

Air Caster Load Moving System with Balance Control

Air casters utilize compressed air to create a thin air film, reducing friction for moving heavy items. The integrated balance system ensures the load is evenly distributed, preventing tipping and instability.



Product Overview

Precision Heavy Load Movement

This Air Caster Load Moving System utilizes advanced air-bearing technology to facilitate the movement of heavy loads across smooth surfaces with minimal friction. By creating a thin film of air between the load and the floor, the system allows for precise, vibration-free transport of sensitive equipment. Integrated with a specialized balance control system, it ensures even load distribution to prevent tipping and maintain stability during operation.

Technical Features

System Components

- Air bearing modules
- Central control unit
- Connecting hoses
- Balance control system

Operational Principle

Compressed air-cushion technology

Load Stability

Yes

Configuration

Module Configurations

Circular, Rectangular

Application Suitability

Best For

Sensitive Equipment • Heavy Machinery • Smooth Surfaces