

# Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize compressed air to facilitate the movement of heavy loads with minimal effort. This system protects floors during the relocation of equipment.



## Overview

### Advanced Air Bearing Technology

These air bearing casters utilize compressed air as a power source to move heavy-duty equipment with minimal effort. Designed for industrial environments, this system creates a thin layer of air between the load and the floor, ensuring smooth, omnidirectional movement for loads of any shape. It is an ideal solution for cleanroom applications, as it prevents floor damage and eliminates the pollution associated with traditional mechanical transport methods.

## Key Features

### Operational Benefits

- Compressed air power source
- Cleanroom compatible
- Zero floor damage
- Pollution-free operation
- Omnidirectional movement for any load shape

### Application Suitability

Cleanroom, Heavy Duty, Industrial, Precision Handling

## Technical Details

### System Components

Component	Function
Air Bearing Modules	Creates air film for load support
Control Unit	Regulates airflow and air pressure
Hose System	Transports compressed air to modules