

Air Bearing Casters

Air bearing casters use compressed air to move heavy equipment with ease and flexibility. The air-powered system protects floors and equipment while ensuring steady movement.



ADDITIONAL IMAGES



Overview

Air Bearing Rigging Systems

These air bearing casters, also known as air skates or air film transporters, utilize compressed air to create a thin, near-frictionless layer between the equipment and the floor. This technology allows for the effortless movement of heavy-duty loads, protecting both your flooring and sensitive equipment during relocation. Designed for longevity and minimal maintenance, these systems offer a highly maneuverable and labor-saving solution for moving loads exceeding 50 tons.

Performance Metrics

Load Capacity

50 tons Max Load Capacity	110000 lbs Max Load Capacity
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Expected Service Life

10+ years

Features

Key Advantages

Labor-saving, Floor protection, Equipment protection, Near-frictionless movement, Low maintenance

Power Source

Compressed Air

Technical Details

System Components

- Air bearings (skates)
- Air control console
- Air hoses

Ideal Applications

Cleanroom environments • Semiconductor manufacturing • Aerospace • Medical equipment production • Heavy machinery relocation