

Air Caster System for Heavy Load Movement

Air casters enable near-frictionless movement of heavy equipment by distributing compressed air. This system is designed for applications requiring precise positioning and minimal floor contact.



Overview

High-Efficiency Air Film Transport

This multi-way air film equipment is designed for the efficient movement and transport of heavy objects across smooth surfaces. By utilizing compressed air to create a thin air membrane between the ground and the machinery, the system enables near-frictionless, precise positioning. It offers a highly flexible solution for industrial facilities, with a durable design capable of lasting over 10 years.

Performance Metrics

Load Capacity Range

10 tons

Minimum Capacity

60 tons

Maximum Capacity

Operational Requirements

Surface Requirements

- Must be smooth
- Free of hard material
- Free of sand particles

Working Principle

Input air to form an air membrane between the ground and the heavy machinery.

Features & Benefits

Key Features

Customizable, Environment-friendly, High flexibility, Long service life

Expected Service Life

Over 10 years