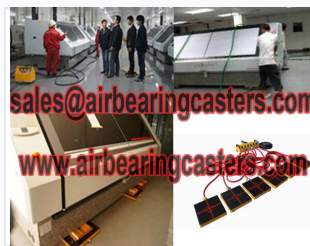


Air Bearing Casters for Heavy Load Movement

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