

Modular Air Caster System for Heavy Load Transport

This modular air caster system is designed for moving heavy loads with ease and precision. It utilizes compressed air to create a thin film between the load and the floor, allowing near-frictionless movement.



ADDITIONAL IMAGES



Overview

Precision Heavy Load Transport

This modular air caster system is engineered for the efficient and precise movement of heavy loads within manufacturing and warehousing environments. By utilizing a thin film of compressed air between the load and the floor, the system achieves near-frictionless movement. It features a flexible, wear-resistant urethane diaphragm design that ensures durability and reliable performance for over a decade of industrial use.

Technical Specifications

Load Capacity Range

10 MT

Minimum Capacity

100 MT

Maximum Capacity

Module Configuration

- Four air modular system
- Six air modular system

Power Source

Compressed air

Diaphragm Material

Wear-resistant urethane

Performance

Expected Service Life

10+ Years

System Advantages

Omnidirectional movement, Precise positioning, Minimal floor damage, Near-frictionless travel

System Components

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Component	Function
Air Caster Modules	Generate air film for lifting
Control Unit	Regulates pressure to modules
Air Hoses	Connects modules to control unit