

Air Caster Rigging System for Heavy Load Movement

The air caster rigging system is designed for moving heavy loads with ease and precision. This system utilizes compressed air to create a thin layer of air between the load and the floor, effectively floating the load for smooth and effortless movement.



Product Overview

Air Caster Rigging System

This advanced rigging system utilizes compressed air technology to lift and move heavy, high-capacity machinery across industrial facilities with ease and precision. By creating a thin air film, it allows for effortless movement while simultaneously protecting flooring surfaces from damage typically caused by traditional rollers or wheels. The system is designed to accommodate various machine geometries, including rectangular, square, circular, and polygonal footprints, making it a versatile solution for delicate equipment relocation.

System Capabilities

Key Advantages

- Eliminates floor damage during transport
- Omnidirectional movement capability
- Even weight distribution across air bearings
- Precision control in confined spaces

Supported Load Geometries

Rectangular, Square, Circular, Polygonal

Technical Specifications

Standard Equipment

Component	Function
Air Bearings	Generate load-bearing air film
Control Manifold	Regulates independent air pressure
Connection Hoses	Delivers compressed air to bearings
Pressure Gauges	Monitors system stability