

Air Bearing Casters for Material Movement

Air bearing casters, also known as air caster rigging systems or air skates, offer a friction-reducing solution for moving heavy loads. They are designed for smooth, omnidirectional movement, making them suitable for sensitive equipment and cleanroom environments.



Overview

Precision Material Handling

Air bearing casters utilize a thin film of compressed air to float heavy loads, creating a friction-free environment for material movement. This technology allows for the precise, omnidirectional transport of massive equipment with minimal physical force. Designed for efficiency, these systems are ideal for cleanroom applications and sensitive environments where floor protection and smooth movement are critical.

Technical Specifications

Available Load Capacities	10T, 16T, 20T, 32T, 48T, 60T
Power Source	Compressed Air
Customization	Yes

Key Benefits

Operational Advantages

- Cleanroom compatible
- Ergonomic and safe operation
- Superior maneuverability in tight spaces
- Floor protection
- Friction-free transport

System Inclusions

- Air bearing modules
- Control units
- Connection hoses