

# Air Casters for Heavy Load Movement

Air casters, also known as air bearings or air skates, facilitate movement using a thin layer of air. They are designed to move heavy loads, reducing friction and enabling easy maneuverability.



## Overview

### Precision Heavy Load Movement

These air casters provide a sophisticated solution for handling heavy equipment by utilizing a frictionless air film system. Designed to protect both sensitive machinery from vibration and flooring surfaces from damage, they offer a compact and efficient alternative to traditional rollers. The system operates using compressed air, providing a cost-effective method for maneuvering heavy loads with ease.

## Technical Specifications

### Included Components

- Air casters (4-unit set)
- Air pressure manifold
- Pressure regulators
- High-pressure air hoses

### Operating Principle

Compressed air film cushion

### Suitable Applications

Heavy Equipment, Clean Room Machinery, Precision Instruments, Industrial Rigging

## Benefits

### Key Advantages

Floor Protection • Vibration Reduction • Frictionless Movement • Compact Design • Cost-Effective Operation

### Common Industry Terms

- Air bearings
- Air film transporters
- Air skates
- Heavy duty air transporters