

# Pneumatic Air Casters for Heavy Load Movement

Air casters facilitate the movement and handling of items on production lines, and aid in the repair of exchangers, machine tools, and transformers. These pneumatic lifting devices employ compressed air to create a thin air layer, allowing heavy loads to float and be easily maneuvered.



## Overview

### Precision Load Movement

Pneumatic air casters are advanced lifting devices designed for moving heavy loads with minimal effort. By utilizing compressed air, these systems create a thin film between the load and the floor, allowing for omnidirectional movement and precise positioning. They are an ideal solution for industrial environments where traditional wheels are unsuitable due to space constraints, floor sensitivity, or extreme weight.

## System Components

### Included Components

- Air bearings
- Control unit with pressure gauges and valves
- Connecting hoses
- Rigid mounting frames

## Performance Features

### Control Features

**1 per bearing**

Independent Pressure Adjustment

### Movement Capabilities

Omnidirectional, Precise Positioning, Low Effort, Smooth Movement

## Applications

### Best Suited For

Heavy Industrial • Manufacturing • Floor Sensitive Areas