

Air Bearing Casters for Heavy Load Movement

Air bearing casters facilitate the movement of heavy loads using compressed air. These casters, also known as air bearings or air skates, create a nearly frictionless layer between the load and the floor.



Product Overview

Friction-Free Heavy Load Movement

These air bearing casters utilize compressed air to create a thin, friction-free layer between the load and the floor, allowing for effortless movement of heavy equipment. The system is designed for omnidirectional mobility, enabling precise turns and positioning in tight spaces that traditional cranes cannot access. Engineered for durability, this solution offers a cost-effective alternative for long-term heavy-duty logistics.

Technical Specifications

Power Source	Compressed Air
Movement Capability	Omnidirectional, Friction-free, Low-profile

Maintenance & Durability

Expected Lifespan

10 Years

Minimum Service Life

Maintenance Guidelines

- Encase air skates with plastic wrap after use
- Prevent oxidation during storage
- No special operator training required

Operational Benefits

Operational Advantages

Environmentally Friendly • Cost Effective • Low Profile Design • Easy Operation