

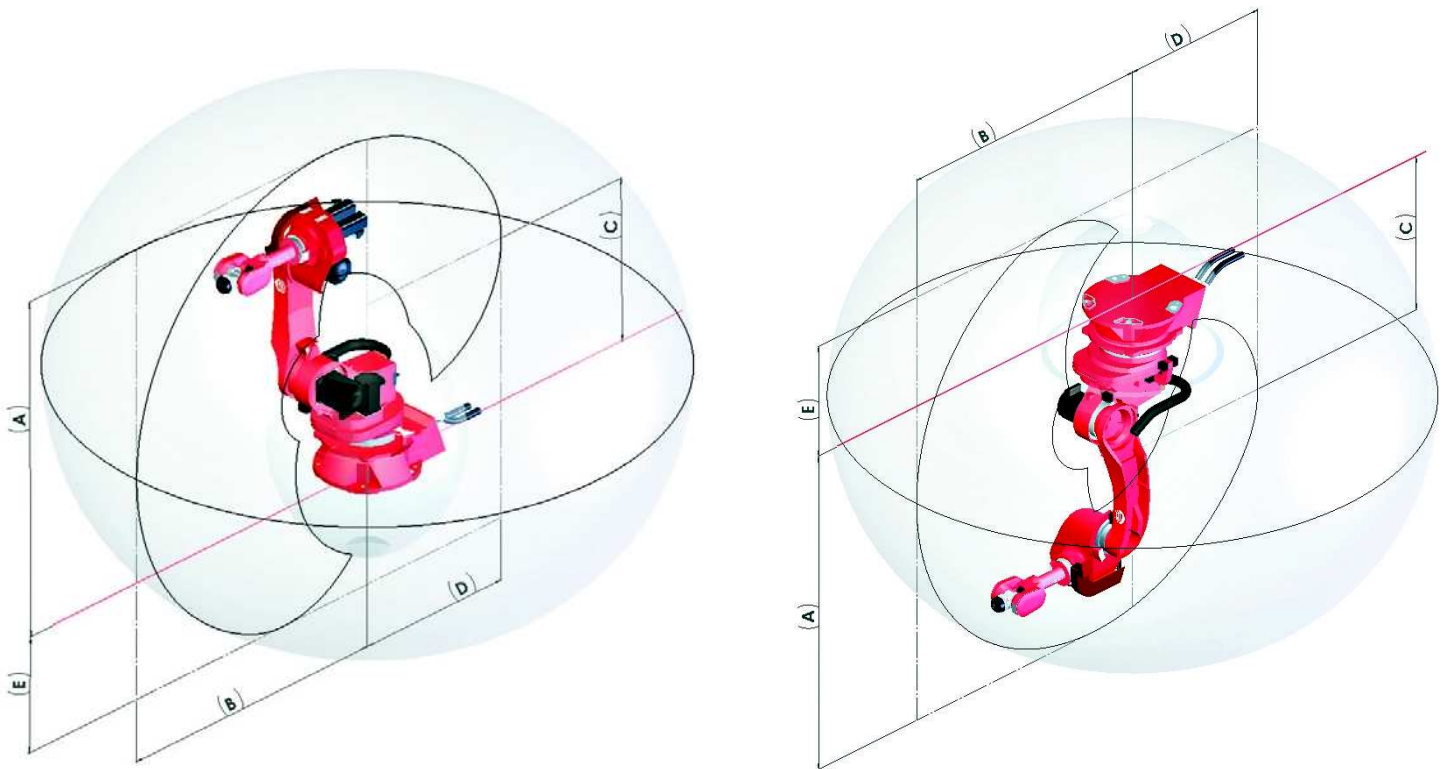
Smart NS



Payload up to
16 Kg ■

Maximum horizontal reach
1.850 mm ■

Repeatability
0,05 mm ■

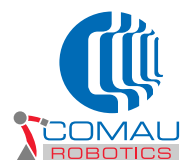


- Arc Welding
- Assembly
- Cosmeting Sealing
- Dispensing
- Foundry
- Handling Packaging
- Laser Welding Cutting
- Machine Tending
- Measuring Testing
- Plasma Cutting Water Jet
- Polishing Deburring
- Press Brake Bending
- Processing Machining
- Wood-Glass Machining

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) |
| | 2 | +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) |
| | 4 | +/- 2.700° (360°/s) | +/- 2.700° (360°/s) | +/- 2.700° (360°/s) |
| | 5 | +/- 125° (350°/s) | +/- 125° (350°/s) | +/- 125° (350°/s) |
| | 6 | +/- 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 | 2.150 | 2.150 |
| | B | 1.651 | 1.850 | 1.850 |
| | C | 950 | 950 | 950 |
| | D | 957 | 1.157 | 1.157 |
| | E | 685 | 885 | 885 |
| Foundry version | Available | Not Available | Available | Not Available |

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



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