

# Air Bearing Casters for Cleanroom Machinery Movement

These air bearing casters enable the movement of heavy loads using a thin film of air. This system includes four air bearing casters and a control unit to regulate air pressure.



## Product Overview

### Cleanroom Machinery Movement Solution

These air bearing casters are designed for the efficient and safe transport of heavy machinery, particularly in sensitive cleanroom environments. By utilizing a thin film of air to float loads, they eliminate the friction and debris associated with traditional wheels. This system offers a noise-free, spark-free, and exhaust-free operation, making it an ideal energy-efficient tool for modern manufacturing facilities.

## Key Features

### Operational Advantages

- No sparks, no exhaust, and no noise
- Reduces transportation costs
- Suitable for various machine shapes
- Cleanroom-compatible (no dust or debris)

## System Components

### Included Components

4 Air Bearing Casters, Control Unit, Connecting Hoses

## Technical Details

### Movement Mechanism

The system utilizes a control unit to regulate air pressure to each individual caster, enabling precise and controlled movement of heavy loads on a thin film of air.