

Air Bearing Casters for Heavy Load Movement

Air bearing casters utilize a thin layer of air to float heavy loads, enabling effortless maneuverability. They are used in industries where precise positioning and minimal vibration are critical.



ADDITIONAL IMAGES



Overview

High-Capacity Air Bearing Systems

These air bearing casters utilize a thin layer of air to float heavy loads, enabling effortless and precise movement across horizontal surfaces. Designed for industrial applications, the system ensures low floor loading and minimal vibration, making it safe for both the equipment being moved and the operators. The maneuverable design allows for movement in any horizontal direction without the need for specialized training.

Performance

Minimum Load Capacity	100 tons
Movement Direction	Omnidirectional (any horizontal direction)
Key Operational Benefits	Low Friction, Minimal Vibration, Low Floor Loading, High Maneuverability

System Components

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- Air bearing caster modules
- Control unit with pressure gauges
- Control valves
- Connecting air hoses

Design Features

- Yellow platform mounting
- Diamond-shaped underside pattern for air distribution
- Integrated air bearing modules

Application

Industry Applications

Manufacturing • Aerospace • Cleanroom • Heavy Machinery