

Air Caster Rigging System for Heavy Load Movement

Air caster rigging systems offer a capacity from 10T to more than 100T and can be customized as required. The system is designed for moving heavy-duty loads and includes air bearing casters, air hoses, a control unit, and air distribution manifolds.



Product Overview

Heavy Load Movement Technology

This air caster rigging system utilizes advanced air bearing technology to float heavy loads on a thin film of air, enabling smooth and omnidirectional movement with minimal effort. Designed for industrial and manufacturing environments, the system operates using compressed air, eliminating harmful exhaust and providing a spark-free, safe solution for high-precision positioning. The modular design ensures stability, with the system requiring a minimum of four modules to safely transport heavy equipment.

Technical Specifications

Diaphragm Material	Complete urethane
Power Source	Compressed air
Safety Features	No-spark, No harmful exhaust, High-safety compliant

Operational Requirements

Available Configurations

- 4-module system
- 6-module system

Minimum Modules for Stability	4 modules
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System Components

Included Components

- Air bearing casters
- Air hoses
- Control unit
- Air distribution manifolds