

Pneumatic Air Casters for Heavy Load Movement

Air casters facilitate the movement and handling of items on production lines, and aid in the repair of exchangers, machine tools, and transformers. These pneumatic lifting devices employ compressed air to create a thin air layer, allowing heavy loads to float and be easily maneuvered.



Overview

Precision Load Movement

Pneumatic air casters are advanced lifting devices designed for moving heavy loads with minimal effort. By utilizing compressed air, these systems create a thin film between the load and the floor, allowing for omnidirectional movement and precise positioning. They are an ideal solution for industrial environments where traditional wheels are unsuitable due to space constraints, floor sensitivity, or extreme weight.

System Components

Included Components

- Air bearings
- Control unit with pressure gauges and valves
- Connecting hoses
- Rigid mounting frames

Performance Features

Control Features

1 per bearing

Independent Pressure Adjustment

Movement Capabilities

Omnidirectional, Precise Positioning, Low Effort, Smooth Movement

Applications

Best Suited For

Heavy Industrial • Manufacturing • Floor Sensitive Areas