

# Air Casters for Heavy Load Movement

Air casters are powered by compressed air, offering a cost-effective and low-friction solution. They facilitate omnidirectional movement of heavy loads with precise positioning.



## Product Overview

### Precision Load Movement System

Air casters utilize a thin film of compressed air to float heavy loads, enabling omnidirectional movement with minimal friction and effort. These systems are designed for the safe transport of sensitive, high-precision machinery and heavy equipment in environments like aerospace, manufacturing, and cleanrooms. By distributing weight evenly, they protect floor surfaces and allow for precise positioning that traditional wheels cannot achieve.

## Technical Specifications

### Safety Characteristics

Spark-Free Operation • Friction-Free Movement • Floor Protection

Power Source	Compressed Air
Suitable Surfaces	Smooth Floors, Indoor, Outdoor (if smooth)
Typical Configuration	Sets of four or six air skates

## Usage Guidelines

### Operational Restrictions

- Not suitable for bumpy surfaces
- Not suitable for porous floors

## Performance Metrics

### Key Performance Metrics

**20 Years**

Industry Experience

**70 Countries**

Global Export Reach