

# Air Bearing Casters

Air bearing casters utilize compressed air to lift and move heavy loads. The thin layer of air reduces friction, allowing for easy movement in manufacturing and warehousing.



## ADDITIONAL IMAGES



## Product Overview

### High-Efficiency Air Bearing Casters

These modular air casters are designed for heavy-duty industrial load moving, capable of handling weights ranging from a few hundred pounds up to over 150 tons. By utilizing a tough, wear-resistant urethane diaphragm, they create a thin air film that minimizes friction and allows for effortless movement across smooth surfaces. The modular design offers flexibility, allowing users to configure systems with four or six units depending on specific load requirements.

## Performance & Capacity

### System Performance

**20 T**

Skate Capacity

### Load Capacity

Few hundred lbs to >150 tons

## Technical Specifications

### Modular Configuration

- 4-module system
- 6-module system

### Safety Constraints

Minimum of 3 air modular units must be used during operation

### Diaphragm Material

Wear-resistant urethane

## Benefits

### Operational Advantages

Low Air Consumption • Enhanced Floor Protection • Extended Wear Life • Reduced Maintenance Costs