

Air Film Transporter System

Air rigging systems facilitate the movement of heavy loads. Air bearing modules connect to a central control unit, ensuring even weight distribution and stable movement.



Overview

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The Air Film Transporter System is an advanced solution designed to move heavy loads with minimal friction by utilizing a thin layer of compressed air. This modular system, which typically features four to six air load modules, ensures stable movement and even weight distribution across smooth surfaces. Ideal for cleanroom environments and precision manufacturing, it provides a safe, reliable, and cost-effective method for transporting sensitive or heavy industrial equipment.

Technical Specifications

Alternative Names

- Air bearing casters
- Air skates
- Air load carrier

Module Configuration

4 or 6 air load modules

Key Advantages

Low air consumption, Enhanced floor surface operation, Frictionless movement, Stable weight distribution

Operational Features

Core Components

- Air bearing modules
- Central control unit
- Airflow regulation system

Typical Applications

Cleanroom environments • Manufacturing facilities • Industrial settings • Heavy equipment transport