

Pneumatic Air Casters for Heavy Load Movement

Pneumatic air casters utilize compressed air to float heavy loads on a thin layer of air, enabling smooth movement. They are available in five models with different weight capacities for various industrial applications.



ADDITIONAL IMAGES



Product Overview

Precision Load Movement

Pneumatic air casters are advanced material handling tools designed to move heavy loads with minimal friction. By creating a thin layer of air between the load and the floor, these systems allow for smooth, balanced, and omnidirectional transport of heavy machinery. Originally developed for demanding environments like theater staging, they are now widely used in industrial settings to navigate gaps and floor surface variations without requiring special training.

Technical Specifications

Movement Capability	Omnidirectional, friction-free
Available Models	5
System Components	Air Bearings, Control Manifold, Pressure Gauges, Pressure Regulators, Pneumatic Hoses

Usage & Application

Ideal Applications

- Industrial equipment relocation
- Theater stage set movement
- Heavy machinery transport
- Moving loads over floor gaps
- Navigating floor steps

Operational Ease

No special training required • Quick installation • Steady movement