

Air Bearing Casters

Air bearing casters offer a capacity from 10 tons to 48 tons and can be customized as needed. These casters use a thin layer of compressed air to float the load, which minimizes friction and enables smooth and precise movement.



Product Overview

Precision Load Handling Solutions

Air bearing casters, often referred to as air skates or air rigging systems, provide a clean, quiet, and safe alternative for moving heavy loads. By utilizing a thin film of compressed air, these systems eliminate friction, allowing for accurate horizontal movement without damaging sensitive or expensive flooring. They are designed for easy operation without requiring special training, making them an ideal choice for clean room environments and delicate industrial settings.

Performance Specifications

Load Capacity Range

10 tons Minimum Capacity	48 tons Maximum Capacity
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Key Operational Features

Compressed Air Powered, Spark-Free, Pollution-Free, Floor Protection, Low Friction, No Floor Marking

System Details

System Components

- Air bearing modules
- Hose connection network
- Central control unit

Customization

Yes