

# Air Bearing Rigging System

This air rigging system is designed for moving heavy machinery and equipment on flat, level surfaces. It utilizes air bearing casters connected to a central control unit, distributing compressed air to each caster for smooth movement.



## ADDITIONAL IMAGES



## Overview

### Air Bearing Rigging System

The Air Bearing Rigging System, also known as air casters or air skates, provides a safe and cost-effective solution for moving heavy loads. By utilizing compressed air to create a nearly frictionless film, this system allows for smooth, omnidirectional movement of heavy machinery and equipment. It is an environmentally friendly alternative to electric-powered movers, ideal for industrial environments requiring precise handling on flat, level surfaces.

## Technical Specifications

### Module Configurations

- Circular Modules
- Square Modules

Power Source	Compressed Air
Movement Mechanism	Air Film (Frictionless)
Surface Compatibility	Flat, Level, Smooth

## Operational Safety

### Safety Advantages

Friction-free • Environmentally Friendly • Safe Power Source • Low Effort

### Operational Limitations

- Not suitable for bumpy floors
- Not suitable for porous floors

## System Components

### Included Components

Component	Function
Air Bearing Modules	Load support and air film generation
Control Manifold/Box	Individual valve controls for each pad
Connecting Hoses	Compressed air distribution