

# Pneumatic Load Carrier

This pneumatic component offers efficient load handling and precise movement control. The air load carrier uses air bearings to float heavy objects, enabling smooth movement across surfaces.



## ADDITIONAL IMAGES



## Overview

### Pneumatic Load Carrier System

The Pneumatic Load Carrier is an advanced material handling solution designed for the safe and efficient movement of heavy machinery and equipment. By utilizing air bearing technology, this system floats heavy loads on a thin film of compressed air, enabling smooth, friction-free movement across various surfaces. It serves as a superior, environmentally friendly alternative to electric-powered handling equipment, offering precise control and enhanced safety in demanding industrial environments.

## Technical Specifications

### System Components

- Multiple air bearing modules
- Central control unit
- High-pressure pneumatic hoses
- Flexible air-distributing diaphragms

### Performance Metrics

**0 Minimal**

Friction

**1 Adjustable**

Load Distribution

Power Source

Compressed Air

Operating Principle

Air bearing flotation

## Features & Benefits

### Ideal Applications

Machinery Moving • Heavy Equipment Handling • Manufacturing Logistics • Warehousing Operations

Safety & Environment

Environmentally Friendly, Non-Electric, Reduced Accident Risk, Stable Load Distribution