

# Air Caster System for Heavy Load Movement

Air casters enable near-frictionless movement of heavy equipment by distributing compressed air. This system is designed for applications requiring precise positioning and minimal floor contact.



## Overview

### High-Efficiency Air Film Transport

This multi-way air film equipment is designed for the efficient movement and transport of heavy objects across smooth surfaces. By utilizing compressed air to create a thin air membrane between the ground and the machinery, the system enables near-frictionless, precise positioning. It offers a highly flexible solution for industrial facilities, with a durable design capable of lasting over 10 years.

## Performance Metrics

### Load Capacity Range

**10 tons**

Minimum Capacity

**60 tons**

Maximum Capacity

## Operational Requirements

### Surface Requirements

- Must be smooth
- Free of hard material
- Free of sand particles

### Working Principle

Input air to form an air membrane between the ground and the heavy machinery.

## Features & Benefits

### Key Features

Customizable, Environment-friendly, High flexibility, Long service life

### Expected Service Life

Over 10 years