

# Aircraft Transportation System with Hydraulic Casters

This air caster rigging system has a compact and simple structure. The system is designed for maneuvering heavy loads in industrial environments, using interconnected hydraulic pads for even weight distribution and smooth movement.



## Product Overview

### High-Efficiency Air Bearing Transportation

This aircraft transportation system utilizes advanced air caster technology to facilitate the friction-free movement of heavy loads and equipment. By creating a thin film of compressed air between the floor and the air cushion, the system allows for precise maneuvering with minimal physical force. Designed for industrial efficiency, this compact solution is ideal for cleanroom applications and tight-space navigation, ensuring both floor protection and operator ergonomics.

## Technical Specifications

Power Source	Compressed Air
Air Modules	6 units
Movement Mechanism	Air film transport (friction-free)

## Key Advantages

### Operational Benefits

- Cleanroom compatible
- Ergonomic design for operator safety
- Excellent maneuverability in tight spaces
- Floor protection via air cushion technology
- Cost-effective and environmentally friendly

### Industry Terminology

Air Caster Rigging System, Air Skates, Air Movers, Air Film Transporters, Air Load Carrier