

Air Casters for Heavy Load Movement

Air casters utilize a thin film of air to eliminate friction, allowing for easy movement of heavy loads. These casters enable the smooth and precise positioning of equipment in industrial settings.



ADDITIONAL IMAGES



Overview

Precision Heavy Load Handling

Air casters, also known as air bearings or air skates, utilize a thin, continuous film of flowing air to eliminate friction, allowing for nearly frictionless movement of heavy industrial loads. These systems enable omnidirectional movement and precise positioning, making them ideal for cramped areas where traditional rollers or wheels are impractical. By creating an air cushion between the load and the floor, they ensure damage-free transportation without leaving marks.

Performance

Load Capacity

100 tons

Maximum Load

Movement Capabilities

Omnidirectional, Frictionless, Precise Positioning

System Components

System Features

- Flexible diaphragm or torus design
- Compressed air control unit
- Connecting hoses
- Rectangular and circular caster options
- Load securing straps

Applications

Typical Use Cases

Industrial Equipment • Oil Rigs • Aircraft Handling • Machinery Rigging

Compliance & Safety

Floor Safety

Yes