

Air Caster Load Moving System

This air caster system is designed for easily transporting heavy items. It can be quickly set up for full functionality.



Overview

Air Caster Load Moving System

The Air Caster Load Moving System utilizes advanced air-film technology to move heavy loads with near-zero friction. By creating a thin film of compressed air between the load and the floor, this system allows for omnidirectional movement and precise positioning of heavy machinery. It is an ideal solution for clean rooms and specialized industrial environments where heavy equipment needs to be relocated safely and efficiently.

Performance Metrics

Load Capacity Range

3 tons Minimum Capacity	100 tons+ Maximum Capacity
-----------------------------------	--------------------------------------

Setup Time

Less than 10 minutes

System Capabilities

Module Configurations

- 4-piece module sets
- 6-piece module sets

Key Features

Friction-free movement, Omnidirectional, Clean room compatible, Customizable, Rapid setup

Technical Specifications

Capacity Specifications

System Type	Capacity Range
Standard Air Skate	2.5 - 8 tons
Air Trailer System	10 - 48 tons
Customized Systems	Up to 100+ tons

Operational Requirements

Surface Suitability

Smooth • Non-porous