

# 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.