

Air Bearing Load Moving System

Air skids are employed across various sectors due to the air bearing movers' ability to handle substantial loads while maintaining equilibrium and preventing floor damage. The system uses compressed air to generate a thin air cushion between the load and the floor, enabling almost effortless motion.



Overview

Precision Load Handling

The air bearing load moving system is engineered for the efficient transport of heavy industrial loads with minimal friction. By utilizing compressed air to create a thin film between the load and the floor, the system ensures near-effortless movement while maintaining balance. This technology is essential for manufacturing, aerospace, and other sectors requiring precise, stable, and damage-free load handling.

System Components

Core Components

- Air bearings
- Air compressor
- Control system

Operational Features

Key Benefits	High Load Capacity, Floor Protection, Stable Movement, Minimal Friction
Control Mechanism	Regulated airflow and pressure control for stable movement