

Welding Rotary Positioner

This welding positioner is available in single and dual-axis configurations. It ensures accurate rotation of welding workpieces to optimal positions, improving welding quality and production efficiency.



Overview



Dual-axis Welding Table
HBS150-1



Single-axis Welding Table
HBD250-1

Comparison of the dual-axis (HBS150-1) and single-axis (HBD250-1) welding table configurations.

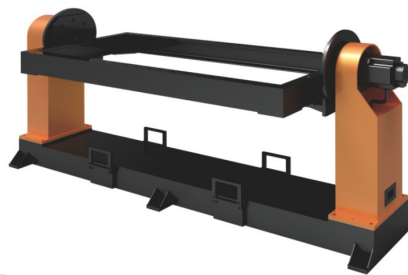
Precision Welding Positioning System

This welding rotary positioner is engineered for precise workpiece manipulation, offering both single and dual-axis configurations to achieve optimal welding angles. By utilizing high-performance servo motors and reducers, the system eliminates the need for difficult vertical or overhead welding positions, directly enhancing weld quality and production efficiency. The unit integrates seamlessly with robotic control systems to automate welding parameter regulation, arc striking verification, and workpiece rotation.

Available Models

HBS150-1 (Dual-axis), HBD250-1 (Single-axis)

Performance Metrics



Heavy-duty frame construction with integrated control interface for precise adjustments.

Key Performance Indicators

1000 kg

Max Rated Loading

15 R/Min

Rated Revolving Rate

0.1 mm

Repeatability

Technical Specifications



Dual-axis Welding Table
HBS150-1

Dual-axis welding table designed for precise rotation and tilting operations.



Single-axis Welding Table
HBD250-1

Single-axis welding table focused on controlled rotation for efficient welding.

Model Comparison

Specification	HBS150-1	HBD250-1
Rated Loading (kg)	500	1000
Rated Torque (N-M)	700	1000
Max Loading (kg)	200	300
Repeatability (mm)	±0.1	±0.1
Revolving Axis Motion Range	±370°	±370°

Driving Method

AC Servo Drive

Physical Dimensions

Equipment Dimensions

Dimension Type	HBS150-1 (mm)	HBD250-1 (mm)
Deflection Frame	2000 x 800 x 130	2500 x 800 x 130
Appearance	2750 x 520 x 1100	3250 x 550 x 1100
Spindle Disk	Æ400	Æ400