

Pneumatic Air Skates for Heavy Load Movement

Pneumatic air skates utilize compressed air to lift and move heavy loads with ease. These systems are designed for smooth, controlled movement of objects in industrial settings.



ADDITIONAL IMAGES



Overview

Industrial Air Bearing Transport System

These pneumatic air skates provide a near-frictionless solution for moving heavy-duty equipment in industrial environments. By utilizing air film technology, the system distributes weight evenly to prevent floor damage and point-loading, allowing for precise, omnidirectional positioning even in tight spaces. Designed for safety and efficiency, this transport system can be operated by a single user to handle diverse load types.

Key Features

Operational Advantages

- Near-frictionless movement
- Omnidirectional horizontal positioning
- Zero floor damage or point-loading
- Precise maneuvering in low-clearance spaces
- Single-operator capability

Application Suitability

Heavy Duty Equipment, Industrial Rigging, Precision Positioning, Floor Protection

Technical Details

System Components

| Component | Function |
|------------------|---|
| Air Bearings | Load-bearing platforms with integrated air cushions |
| Control Unit | Regulates air pressure with multiple outlets |
| Connection Hoses | Distributes air from control unit to bearings |