

Air Caster Load Moving System

Air caster load module systems provide a frictionless method for moving heavy loads. These systems utilize compressed air to create a thin layer of air between the load and the floor, allowing for easy and precise movement.



ADDITIONAL IMAGES



Overview

Precision Load Handling

The Air Caster Load Moving System offers a highly efficient, frictionless method for transporting heavy machinery and equipment. By utilizing compressed air to create a thin film between the load and the floor, this system ensures omnidirectional movement, precise positioning, and eliminates floor damage. It is an ideal, customizable solution for industrial environments, cleanrooms, and manufacturing facilities where traditional wheels are unsuitable.

Key Features

Operational Advantages

Frictionless Movement, Low Profile, No Floor Damage, Omnidirectional, Precision Positioning, Customizable

System Components

Included Components

- Air Skates
- Air Control Console
- Connecting Hoses
- Quick-connect Fittings

Control Console Function

Regulates air pressure to each individual air skate to ensure even weight distribution and smooth, synchronized operation.

Applications

Recommended Use Cases

Manufacturing • Warehousing • Aerospace • Cleanrooms