

Air Bearing Casters

Air bearing casters, also known as air caster rigging systems or air skates, utilize a thin film of air to enable near-frictionless movement of heavy loads. These casters distribute weight evenly, reducing stress on floors and enabling precise positioning.



Product Overview

Precision Load Handling

Air bearing casters, also known as air skates or air film transporters, provide a proven method for moving oversized or uneven machinery with ease. By utilizing a thin film of compressed air between the floor and the load, these systems create a near-frictionless environment. This allows for omnidirectional movement, enabling precise positioning of heavy equipment without the need for additional force.

Technical Specifications

Module Height	5 CM
Power Source	Compressed Air
Movement Capabilities	Omnidirectional, Low Friction, Even Load Distribution

Performance Metrics

Standard Configuration

4 units Minimum Modules	6 units Maximum Modules
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Applications

Recommended Applications

- Moving oversized machinery
- Handling uneven loads
- Cleanroom environments
- Sensitive equipment transport