

# 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

### System Components

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