

# Air Bearing Casters

Air bearing casters use compressed air to move heavy equipment with ease and flexibility. The air-powered system protects floors and equipment while ensuring steady movement.



## ADDITIONAL IMAGES



## Overview

### Air Bearing Rigging Systems

These air bearing casters, also known as air skates or air film transporters, utilize compressed air to create a thin, near-frictionless layer between the equipment and the floor. This technology allows for the effortless movement of heavy-duty loads, protecting both your flooring and sensitive equipment during relocation. Designed for longevity and minimal maintenance, these systems offer a highly maneuverable and labor-saving solution for moving loads exceeding 50 tons.

## Performance Metrics

### Load Capacity

**50 tons**

Max Load Capacity

**110000 lbs**

Max Load Capacity

### Expected Service Life

10+ years

## Features

### Key Advantages

Labor-saving, Floor protection, Equipment protection, Near-frictionless movement, Low maintenance

### Power Source

Compressed Air

## Technical Details

### System Components

- Air bearings (skates)
- Air control console
- Air hoses

### Ideal Applications

Cleanroom environments • Semiconductor manufacturing • Aerospace • Medical equipment production • Heavy machinery relocation