

# Pneumatic Air Bearing Casters for Heavy Load Movement

Air bearing casters use compressed air to create a thin air film, allowing near-frictionless movement of heavy objects. They are designed for precise positioning and controlled maneuvering of heavy loads in industrial settings.



## ADDITIONAL IMAGES



## Product Overview

### Friction-Free Heavy Load Handling

These pneumatic air bearing casters offer a professional solution for moving heavy-duty equipment with near-frictionless transport. By utilizing a thin film of air, the system allows for precise, omnidirectional positioning in tight spaces where traditional cranes cannot reach. Designed for safety and efficiency, this system prevents floor damage and point-load stress, making it an ideal choice for sensitive machinery and industrial environments.

## Key Features

### Operational Advantages

- Near-frictionless movement
- Omnidirectional horizontal positioning
- Non-marking floor contact
- Eliminates point-load stress on floors
- Compact and portable design
- Can be operated by a single person

### Performance Highlights

**20 years**

Years of Professional Development

## Technical Specifications

### Usage Compatibility

Feature	Description
Floor Protection	Non-marking, no floor damage
Maneuverability	High-precision, tight spaces
Load Type	Heavy-duty industrial objects

### System Components

Air bearing pads, Central control unit, Pressure regulators, Pressure gauges, Hoses and fittings, Carrying bag