

Pneumatic Air Casters for Heavy Load Movement

Pneumatic air casters employ a thin layer of air to float heavy loads, facilitating omnidirectional movement with minimal effort. These casters are well-suited for moving heavy machinery and equipment in industrial settings.



ADDITIONAL IMAGES



Product Overview

Industrial Air Caster Systems

Pneumatic air casters, also known as air skates or air bearings, provide a friction-free solution for moving heavy loads in industrial environments. By utilizing a compressed air supply to create a thin air film, these systems allow for precise, omnidirectional positioning of large machinery and equipment. They are designed to distribute weight evenly, protecting floors from damage and eliminating the need for expensive structural reinforcements.

Also Known As

Air Cushions, Air Skates, Air Bearings

Technical Specifications

Compatible Floor Surfaces

- Cement floor
- Polyurethane floor

System Height

50 mm

Features & Benefits

Key Advantages

Friction-free movement • Omnidirectional • Floor protection • Quiet operation • Zero emissions

System Components

Included Components

Component	Function
Air Bearings	Pneumatic lifting/floating
Control Panel	Pressure regulation via gauges
Air Hoses	Compressed air distribution