

Air Caster System for Heavy Load Movement

Air caster systems use compressed air to create a thin layer of air between the load and the floor, allowing for nearly frictionless movement. These systems are used to move heavy loads in manufacturing, construction, and aerospace environments.



ADDITIONAL IMAGES



Product Overview

Air Caster System for Heavy Load Movement

This pneumatic air caster system utilizes advanced air film technology to lift and transport heavy loads with minimal friction. By creating a thin cushion of air between the equipment and the floor, it enables omnidirectional movement and precise positioning for industrial applications. The system operates entirely on compressed air, eliminating the need for electricity or external power sources, providing a cost-effective and efficient solution for heavy-duty material handling.

Operational Features

Configuration Options

- 4-Skate System
- 6-Skate System

Required Floor Conditions

- Smooth concrete
- Non-porous surface
- Flat and level

Power Source

Compressed Air (Pneumatic)

Movement

Omnidirectional, Low-friction, Precise positioning

Benefits

Key Advantages

No electricity required • Floor protection • Low profile design • Easy operation