

Air Caster System for Heavy Load Movement

Air caster systems use compressed air to enable almost frictionless movement of heavy objects. The system has multiple air casters connected to a central control unit that regulates airflow to each caster.



Product Overview

Efficient Heavy Load Transport

The Air Caster System is designed for the seamless movement of heavy-duty, oversized, or awkward equipment. By utilizing compressed air, the system creates a near-frictionless cushion that lifts loads slightly off the ground, allowing for precise and rapid positioning. It is an ideal, cost-effective solution for facilities with smooth surfaces such as epoxy flooring, ensuring safety and efficiency in industrial material handling.

Application Suitability

Compatible Equipment Types

- Precise Instruments
- Large Printing Machines
- Armariums
- Heavy-Duty Industrial Machinery

Ideal Environments

Epoxy Floors, Industrial Facilities, Smooth Surfaces, Level Surfaces

Technical Features

Power Source

Compressed Air

Core Components

- Multiple Air Casters
- Central Control Unit
- Flexible Diaphragm

Operating Principle

Uses compressed air to create a thin, frictionless air layer between the load and the floor.