

# Cleanroom Air Caster Load Moving System

Cleanroom air casters are heavy-duty transporters designed for moving heavy loads. These air movers use compressed air to lift and handle equipment, providing spark-free operation for use in hazardous areas.



## ADDITIONAL IMAGES



## Overview

### Advanced Fluid Film Technology

This heavy-duty air caster system utilizes advanced fluid film technology to lift and move loads of any size, shape, or weight with ease. Designed specifically for cleanroom environments, the system ensures near-frictionless movement, making it ideal for relocating sensitive equipment in manufacturing, pharmaceutical, and semiconductor facilities. The omnidirectional design allows for precise positioning without the need for additional force.

## Technical Specifications

### Movement Characteristics

Omnidirectional • Near-frictionless • Vibration-free

### Power Source

Compressed Air

### Safety Features

Spark-free operation, Hazardous area compliant

## System Components

### Included Components

- Air bearing pads (circular and rectangular)
- Central control unit
- Pneumatic control valves
- Flexible air supply hoses