

Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize a thin layer of air to float loads, reducing friction for smooth movement. These casters are ideal for applications where traditional casters are unsuitable due to weight or sensitivity to vibrations.



ADDITIONAL IMAGES



Overview

Precision Heavy Load Movement

These modular air bearing casters provide a safe and cost-effective solution for optimizing industrial production processes. By utilizing a thin layer of air to float heavy loads, they significantly reduce friction, allowing for smooth, omnidirectional movement and precise positioning of heavy machinery. The system's modular design, available in four or six-module configurations, ensures scalability and adaptability to various load sizes and weight requirements.

Technical Details

System Components

- Air bearing modules
- Control unit with pressure gauges
- Pneumatic distribution hoses
- External air supply connection

Module Configurations

4-Module System, 6-Module System

Performance & Quality

Expected Service Life

10 Years

Service Life

Key Benefits

Minimal Friction • Omnidirectional Movement • Precise Positioning • Floor Protection

Warranty Period

1 Year

Applications

Suitable Environments

Industrial Manufacturing, Warehousing, Cleanroom Environments, Heavy Machinery Relocation