

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