

Air Film Load Transporters

Air film transporters utilize air bearings to float heavy loads on a thin layer of air. This allows for smooth, omnidirectional movement of items in industrial settings.



Overview

Air Film Load Transporters

Air film load transporters utilize advanced air bearing technology to facilitate the smooth, omnidirectional movement of heavy industrial equipment. By creating a near-frictionless surface using a thin layer of compressed air, these systems protect sensitive flooring and delicate machinery from vibration and damage. This solution is environmentally friendly, relying solely on compressed air as a power source to ensure clean, pollution-free operation in demanding environments.

Performance Specifications

Load Capacity Range

10 tons

Minimum Capacity

48 tons

Maximum Capacity

Environmental Impact

Eco-friendly • No pollution

Power Source

Compressed Air

Design & Application

Key Features

- Compact and simple structure
- Easy to operate
- Floor protection for cleanrooms
- Vibration protection for precise equipment
- Omnidirectional movement

Ideal Applications

Cleanrooms, Heavy load moving, Manufacturing facilities, Warehouses