

Air Caster Rigging System for Heavy Load Movement

Modular air casters offer flexibility for various applications, enabling precise positioning and eliminating floor damage. The system mitigates lift hazards by utilizing air to smoothly move heavy objects.



Overview

Air Caster Rigging System

The Air Caster Rigging System utilizes advanced fluid film technology to float heavy loads on a cushion of air, ensuring safe and efficient movement. This system is designed for precise positioning of massive loads, making it ideal for plant relocation, equipment installation, and assembly-to-shipping workflows. By eliminating friction, the system prevents floor damage and removes the hazards typically associated with traditional lifting methods.

Technical Specifications

Technology	Fluid film air caster technology
Key Benefits	Floor Protection, No Lift Hazards, Precise Positioning, Frictionless Movement

Application

Typical Applications

- Plant moving and relocation
- Heavy equipment installation
- Assembly line to shipping transport
- Heavy load positioning

System Architecture

System Components

- Main air supply
- Distribution manifold
- Individual air skates