

Air Caster Rigging System for Heavy Load Movement

Air caster rigging systems utilize compressed air to lift and move heavy loads with minimal effort. These systems allow for precise and synchronized lifting and movement.



ADDITIONAL IMAGES



Overview

Precision Heavy Load Movement

The Air Caster Rigging System utilizes advanced pneumatic technology to create a thin film of air, enabling near-frictionless, omnidirectional movement of heavy loads. Designed for industrial environments, this system eliminates floor damage while providing precise control for positioning bulky items in tight spaces. It is an economical and safe solution for assembly, plant relocation, and equipment maintenance.

Performance

Load Capacity Range

1 ton

Minimum Capacity

50 ton+

Maximum Capacity

Movement Capabilities

Omnidirectional, Low Friction, Low Profile, Synchronized Lifting

Technical Specifications

System Components

- Air casters
- Control manifold/unit
- Pneumatic hoses

Surface Compatibility

Concrete • Steel • Epoxy-coated floors

Operating Requirements

Utilizes existing shop compressed air

Applications

Common Use Cases

- Assembly to shipping transport
- Plant start-up and relocation
- Jacking and rotating assemblies
- Aligning machines over footings
- Rearranging production lines
- Repair of large items (heat exchangers, transformers)