

Pneumatic Air Bearing Turntable

Air bearing casters are designed for use in areas inaccessible to forklifts, cranes, and overhead lifts. Pneumatic air bearing turntables utilize a thin layer of air to float and move heavy loads with minimal friction.



Overview

Advanced Air Bearing Technology

Pneumatic air bearing turntables are specialized material handling systems that utilize a thin layer of air to float and move heavy loads with minimal friction. These systems are ideal for applications requiring high precision and minimal effort in moving heavy objects, such as in manufacturing, assembly lines, and cleanroom environments. By distributing the load evenly, they allow for smooth, precise movement in any direction, often enabling manual operation without the need for tow vehicles or winches.

System Components

Included Components

- Air bearings (pads)
- Control unit
- Air hoses
- Control box with multiple outlets

Operational Capabilities

Typical Environments

Manufacturing • Assembly Lines • Cleanrooms • Rigging & Machinery Moving

Key Operational Benefits

Low Friction, Manual Operation Possible, High Precision, Versatile Load Positioning, Heavy Duty

Technical Details

Design Specifications

Feature	Description
Load Handling	Any weight and shape
Movement	Omnidirectional
Control	Independent air lines