

Air Bearing Casters for Machine Tools and Transformers

Air bearing casters are designed for moving heavy machinery, machine tools, and transformers. These systems use compressed air to create a thin layer of air between the load and the floor, allowing for near-frictionless movement.



ADDITIONAL IMAGES



Product Overview

Advanced Load Transport Solution

Air bearing casters provide a highly efficient, near-frictionless method for moving and positioning heavy loads such as machine tools and transformers. By utilizing compressed air to create a thin film between the load and the floor, these systems allow for omnidirectional movement with minimal effort. They are an ideal solution for specialized industrial environments, including cleanrooms, where precise handling and floor protection are critical.

Operational Features

Operational Simplicity	Yes
Maintenance Requirements	Low maintenance costs
Construction Height	Extremely low profile

Applications

Primary Industry Sectors	Aviation, Aerospace, Railways, Nuclear Energy, Theatre Production, Cleanrooms
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System Configuration

System Components

- Air bearings
- Air hoses
- Control unit

Typical Module Configuration	4 or 6 air modules
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