

Air Bearing Casters for Load Movement

Air bearing casters require a smooth and non-porous floor for operation. These casters offer low friction movement for heavy loads by utilizing a thin film of air.



Product Overview

Precision Load Movement

Air bearing casters utilize fluid film technology to float heavy loads on a thin cushion of air, enabling effortless movement and precise positioning. Designed for heavy-duty applications, these systems eliminate floor damage and lift hazards while maintaining a low profile. They are an ideal solution for moving massive loads, plant relocation, and installing sensitive equipment in cleanroom environments.

Technical Capabilities

Key Features

- Low friction operation
- Fluid film air caster technology
- Precise positioning capability
- Non-porous surface compatibility
- Low profile design

Typical Applications

Heavy Load Movement, Plant Relocation, Equipment Installation, Assembly to Shipping, Cleanroom Operations

Operational Requirements

Surface Compatibility

To ensure optimum performance levels and safety, it is critical that the floor surface is non-porous and meets the specific requirements outlined in the manual. Proper surface preparation is essential for the air film to maintain integrity during operation.