

# Air Bearing Casters for Smooth Load Movement

Air bearing casters utilize a thin film of air to float heavy loads, enabling smooth and omnidirectional movement. These casters are designed for applications where precision and minimal vibration are critical, requiring a smooth, non-porous, and clean floor surface.



## ADDITIONAL IMAGES



## Overview

### Industrial Air Bearing Systems

These air bearing casters utilize a thin film of compressed air to float heavy loads, enabling near-frictionless and omnidirectional movement across industrial floors. Designed for precision and minimal vibration, these systems are ideal for manufacturing facilities, assembly lines, and cleanroom environments. By distributing weight evenly through multiple modular units, they provide a versatile and affordable solution for moving heavy equipment with complex shapes and varying weights.

## Technical Specifications

### Available Configurations

- 4-Module System
- 6-Module System

### Movement Capability

Omnidirectional

### Diaphragm Material

Complete Urethane

## Operational Requirements

### Included Components

- Air bearing modules
- Air supply hoses
- Central control unit

### Surface Requirements

Smooth, Non-porous, Clean, Level