

# Air Bearing Casters for Heavy Load Movement

Air bearing casters use compressed air to create a thin layer of air between the load and the floor, allowing for nearly frictionless movement. These systems are used for moving heavy loads in industrial environments where traditional wheels or casters are impractical.



## ADDITIONAL IMAGES



## Product Overview

### Heavy Load Air Bearing Casters

These air bearing casters provide a low-profile, frictionless solution for moving heavy loads in industrial environments. By creating a thin layer of compressed air between the load and the floor, they ensure smooth, omnidirectional movement while protecting floor surfaces from damage. Designed for versatility, they are compatible with cement, polyurethane, and other standard industrial flooring types, significantly increasing productivity and safety.

## Technical Specifications

Module Height	50 mm
Compatible Floor Types	Cement, Polyurethane

## System Components

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- Air casters (pneumatic lifting devices)
- Control panel with pressure gauges
- High-pressure air supply hoses
- Quick-connect fittings

## Key Advantages

### Operational Benefits

Floor Protection • Frictionless Movement • Low Profile • Omnidirectional • Enhanced Safety

## Applications

### Common Industries

- Manufacturing
- Aerospace
- Cleanroom environments
- Heavy machinery transport