

# Air Bearing Casters for Heavy Load Movement

Air bearing casters facilitate the movement of heavy loads by using compressed air to create a near frictionless layer. This allows for smooth, omnidirectional movement and precise positioning of equipment.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Air Bearing Casters

These air bearing casters, also known as air cushions or air skates, provide a friction-free solution for moving heavy loads. By utilizing pneumatic technology, they create a thin layer of air beneath the load, allowing for smooth and precise omnidirectional movement. Designed for durability and safety, these low-profile modules protect floor surfaces from damage and eliminate the need for expensive structural reinforcement.

## Technical Specifications

### System Components

- Air bearing modules
- Control unit
- Air supply hoses

Module Height	50 mm
Movement Direction	Omnidirectional (Horizontal)
Compatible Floor Types	Cement, Polyurethane, Industrial Floors

## Key Performance Metrics

### Key Benefits

Floor Protection • Low Profile • Precision Positioning • High Load Capacity

Friction Profile	Near-frictionless
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