

Modular Air Bearing Casters for Heavy Load Movement

Air bearing casters enable the movement of heavy-duty objects in areas cranes cannot access, preventing floor marking and point loading. These casters utilize compressed air to generate a thin air film between the load and the floor, allowing for near-frictionless motion.



Overview

Heavy Load Air Bearing System

These modular air bearing casters are engineered to facilitate the effortless movement of heavy industrial loads by creating a near-frictionless film of air. Designed to protect floor surfaces from damage and point-loading, they offer a flexible alternative to traditional cranes in confined spaces. The system is typically deployed in sets of four or six modules to ensure stability and even weight distribution for large equipment relocation.

Technical Specifications

Load Capacity

60 T

System Capacity

Standard Configuration

4-Module Set, 6-Module Set

Key Features

Operational Benefits

- Near-frictionless movement
- No floor marking
- Prevents point loading on floors
- Highly flexible for tight spaces
- Alternative to overhead cranes

Floor Protection

Non-Marking • Load Distributing