

Air Bearing Movers for Heavy Load Transport

Air bearing movers utilize a thin film of air to float heavy loads, reducing friction and enabling smooth movement in any direction. These systems are ideal for applications requiring precise positioning and minimal floor damage.



ADDITIONAL IMAGES



Overview

Precision Heavy Load Transport

Air bearing movers are advanced pneumatic devices designed to transport heavy loads with exceptional ease and precision. By creating a thin, frictionless film of air between the load and the floor, these systems allow for smooth, omnidirectional movement similar to a hovercraft. This technology is ideal for manufacturing, warehousing, and assembly environments where traditional heavy equipment handling methods may be impractical or unsafe.

Technical Specifications

Diaphragm Material	100% Urethane
Key Properties	Wear-resistant, Flexible, High-durability

System Components

Included Components

- Four air bearing modules
- Circular air bladders
- Square metal base plates
- Control unit with pressure gauges and valves
- Pneumatic air hoses

Performance Metrics

Operational Benefits

Frictionless movement • Minimal floor damage • Precise positioning • Even weight distribution

Applications

Suitable Environments

- Manufacturing facilities
- Warehousing
- Assembly lines
- Healthcare facilities