

Air Caster Load Moving System

Air caster systems move heavy objects with ease and precision. Compressed air creates a thin layer between the load and the floor, allowing near-effortless movement.



ADDITIONAL IMAGES



Overview

Versatile Air Film Transport System

The Air Caster Load Moving System provides a superior, versatile solution for moving heavy machinery and equipment of any size, shape, or weight. By utilizing compressed air to create a thin film between the load and the floor, this system enables smooth, frictionless, and precise movement while eliminating floor surface damage. It is an ideal alternative to traditional machine skates or dollies, offering modular support for industrial applications.

Technical Features

Operating Requirements

- Requires flat and level floor surfaces
- Suitable for concrete floors
- Dry surface operation (no water)

Key Benefits

Floor Protection, Frictionless Movement, Heavy Load Capacity, Modular Design, Precision Maneuvering

System Components

Included Components

| Component | Function |
|-----------------|---|
| Air Casters | Flexible bladders for lifting and floating the load |
| Control Unit | Regulates airflow and pressure to each caster |
| Pressure Gauges | Monitors system pressure for even weight distribution |
| Hose System | Connects control unit to casters for air supply |

Applications

Primary Applications

Manufacturing Plants • Warehouses • Assembly Lines • Machinery Moving • Heavy Equipment Transport