

Air Casters for Damage-Free Material Handling

Air casters use a thin film of air to float heavy loads, allowing movement with minimal effort and without marking floors. These systems allow for smooth and precise movement in any direction, making them ideal for moving heavy machinery and equipment.



ADDITIONAL IMAGES



Product Overview

Advanced Air Film Technology

Air casters are specialized material handling devices designed to float heavy loads on a thin film of compressed air. By eliminating direct contact with the floor, they provide nearly frictionless movement, allowing for precise, omnidirectional positioning of heavy machinery and equipment. This technology is the optimal solution for industrial environments where floor protection, minimal vibration, and labor-saving operation are paramount.

Key Features

Operational Benefits

- Friction-free transport
- Damage-free floor protection
- Labor-saving operation
- Omnidirectional movement
- Low vibration and noise levels
- Ideal for cleanroom environments

System Components

Component Overview

Component	Function
Air Bearing Modules	Create air cushion under load
Control Console	Regulates airflow to individual skates
Pneumatic Hoses	Distributes air from console to skates

System Components

Air Bearing Modules, Control Console, Pneumatic Hoses, Air Pressure Regulators, Quick-connect Fittings