

# Air Casters for Load Moving

Air casters are load moving devices that use a thin layer of air to float heavy loads. This creates a nearly frictionless air film, allowing movement in any direction with ease.



## Product Overview

### Advanced Load Moving Technology

Air casters represent an advanced mechanical solution for moving heavy loads without the use of traditional wheels. By utilizing a thin layer of compressed air, these systems lift weights off the ground, creating a nearly frictionless film that allows for omnidirectional movement. This technology is ideal for industrial, manufacturing, and warehouse environments where precise maneuvering of heavy machinery is required.

## Technical Specifications

Movement Mechanism	Air pressure-based film (Air bearing)
Wheel Type	Wheel-less design
Key Features	Omnidirectional movement, Frictionless operation, Heavy-duty capacity, Flexible configuration

## Applications

### Typical Applications

- Heavy machinery relocation
- Industrial material handling
- Warehouse equipment positioning
- Nuclear transport

## Operational Requirements

Power Source	Compressed air
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