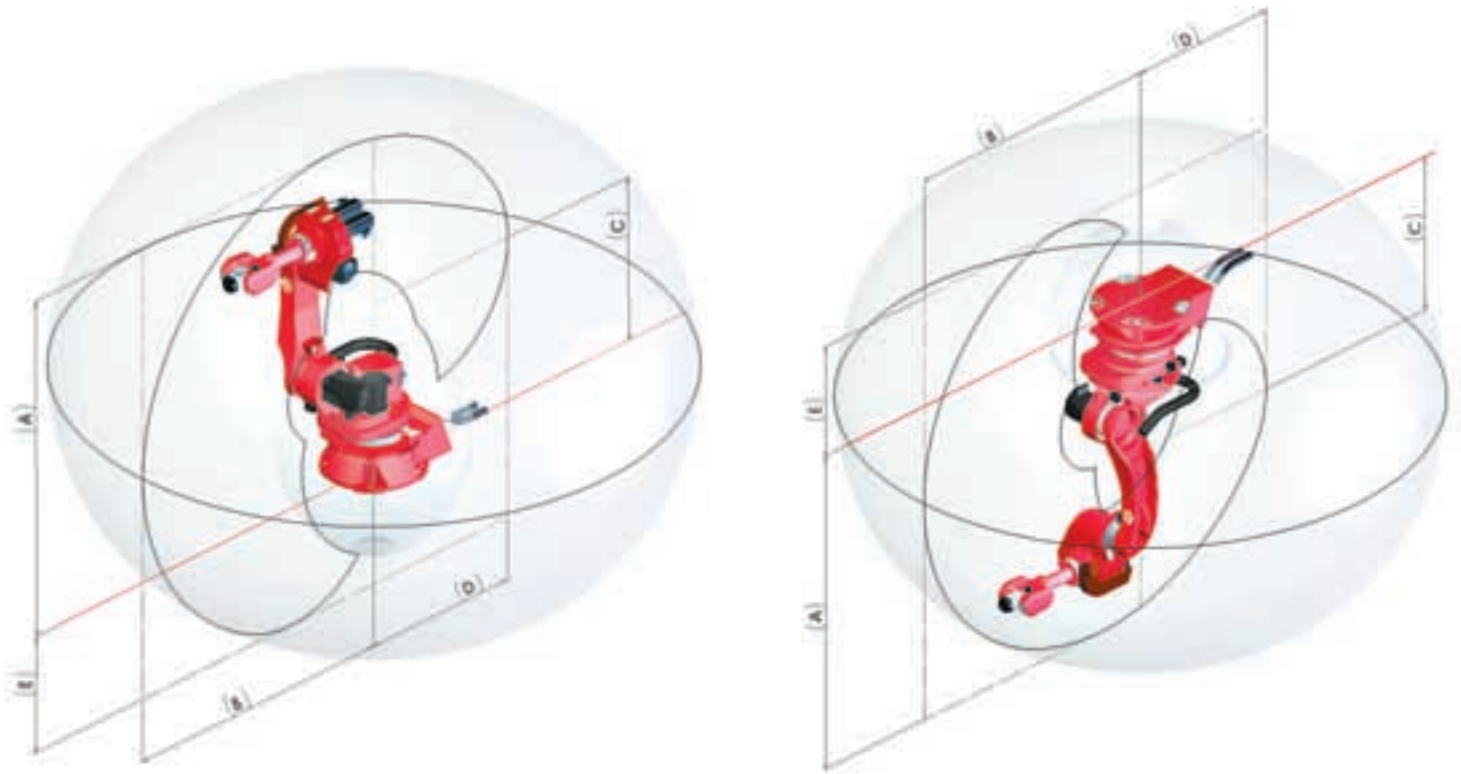
# Smart NS



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	NS 16-1.65 ARC	NS 12-1.85	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)	4 41	41 41	39 39	39 39
	5 6	41 23	39 20	39 20
Axes stroke (Speed)	1 2 3 4 5 6	+/- 180° (155°/s) +155°-60° (155°/s) +110°-170° (170°/s) +/- 2.700° (360°/s) +/- 125° (350°/s) +/- 2.700° (550°/s)	+/- 180° (155°/s) +155°-60° (155°/s) +110°-170° (170°/s) +/- 2.700° (360°/s) +/- 125° (350°/s) +/- 2.700° (550°/s)	+/- 180° (155°/s) +155°-60° (155°/s) +110°-170° (170°/s) +/- 2.700° (360°/s) +/- 125° (350°/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 B C D E	1.951 1.651 950 957 685	1.951 1.651 950 957 885	2.150 1.850 950 1.157 885
Foundry version	Available	Available	Available	Available

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