

Pneumatic Air Casters for Load Moving

Air casters utilize kinetic energy to move heavy loads. These pneumatic lifting devices use compressed air to create a thin film of air, allowing for smooth movement.



Product Overview

Pneumatic Air Caster System

Pneumatic air casters are advanced load-moving devices designed to transport heavy machinery and equipment with minimal friction. By utilizing compressed air to create a thin film between the load and the floor, these systems allow for smooth, omnidirectional movement. This method effectively distributes weight, preventing damage to flooring while ensuring stability and safety during industrial transport operations.

Technical Features

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|-----------------------|---|
| Operating Principle | Compressed air film suspension |
| Movement | Omnidirectional |
| Floor Protection | Yes |
| Suitable Environments | Manufacturing Facilities, Warehouses, Industrial Environments |

System Components

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- Multiple air caster modules
- Central airflow control unit
- Durable low-profile chassis