

Air Bearing System for Heavy Load Movement

This air bearing system moves heavy loads using a thin film of air, providing a nearly frictionless interface. It is designed for precise positioning, minimal vibration, and clean operation in industrial settings.



ADDITIONAL IMAGES



Overview

Precision Load Movement

The Air Bearing System provides a sophisticated solution for moving heavy machinery and sensitive equipment across industrial floors. By utilizing a thin film of compressed air, the system creates a near-frictionless interface that allows for precise, omnidirectional movement. This method ensures maximum floor protection, eliminates vibration, and maintains a clean, non-polluting operational environment.

Operational Benefits

Key Advantages

Environmentally Friendly, No Sparks, Floor Protection, No Special Training, Vibration-Free

System Components

System Components

- Air bearing modules (pads)
- Central control unit
- Pneumatic hose connections

Performance Features

Performance Capabilities

Feature	Capability
Movement Type	Omnidirectional
Operational Interface	Thin film of pressurized air
Safety Rating	Spark-free operation
Pad Configuration	Circular and Square options