

Air Bearing Casters for Heavy Load Movement

Air bearing casters enable the easy and precise movement of heavy loads. They use a thin film of air to float the load, minimizing friction and allowing for smooth movement.



ADDITIONAL IMAGES



Product Overview

Air Bearing Load Movement System

These air bearing casters offer a highly efficient, pollution-free solution for moving heavy industrial loads. By utilizing a thin film of compressed air to float equipment, the system drastically reduces friction, allowing heavy machinery to be maneuvered with minimal human effort. Designed for omnidirectional movement and precision, this system is an ideal alternative to traditional cranes for navigating confined or sensitive environments.

Performance Metrics

Maximum Load Capacity

50 tons
Capacity

110000 lbs
Capacity

Operational Features

Power Source

Compressed Air

Usability Factors

- Easy to operate with no special training
- Can be handled by a team of four
- Accesses areas inaccessible to cranes

Movement Capabilities

Omnidirectional, Flexible Turning, Low Friction

Environmental & Durability

| | |
|-----------------------|--|
| Environmental Impact | Zero pollution; utilizes clean compressed air. |
| Expected Service Life | 10 years |
| Field Proven | Yes |