

Air Caster Load Moving System

Air caster systems facilitate the movement of heavy loads using compressed air to create a thin, near-frictionless air layer. This system allows for omnidirectional movement and precise positioning, making it suitable for manufacturing, warehousing, and logistics.



Overview

Air Caster Load Moving System

Air caster systems provide a highly efficient, friction-free solution for moving heavy loads and equipment. By utilizing compressed air to create a thin film between the floor and the load, these systems allow for omnidirectional movement with minimal force. Designed for durability and low maintenance, they are an ideal handling solution for sectors ranging from aviation and aerospace to theater and heavy manufacturing.

Technical Specifications

Power Source	Compressed air
Construction Height	Extremely low
Maintenance Requirements	Low maintenance

Key Features

System Advantages

- Minimal force required for movement
- Reduced floor damage
- High durability
- Suitable for heavy loads

Movement Capabilities

Friction-free, Omnidirectional, Precise positioning

Applications

Industry Sectors

Aviation • Aerospace • Railways • Nuclear Energy • Theater • Manufacturing