

Air Caster Load Moving System

Air caster systems utilize compressed air to create a thin film, eliminating friction for effortless movement of heavy loads. These systems are ideal for applications requiring precise positioning in tight spaces, reducing the risk of damage.



ADDITIONAL IMAGES



Product Overview

Versatile Air Film Transport

The Air Caster Load Moving System provides a superior, low-friction solution for moving heavy machinery and equipment of any size, shape, or weight. By utilizing compressed air to create a thin film between the load and the floor, these systems allow for effortless, omnidirectional movement in industrial environments. This technology eliminates floor surface damage and removes the need for specially reinforced flooring, requiring only a flat, level concrete surface for operation.

Technical Specifications

System Components

- Air casters (load-bearing units)
- Control panel with pressure gauges
- Air distribution hoses
- Main air supply line

Operational Requirements

Flat floor, Level surface, Concrete floor, Dry surface

Operational Benefits

Why Choose Air Casters

- Omnidirectional movement capability
- Eliminates floor surface damage
- No need for reinforced floors
- Precise positioning in tight spaces
- Reduces friction for heavy loads

Common Applications

Machinery Moving • Equipment Installation • Heavy Load Rigging • Logistical Operations