

# Modular Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize compressed air to create a thin film, enabling near-frictionless movement of heavy loads. Their modular design allows for customized configurations to accommodate various load sizes and shapes.



## Overview

### Advanced Air Bearing Technology

These modular air bearing casters utilize compressed air to create a thin film between the caster and the floor, enabling near-frictionless movement of heavy loads. Designed for clean-room environments, the system prevents floor damage and pollution while ensuring smooth, vibration-free transport of sensitive or heavy equipment. The modular design allows for easy customization and scalability, making it an efficient solution for manufacturing and logistics operations.

## Technical Specifications

### Load Capacity Rating

**60 T**  
Max Load Capacity

### Key Features

Clean-room compatible, Floor protection, Low vibration, Modular design, Compressed air powered

## System Components

### Included Components

- Air bearing pads
- Pneumatic hoses
- Control box
- Pressure gauges
- Control valves

## Operational Details

### Suitable Floor Types

Epoxy Floors • Smooth Industrial Floors

### Operational Benefits

Feature	Benefit
Air Bearing Mechanism	Near-frictionless movement
Flexible Diaphragm	Even weight distribution
Compressed Air Power	Reduced physical effort