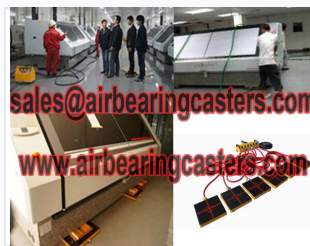


# Air Bearing Casters for Heavy Load Movement

Air bearing casters use a thin film of air to float heavy loads, enabling nearly frictionless movement. The system includes air bearing pads connected to a control unit that regulates airflow, ensuring even weight distribution and stability.



## ADDITIONAL IMAGES



## Overview

### Air Bearing Load Moving System

These air bearing casters utilize compressed air to create a thin film, allowing heavy loads to float with near-frictionless movement. Designed to protect both the equipment being moved and the floor surface, this system ensures stable, vibration-free transport. It is an ideal solution for moving sensitive instruments and heavy machinery in environments where precision and floor protection are paramount.

## Technical Features

Power Source	Compressed Air
Movement Characteristics	Frictionless, Vibration-free, Omnidirectional, Stable
Floor Protection	Yes

## Usage & Application

### Ideal Environments

- Cleanroom environments
- Manufacturing facilities
- Warehouses
- Assembly lines

### Suitable Load Types

- Precise instruments
- Heavy machinery
- Sensitive equipment
- Structures

## System Components

### System Components

- Air bearing pads
- Control unit
- Air hoses
- Distribution manifold

### Expected Service Life

**10 Years**

Service Life