

Air Caster System for Heavy Load Movement

Air casters utilize a thin film of air to float heavy loads, enabling omnidirectional movement with minimal effort. These systems typically consist of multiple air bearing modules connected to a central control unit and air supply.



Overview

Heavy Load Air Caster System

The Air Caster System is an advanced industrial solution designed for the effortless movement of heavy loads. By utilizing a thin film of compressed air, these systems allow equipment to float, enabling omnidirectional movement with minimal friction. This technology ensures smooth, precise positioning of heavy machinery in demanding industrial environments.

Technical Specifications

| | |
|---------------------------|-----------------------------|
| Movement Capability | Omnidirectional |
| Friction Reduction Method | Thin film of compressed air |
| Available Module Shapes | Round, Square |

System Components

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- Air bearing modules
- Central control unit
- Air supply connection

Benefits

Key Operational Benefits

Minimal Effort • Precise Positioning • Smooth Operation • Even Load Distribution