

Air Powered Moving Dolly System

This air-powered dolly system facilitates the movement of heavy loads using compressed air. It includes air bearing modules, hoses, and a control unit for precise operation.



ADDITIONAL IMAGES



Product Overview

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This air-powered moving dolly system is designed for heavy-duty lifting and precise transportation of heavy machinery and large equipment. By utilizing advanced air bearing technology, the system creates a near-frictionless interface, allowing for smooth, omnidirectional movement across smooth surfaces. The complete setup includes air bearing modules, a centralized control manifold with pressure regulation, and high-pressure connecting hoses to ensure stable and synchronized load distribution.

System Components

Included Components

- Air bearing modules/casters
- Control manifold with pressure gauges and valves
- High-pressure air supply hoses
- Distribution boxes

Technical Capabilities

Movement Capability

Omnidirectional, Near-frictionless, Vibration-free, Precision positioning

Application

Ideal Environments

Industrial • Manufacturing • Construction • Warehousing • Cleanroom • Logistics

Design Features

Key Design Features

- Low profile design for tight spaces
- Independent pressure control per module
- Robust, durable construction
- Even weight distribution