

# Air Bearing Load Moving System

Air bearing load moving systems utilize air bearings to float heavy loads on a thin film of air, enabling near-frictionless movement. These systems are ideal for moving heavy machinery and equipment in manufacturing, warehousing, and other industrial settings.



## ADDITIONAL IMAGES



## Product Overview

### Precision Load Moving System

This pneumatic lifting device utilizes advanced air bearing technology to move heavy loads across flat, non-porous surfaces with minimal effort. Operating on a principle similar to a hovercraft, the system creates a thin layer of air that allows machinery to float, ensuring virtually friction-free movement. Its omni-directional capabilities provide exceptional maneuverability, making it an ideal solution for industries requiring precise equipment relocation and damage-free transport.

## Technical Specifications

Power Source	Compressed Air
Diaphragm Material	Wear-resistant urethane
Movement	Omni-directional, Friction-free, Floating

## Operational Requirements

### Typical Applications

- Semiconductor manufacturing
- Aerospace
- Cleanroom environments
- Heavy machinery relocation
- Warehousing

Surface Requirements	Smooth, non-porous surfaces
----------------------	-----------------------------