

Air Bearing Casters for Heavy Load Movement

Air casters utilize a thin layer of air to float heavy loads, enabling smooth and omnidirectional movement. The air modules are designed for even weight distribution and stability, ensuring safe and precise movement of heavy loads.



Product Overview

Modular Air Caster Systems

These modular air bearing caster systems utilize compressed air to create a thin layer of air, allowing heavy loads to float for smooth, omnidirectional movement. Designed for high-safety industrial environments, the system operates without sparks and prevents floor damage by eliminating direct contact and leaving no marks. The modular design, available in four or six-module configurations, ensures even weight distribution and precise positioning for heavy machinery and equipment.

Technical Specifications

Load Capacity Range

10 MT

Minimum Capacity

60 MT

Maximum Capacity

Available Configurations

- 4-Module System (10MT - 30MT capacity)
- 6-Module System (10MT - 60MT capacity)

Operational Features

Safety & Performance

No-Spark Operation, Floor Protection, No-Mark Movement, Omnidirectional, High-Safety Environment Compatible

Power Source

Compressed Air

System Components

Included Components

| Component | Function |
|-----------------|------------------------------------|
| Air Modules | Floatation units (4 or 6 modules) |
| Control Console | Regulates airflow to modules |
| Main Air Tubes | Primary air supply |
| Vice Air Tubes | Distribution to individual modules |