

# Pneumatic Air Casters for Heavy Load Movement

Pneumatic air casters utilize compressed air to create a thin air layer between the load and the floor, enabling near-frictionless movement. These casters are used in industries like manufacturing and warehousing for easy and precise movement of heavy items.



## Product Overview

### Precision Heavy Load Movement

Pneumatic air casters are specialized lifting devices designed for the smooth, near-frictionless transport of heavy or disproportionately shaped loads. By creating a thin cushion of air between the load and the floor, these systems allow for precise positioning while minimizing floor loading to prevent surface damage. Originally developed for demanding theater applications, they are now an essential solution for industrial manufacturing and warehousing environments.

## Technical Specifications

### Typical Applications

- Theater stage sets
- Theater seating movement
- Industrial heavy equipment transport
- Warehousing load handling

### Surface Compatibility

Concrete • Asphalt • Tile

### Available Load Capacities

32 Tons, 48 Tons, Customizable

## Performance Metrics

### Movement Characteristics

**1 Near-zero**

Friction Level