

Air Bearing Turntable for Smooth Load Movement

Air bearing turntables are designed for moving heavy loads with ease and precision. These turntables utilize a thin layer of air to float the load, reducing friction and allowing for smooth movement in any direction.



Overview

Precision Load Handling

Air bearing turntables are engineered for moving heavy loads with exceptional ease and precision. By utilizing a thin layer of air to float the load, these systems drastically reduce friction, allowing for smooth, omnidirectional movement. This technology is ideal for applications where precise positioning and minimal vibration are critical, such as moving large medical equipment in hospital environments.

System Components

Included Components

- Air bearing modules
- Control unit
- Air hoses

Technical Construction

Material Construction

Steel, Aluminum, Flexible air bladder

Operational Features

Operational Advantages

Low friction • Omnidirectional movement • Minimal vibration • Easy to operate • Low force requirement

Safety & Efficiency

Yes