

Air Bearing Casters for Material Movement

Air bearing casters are designed for moving heavy loads with ease and precision. These systems use air bearings to create a thin film of air between the load and the floor, minimizing friction and enabling smooth movement.



Product Overview

Air Bearing Material Movement Systems

These air bearing casters provide a flexible and efficient solution for moving heavy loads where traditional equipment like forklifts or cranes cannot operate. By utilizing a thin film of air to eliminate friction, the system allows for smooth, omni-directional movement of heavy items. Designed for durability and precision, these systems are suitable for a wide range of industrial applications, including manufacturing plants and large-scale material handling operations.

Technical Specifications

Custom Capacity Range

10 T Min Capacity	1000 T Max Capacity
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Standard Capacities	10T, 16T, 20T, 32T, 48T, 60T
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Customization	Yes
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Operational Features

System Advantages

- Omni-directional movement
- Friction-free operation via air film
- Compact design for tight spaces
- Flexible material handling

Common Applications

Paper Reformers • Heavy Machinery Moving • Warehouse Logistics • Industrial Manufacturing