

Pneumatic Air Caster Kit for Heavy Load Movement

Pneumatic air caster kits facilitate the movement of heavy loads across smooth surfaces. These systems use compressed air to create a thin film of air between the load and the floor, reducing friction and enabling easy maneuvering.



ADDITIONAL IMAGES



Product Overview

High-Capacity Air Rigging Systems

These air caster load module systems provide an advanced solution for moving heavy industrial equipment with minimal friction. By utilizing compressed air to create a thin floating layer, the system enables highly maneuverable and precise material handling. With an exceptionally low profile, these units are easy to position and operate, offering an environmentally friendly, pollution-free alternative to traditional rollers.

Performance

Load Capacity Range

10 tons

Minimum Capacity

48 tons

Maximum Capacity

Technical Details

Operational Advantages

- Low friction operation
- High maneuverability
- Low profile design for easy equipment loading
- Pollution-free and environmentally friendly

Module Height

50 mm

System Components

System Configuration

Component	Function
Air Casters	Load-bearing modules creating air-film suspension
Control Unit	Regulates airflow and ensures synchronized movement
Pneumatic Hoses	Connects air supply to casters and control unit