

Air Bearing Casters for Cleanroom Machinery

Air bearing casters enable the movement of heavy machinery in cleanroom environments without chemical reactions. These casters utilize a thin layer of compressed air to float the load, allowing for smooth and precise movement.



Product Overview

Cleanroom Precision Movement

These air bearing casters are engineered for the seamless transport of heavy machinery within cleanroom environments. By utilizing a thin layer of compressed air to float the load, they significantly reduce friction and eliminate the risk of floor scratches or surface damage. This system ensures smooth, precise movement while maintaining the integrity of sensitive flooring and equipment.

Key Benefits

Operational Advantages

- Zero surface scratching on smooth floors
- Significant friction reduction
- Even weight distribution
- Minimized stress on sensitive equipment
- Ideal for semiconductor and pharmaceutical cleanrooms

Technical Features

Target Industries

Semiconductor Manufacturing • Pharmaceutical Production • Cleanroom Facilities

System Components

Air Hoses, Control Units, Pressure Adjustment System