

Air Bearing Moving Skates

Air bearing moving skates utilize compressed air to float heavy loads on a thin film, reducing friction. This allows for smooth, omnidirectional movement and precise positioning of equipment in factories and warehouses.



ADDITIONAL IMAGES



Overview

High-Capacity Air Bearing Moving Skates

These air bearing moving skates provide a robust and efficient solution for transporting heavy loads with minimal effort. By utilizing compressed air to create a thin, frictionless layer between the load and the floor, the system allows for smooth, omnidirectional movement. Designed for industrial environments, this equipment is ideal for precise positioning of sensitive machinery in warehouses and manufacturing facilities.

System Components

Included Components

- Main air tubes
- Air control console with wheels
- Vice air tubes
- Airbags

Operational Requirements

Floor Surface	Flat, Level, Smooth, Obstruction-free
Operating Principle	Compressed air inflation creates a flexible diaphragm cushion to float the load

Performance

Movement Capability

Omnidirectional • Low-friction • Precise positioning