

Air Bearing Casters for Cleanroom Machinery

Air bearing systems are durable and can be used for more than ten years. Air rigging systems are lightweight and easily positioned under a load.



Overview

Precision Load Movement

Air bearing casters provide a simple and flexible solution for material handling, specifically designed for moving heavy machinery and equipment with minimal friction. By utilizing a thin layer of air to float the load, these systems allow for smooth, omnidirectional movement and precise positioning. They are an ideal choice for cleanroom environments where protecting sensitive equipment from vibration and rocking is paramount.

Technical Features

Service Life

10 years

Expected Lifespan

Included Components

- 4x Air bearing casters
- Control box
- Connection hoses

Key Operational Benefits

Low friction, Omnidirectional movement, Vibration reduction, Cleanroom compatible, Lightweight

Applications

Suitable For

- Cleanroom machinery
- Precision equipment
- Heavy machinery transport
- Sensitive industrial tools

Terminology

Industry Terms

Air casters • Air bearings • Air skates • Air skids • Pneumatic scissor lifts