

Pneumatic Air Casters for Heavy Load Movement

Pneumatic air casters are designed for the smooth and effortless movement of heavy loads. These casters utilize a thin layer of air to float the load, reducing friction and enabling omnidirectional movement.



ADDITIONAL IMAGES



Product Overview

Precision Heavy Load Movement

These pneumatic air casters are engineered to facilitate the smooth, frictionless movement of heavy machinery and delicate equipment. By utilizing a thin layer of compressed air, the system allows for omnidirectional maneuverability with minimal effort, making it ideal for industrial environments where precise positioning is required. The design ensures stability, prevents floor damage, and can be operated by a single worker without specialized training.

Technical Specifications

Power Source	Compressed Air
Expected Lifespan	10+ years
Operational Requirement	Single operator
Key Features	Environmentally Friendly, No Shaking, Omnidirectional Movement, Cost-Effective

Application & Usage

Recommended Applications

- Medical Devices
- Large Printing Equipment
- Industrial Machinery
- Heavy Equipment Relocation

System Components

Included Components

- Air bearing modules
- Pneumatic hoses
- Control manifold with pressure gauges
- Control valves
- Square metal mounting frames