

# Air Bearing System for Heavy Load Movement

Air bearing systems enable frictionless movement of heavy loads using a thin layer of air. The system includes air bearing modules, hoses for air supply, and a control panel for managing air pressure and flow.



## Overview

### Industrial Air Bearing System

This air bearing system is designed for the frictionless movement of heavy machinery and industrial equipment. By utilizing a thin layer of compressed air, the system allows for the safe and efficient transport of heavy loads across industrial floors. The complete kit includes specialized air bearing modules, durable connection hoses with quick-connect fittings, and a precision control panel for regulating air flow and pressure.

## System Components

### Included Components

- Multiple air bearing modules
- Compressed air connection hoses
- Quick-connect fittings
- Control panel with pressure regulation

### Module Design

Square module with central circular air bladder

## Control System

### Control Features

Pressure Regulation, Flow Control, Analog Gauges, Manual Control Knobs

## Operational Details

### Typical Applications

Heavy Machinery • Industrial Equipment • Large Structures

### Movement Principle

Frictionless movement via thin air layer