

Air Bearing Load Moving System

Air bearing casters facilitate the movement of heavy loads with minimal friction. Compressed air creates a thin air film between the load and the floor, enabling smooth movement.



Overview

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This air bearing load moving system utilizes compressed air to create a near-frictionless film, allowing for the steady and efficient transport of heavy machinery and delicate equipment. Designed to protect floor surfaces from marks and damage, the system is an ideal solution for industrial and manufacturing environments. The setup includes multiple air bearing modules, hoses, and a control unit, offering a cost-effective and durable method for heavy-duty rigging.

Performance Metrics

Load Capacity (Metric)

32 tons

Capacity Option 1

48 tons

Capacity Option 2

Load Capacity (Imperial)

704000 LBS

Capacity Option 1

105600 LBS

Capacity Option 2

Technical Features

Included Components

- Air bearing modules
- Hoses
- Control unit with pressure gauges
- Connection fittings

Power Source

Compressed Air

Operational Benefits

Key Advantages

Floor Protection, No Floor Marking, Near-Frictionless Movement, Cost-Effective, Long Service Life