

Air Bearing Casters for Heavy Load Movement

Air bearing casters enable the smooth and precise movement of heavy loads by floating them on a thin film of air. This technology reduces friction, making them suitable for industrial applications where accurate positioning is essential.



ADDITIONAL IMAGES



Product Overview

Heavy Load Air Bearing Casters

Air bearing casters, also known as air skates or air dollies, provide a superior, frictionless solution for moving heavy loads of any size or shape. By floating the load on a thin film of pressurized air, these systems significantly reduce friction and allow for smooth, precise positioning of massive equipment. This technology eliminates the risk of floor surface damage and removes the need for specially reinforced flooring, making them ideal for industrial manufacturing and sensitive equipment transport.

Operational Requirements

Surface Requirements

Flat surface, Level surface, Concrete floor, Dry environment

Key Features

Performance Benefits

- Frictionless movement
- High precision positioning
- Low vibration operation
- Floor surface protection
- Flexible load support

Common Applications

Industrial Machinery • Semiconductor Manufacturing • Metrology • Sensitive Equipment Transport