

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
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