

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