

# Single/Dual-Axis Welding Positioner

This single or dual-axis positioner ensures welding joints rotate to the best position. It avoids vertical and over-head position welding, improving welding quality and production efficiency.



## Overview



A robust and precise piece of machinery designed to enhance welding efficiency and accuracy in industrial environments.

## Precision Welding Positioning

This single and dual-axis welding positioner is designed to optimize welding workflows by rotating workpieces to the ideal angle, eliminating the need for vertical or overhead welding. By integrating seamlessly with robotic control systems, it automatically manages welding parameters such as voltage and current while verifying arc striking success. This precision-engineered unit enhances both weld quality and production efficiency, making it an essential tool for automated manufacturing lines.

## Key Features

### Operational Capabilities

AC Servo Drive, Automated Load/Unload, Robotic Integration, Variable Speed Control, Precision Positioning

## Technical Specifications



Dual-axis Welding Table  
HBS150-1

Dual-axis welding table featuring a rotating table and tilting mechanism for optimal weld access.



Single-axis Welding Table  
HBD250-1

Single-axis welding table designed for precise positioning during welding operations.

### Model Comparison

Feature	HBS150-1	HBD250-1
Rated Loading (kg)	500	1000
Rated Torque (N-m)	700	1000
Max Loading (kg)	200	300
Repeated Positioning Accuracy (mm)	±0.15	±0.10

### Performance Metrics

**15 R/Min**

Rated Revolving Rate

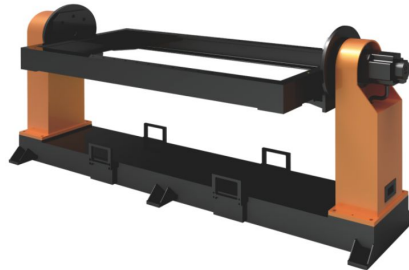
**700 mm**

Standard Revolving Radius

**360 °**

Max Revolving Angle

## Dimensions and Construction



Heavy-duty steel construction providing exceptional stability and 360-degree workpiece manipulation.

### Physical Dimensions

- Spindle Revolving Disk Diameter: ~~Æ400~~mm
- Revolving Shaft Center Height: 900mm
- HBS150-1 Appearance Dimensions: 2750 x 520 x 1100mm
- HBD250-1 Appearance Dimensions: 3250 x 550 x 1100mm