



## What do we Offer?

This Welding Robots series excels in reaching confined workspaces from multiple angles with smooth motion profile. This robot provides the ideal combination of speed, rigidity, size and precision. The Welding robot has a payload of up to 10 kg, a maximum reach of 1440 mm and body weight of 172 kg. Leveraging proven robotics technology, our robots use the same advanced controls, software, and motion technologies as our leading industrial articulated robots.

### Applications

Special Welding (Gas shield Hydrogen arc, Laser, Group, Stainless steel and carbon)

### Software Features

- Intuitive Graphical Interface: Significantly reduces programming time.
- Open Architecture: Provides flexibility for maximum productivity with minimal programming overhead.
- Integrated Options: Features like visualization of robot motion with scaling option, and motion instruction builder simplify development and reduce overall time.

### Specifications

Model	NEUROBOT - 10Z
Number of Axes	6
Radius of Motion	1440 mm
Maximum Payload	10 kg
Protection Level	J1, J2 Axis - IP56 and J3, J4, J5, J6 - IP67
Installation Method	Floor Type/Bracket Type/Hanging Type
Power Capacity	4.5 KVA
Input/Output signal	Standard 16A/16 Output 24VDC
Robot Weight	172 kg
True Positioning Accuracy	± 0.05
Maximum Motion Range [*]	
Joint - 1	± 160°
Joint - 2	+80° to -145°
Joint - 3	+145° to -75°
Joint - 4	± 190°
Joint - 5	+80° to -145°
Joint - 6	± 360°

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Maximum Speed [* /sec.]	
Joint - 1	199.5° /s
Joint - 2	159.3° /s
Joint - 3	199.5° /s
Joint - 4	392° /s
Joint - 5	272° /s
Joint - 6	520° /s
Allowable Moment [N-m]	
Joint - 4	103.5
Joint - 5	51.84
Joint - 6	32.64