

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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