

Air Load Moving System

Air load moving systems facilitate the lifting and movement of heavy loads using compressed air. These systems are designed to create a thin layer of air between the load and the floor, allowing movement in any direction.



ADDITIONAL IMAGES



Overview

Precision Load Handling

Air load moving systems are designed to facilitate the smooth, omni-directional movement of heavy equipment and machinery. By utilizing compressed air to create a near-frictionless environment, these systems allow for precise placement of heavy items even in constrained spaces. They are an essential tool for plant relocation, assembly line reconfiguration, and the maintenance of bulky industrial components.

Performance

Load Capacity Range

1 ton

Minimum Capacity

50 ton

Maximum Capacity

Key Features

Omni-directional, Near-frictionless, Even weight distribution, High precision, Stable

Applications

Typical Applications

- Assembly to shipping transport
- Plant startup and relocation
- Machine tool alignment
- Heat exchanger maintenance
- Transformer repair
- Production line reconfiguration

System Components

Included Components

- Air bearings / Air skates
- Control unit
- Air hoses
- Load modules

Compliance

Compliance & Quality

Industrial Grade • 20+ Years Experience