

# Air Bearing Rotary Stage

Air bearing rotary stages employ a thin layer of air to provide a frictionless interface, facilitating smooth and precise rotational movement. These turntables are engineered for applications demanding exceptional accuracy, stability, and minimal vibration.



## Overview

### Precision Air Bearing Rotary Stage

These air bearing rotary stages utilize a thin layer of air to provide a frictionless interface, enabling smooth and precise rotational movement. Designed for applications requiring high accuracy, stability, and minimal vibration, they are ideal for precision manufacturing, metrology, and scientific research. By ensuring even load distribution and eliminating stick-slip effects, these units offer exceptional performance and long-term reliability for moving heavy loads.

## Technical Specifications

### Available Load Capacities

- 10T
- 16T
- 20T
- 32T
- 48T
- 60T

### Customization

Yes

## Performance Features

### Key Advantages

Frictionless Interface • High Accuracy • Minimal Vibration • Even Load Distribution • Cost-Effective

### Expected Lifespan

10 years

## Applications

### Suitable Applications

Precision Manufacturing, Metrology, Scientific Research, Armamentarium, Printing Equipment, Electronic Sets