

Air Film Load Transporters

Air film transporters solve heavy-duty load movement problems across industries, enhancing safety and ease. These systems enable a small team to move loads weighing multiple tons.



Overview

Air Film Load Transporters

These air film load transporters utilize a thin layer of compressed air to float heavy loads, enabling omnidirectional movement with minimal physical effort. Designed for safety and precision, the system allows a small team to move multi-ton loads easily while protecting floor surfaces from damage. With a low profile of just 50mm, these transporters are suitable for heavy-duty applications across manufacturing, aerospace, and sensitive industrial environments.

Technical Specifications

System Height	50 mm
Floor Requirements	Flat, Level, Concrete, Dry
Load Handling	Omnidirectional movement for any shape, size, or weight

System Components

Included Components

- Air bearings
- Control unit
- Connection hoses

Control Unit Features

Multiple valves for independent control of each bearing

Applications

Suitable Industries

Manufacturing • Aerospace • Cleanroom • Heavy Equipment