

Air Bearing Casters for Heavy Load Transport

Air bearing casters enable the movement of sensitive, high-precision machinery. These casters use a thin layer of air to float the load, which reduces friction and allows for smooth and precise movement.



Product Overview

Precision Air Bearing Systems

These air bearing casters are designed for the seamless transport of heavy loads exceeding 50 tons, allowing for easy maneuverability with minimal manual effort. Ideal for cleanroom environments and sensitive, high-precision machinery, the system utilizes a thin layer of air to float loads and reduce friction. The modular design ensures smooth rotation and precise positioning, making it an essential tool for industrial equipment handling.

Technical Capabilities

Load Capacity Range

10 tons

Minimum Capacity

100 tons+

Maximum Capacity

Max Load Capacity

110000 lbs

System Components

Standard Kit Contents

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

Applications

Best For

Cleanroom Operations, Heavy Machinery Transport, High-Precision Equipment, Industrial Relocation

Features

Key Benefits

Low Friction • Easy Maneuverability • Customizable Design • Precision Positioning