

# Air Cushions for Heavy Equipment Movement

Air cushions utilize compressed air to create a nearly frictionless layer between the load and the floor, simplifying heavy machinery movement. A central control unit regulates airflow to each cushion, ensuring even weight distribution and smooth operation.



## Product Overview

### Pneumatic Movement Solution

These air cushions utilize compressed air technology to facilitate the movement of heavy machinery with minimal friction. By creating a thin layer of air between the load and the floor, the system ensures smooth operation and even weight distribution. This solution is designed to protect precision instruments from damage caused by imbalances during transit, making it an ideal choice for manufacturing plants and industrial warehouses.

## Technical Specifications

Operating Principle	Pneumatic air cushion technology
Key Benefits	Frictionless movement, Even weight distribution, Environmentally friendly, Precision protection, Low cost

## Usage & Application

### Basic Operation Steps

- Position the module under the machine
- Connect to the central control unit via hoses
- Input compressed air to inflate cushions
- Regulate airflow for smooth movement

### Recommended Environments

Manufacturing plants • Warehouses • Industrial settings