

Air Caster Moving System

Air caster systems are designed for moving heavy loads and equipment, providing omnidirectional movement. These systems use compressed air to create a thin film between the load and the floor, allowing near-frictionless movement.



Overview

Precision Heavy Load Handling

The Air Caster Moving System provides a near-frictionless method for transporting heavy-duty equipment and loads where traditional cranes cannot gain access. By utilizing compressed air to create a thin film between the load and the floor, this system allows for omnidirectional, flexible, and safe movement. Designed for durability and longevity, these systems are lightweight yet robust enough to handle demanding industrial environments.

Operational Details

Suitable Environments

Cleanroom • Industrial • Restricted Access Areas

Power Source

Compressed Air

Movement Characteristics

Omnidirectional, Near-frictionless, Flexible, Low Vibration

System Components

Included System Components

- Air casters
- Air hoses
- Control unit
- Air compressor

Design Features

- Durable construction
- Lightweight design
- Variety of shapes and sizes available
- Wide range of load capacities