

# Air Caster Load Moving System

Air caster systems move heavy loads with ease and precision. They use compressed air to create a thin film of air between the load and the floor, allowing near-frictionless movement.



## Overview

### Precision Load Moving System

This air caster load moving system utilizes advanced air-bearing technology to reduce friction, allowing for the smooth transport of heavy objects without the need for traditional wheels. Designed for precision and ease of use, it protects flooring surfaces from wear and tear while providing near-frictionless maneuverability. It is an ideal solution for industries requiring the safe handling of sensitive instruments and heavy machinery.

## Key Features

### Operational Benefits

- Friction-reducing air-bearing technology
- Floor-friendly design (no wheels)
- Omnidirectional movement capability
- Precision control for sensitive equipment
- Integrated pressure control via barometer

### Design Highlights

Lightweight • Convenient Storage • Floor Protection • Precision Handling

## Technical Specifications

### System Components

Component	Function
Air Bearings	Creates air film for lift
Barometer	Controls pressure strength
Hoses & Control Panels	System regulation and air supply