

Pneumatic Air Casters for Load Movement

Air casters are pneumatic lifting devices designed for moving heavy loads on smooth surfaces. Inflating a flexible air bladder beneath the load creates an air cushion, minimizing friction for easy movement.



Product Overview

Precision Load Movement

These pneumatic air casters, also known as air bearings or air skates, are designed to facilitate the movement of heavy loads across smooth surfaces with minimal friction. By utilizing a flexible air bladder system, they create an air cushion that lifts the load, ensuring smooth, vibration-free transport. This technology is ideal for delicate equipment, large printing machinery, and environments requiring spark-free operation.

Common Industry Terms

Air Bearings, Air Skates, Air Rollers, Air Powered Moving Roller, Air Bearing Movers

Technical Details

Operational Advantages

- Vibration-free movement to protect sensitive equipment
- Spark-free operation for safety-critical environments
- High precision for large or delicate machinery
- Friction-reducing air cushion technology

Ideal Use Cases

Precise Instruments • Large Printing Equipment • Armarium • Spark-sensitive Areas

Model Series

AH