

# Air Bearing Casters for Heavy Load Movement

These air bearing casters utilize compressed air to create a thin layer of air, which eliminates friction for smooth movement of heavy loads. Designed for use on smooth, non-porous surfaces, the casters are ideal for manufacturing, warehousing, and other industrial applications.



## ADDITIONAL IMAGES



## Overview

### Precision Heavy Load Handling

Air bearing casters provide a sophisticated solution for moving heavy objects with complete freedom of movement and millimeter-level positioning precision. By utilizing compressed air to create a near-frictionless layer between the load and the floor, these casters minimize floor pressure and prevent marking. This system is designed for safe, economical, and effortless maneuverability in demanding industrial environments.

## Performance & Features

<b>Movement Capability</b>	Omnidirectional, Near-frictionless, High Precision
<b>Floor Protection</b>	Yes

## Technical Specifications

### System Components

- Air bearing modules
- Air hoses
- Control panel with pressure gauges
- Control valves
- Connection fittings

### Construction

- Robust metal frame
- Flexible air bladder

## Operational Details

### Common Applications

Manufacturing • Warehousing • Assembly Lines

### Suitable Surfaces

Smooth concrete, Epoxy flooring, Non-porous surfaces