

# Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize compressed air to create a thin film, allowing for nearly frictionless movement of heavy loads. They facilitate omnidirectional and precise positioning, ideal for sensitive equipment in manufacturing and cleanroom environments.



## ADDITIONAL IMAGES



## Overview

### Advanced Air Bearing Technology

These air bearing casters utilize compressed air to create a thin, frictionless film between the load and the floor, enabling smooth and precise movement of heavy machinery. Designed for industrial environments, the system features a low-profile design that minimizes height requirements while protecting floor surfaces from damage. By distributing weight evenly, these casters enhance productivity and safety, making them an ideal solution for manufacturing, warehousing, and cleanroom applications.

## Technical Specifications

### Performance Highlights

**50 mm**

Profile Height

**1 Near-Zero**

Friction Level

Module Profile Height

50 mm

Compatible Floor Types

Cement, Polyurethane, Industrial Floors

## System Features

### Key Operational Benefits

- Low-profile design for easy integration
- Floor protection (prevents damage)
- Omnidirectional movement capability
- Even load distribution
- Precise positioning for sensitive equipment