

Modular Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize compressed air to create a thin film, enabling near-frictionless movement of heavy loads. Their modular design allows for customized configurations to accommodate various load sizes and shapes.



Overview

Advanced Air Bearing Technology

These modular air bearing casters utilize compressed air to create a thin film between the caster and the floor, enabling near-frictionless movement of heavy loads. Designed for clean-room environments, the system prevents floor damage and pollution while ensuring smooth, vibration-free transport of sensitive or heavy equipment. The modular design allows for easy customization and scalability, making it an efficient solution for manufacturing and logistics operations.

Technical Specifications

Load Capacity Rating

60 T

Max Load Capacity

Key Features

Clean-room compatible, Floor protection, Low vibration, Modular design, Compressed air powered

System Components

Included Components

- Air bearing pads
- Pneumatic hoses
- Control box
- Pressure gauges
- Control valves

Operational Details

Suitable Floor Types

Epoxy Floors • Smooth Industrial Floors

Operational Benefits

Feature	Benefit
Air Bearing Mechanism	Near-frictionless movement
Flexible Diaphragm	Even weight distribution
Compressed Air Power	Reduced physical effort