

Air Casters for Heavy Load Movement

Air casters are designed to lift and move heavy duty loads with little effort. They utilize a thin film of compressed air to float heavy loads on a nearly frictionless surface.



ADDITIONAL IMAGES



Overview

Heavy-Duty Air Bearing Systems

These air caster systems provide a smooth and flexible solution for moving heavy machinery and equipment in industrial environments. By utilizing a thin film of compressed air, the system allows for near-frictionless movement, making it ideal for navigating tight spaces where traditional rollers are impractical. The modular design supports loads ranging from 10 tons to over 60 tons, with customizable configurations available to suit specific operational requirements.

Performance Specifications

Load Capacity

10 T

Minimum Capacity

60 T+

Maximum Capacity

Movement Characteristics

Near-frictionless, Smooth, Flexible, Multi-directional

System Components

Included Components

- Air bearing modules
- Control unit with pressure gauges
- Control valves
- Air supply hoses (red/yellow)
- Leveling shims

Suitable Environments

Manufacturing • Warehousing • Industrial Facilities • Tight Spaces