

Air Bearing Casters for Precision Machinery Movement

Air bearing casters can be used to move sensitive, high precision machines. The system includes an air hose, a control manifold, and air lines connecting to each caster.



Product Overview

Precision Movement Solutions

These air bearing casters are engineered for the effortless transport of heavy, sensitive, and high-precision machinery. By utilizing air-film technology, they can move loads exceeding 50 tons with minimal manual effort, making them ideal for cleanroom environments and specialized handling tasks. The system offers exceptional maneuverability, allowing for easy lifting and rotation to provide operators with precise access to containers and equipment.

Performance Specifications

Load Capacity Range

10 tons

Minimum Capacity

100 tons

Maximum Capacity

Maximum Load (lbs)

110000 lbs

System Components

Included Components

- 1x Control console
- 1x Main air hose
- 4x Vice air hoses (6 meters each)

Application & Features

Key Benefits

Near-Frictionless Movement • High Maneuverability • Simple Structure • Customizable Design

Best Suited For

Cleanroom Operations, Precision Machinery, Sensitive Equipment, Heavy Load Handling