

Modular Air Caster System

This modular air caster system is designed for moving heavy loads. It uses compressed air to create a thin film of air, allowing for near-frictionless movement.



ADDITIONAL IMAGES



Overview

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This modular air caster system is designed for the frictionless movement of heavy loads across smooth, level surfaces. By utilizing compressed air to create a thin air film, the system allows heavy equipment to float, minimizing physical effort and preventing floor damage. The modular design, featuring independent air modules and a central control unit, offers scalability and precision for various industrial material handling applications.

Technical Specifications

Main Air Tube Length	30 m
Vice Air Tube Length	6 m
Power Source	Compressed Air

Operational Requirements

Surface Requirements

- Smooth surface
- No sharpened fragments
- No gaps
- Dry conditions (No water)

Compatible Flooring Types	Cement, Polyurethane
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System Features

Key Advantages

Floor Protection • No Floor Marking • Omnidirectional Movement • Modular Design