

# Air Skates Load Moving System

Air skates are also known as air bearing casters or air rigging moving systems. This system allows loads to float on a film of air, which virtually eliminates friction, making it highly flexible for relocating or moving heavy devices.



## Overview

### Floating Heavy Loads with Precision

The Air Skates Load Moving System utilizes advanced air bearing technology to float heavy equipment on a thin film of air, enabling virtually friction-free movement. Designed for industrial environments, this system allows for the easy relocation of loads exceeding 50 tons with minimal manpower. By using compressed air as a power source, it ensures clean, quiet operation while protecting floor surfaces from the damage often caused by traditional heavy-duty rollers or forklifts.

## Performance Metrics

### Maximum Load Capacity

**50 tons**

Load Capacity

**110000 lbs**

Load Capacity

## Operational Features

Power Source	Compressed Air
Movement Characteristics	Friction-free, Omnidirectional, Steady, Flexible

## Maintenance & Durability

### Storage Recommendations

- Encase with plastic wrap after use
- Prevent oxidation during storage

Expected Service Life	10+ years
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## Key Benefits

### Operational Advantages

Feature	Benefit
Air Bearing Technology	Protects floors from damage
Compressed Air Power	Clean and pollution-free
Friction-less Movement	Requires less manpower