

# Air Bearing Cargo Transport System

Air bearing systems are designed for moving heavy loads across smooth surfaces using compressed air. This creates a nearly frictionless layer, enabling smooth and precise movement of heavy machinery and equipment.



## ADDITIONAL IMAGES



## Overview

### Air Bearing Cargo Transport System

This air bearing cargo transport system provides a versatile, near-frictionless method for moving heavy or delicate loads across smooth surfaces. Utilizing compressed air to create a thin film between the load and the floor, the system enables smooth, omni-directional movement ideal for industrial environments. The modular design allows for rapid setup in under 10 minutes and can be customized to accommodate various load requirements.

## Performance Specifications

### Load Capacity Range

**10 tons**

Minimum Capacity

**48 tons**

Maximum Capacity

### Setup Time

Less than 10 minutes

### Movement Capabilities

Omni-directional, Smooth movement, Near-frictionless

## System Components

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- Air bearing modules with flexible diaphragms
- Central control unit
- Connecting hoses
- External air compressor (required)

### Configuration Options

Modular Design • Customizable Capacity • Round shapes • Rectangular shapes

## Applications

### Suitable Environments

- Manufacturing facilities
- Aerospace industry
- Cleanroom environments
- General industrial sites