

Air Bearing Casters for Machine Moving

Air bearing casters enable movement of heavy machinery with minimal friction. They use a network to distribute air to multiple air skates, creating a cushion for smooth and efficient movement.



Product Overview

Air Bearing Load Movers

These air bearing casters provide a nearly friction-free solution for moving heavy equipment safely and efficiently. Designed for industrial rigging and material handling, the system utilizes air pressure to create a cushion, allowing for smooth movement of substantial loads. The units are built to be durable yet lightweight, ensuring reliable, trouble-free operation over long-term use.

Technical Specifications

Construction

Durable • Lightweight

Movement Characteristics

Friction-free, Low-friction, Smooth movement

System Configuration

System Components

- Main air input
- Power input
- Air distribution network
- Multiple air skate units

Operating Principle

The system receives air and power input, distributing pressure to multiple air skates to create a lifting cushion for load transport.