

Air Bearing Load Moving System

Air skates utilize compressed air to enable omnidirectional movement of heavy loads. The system includes air bearing modules, air hoses, and a control panel for regulating air pressure.



Product Overview

Air Bearing Load Moving System

This industrial-grade load moving system utilizes advanced air bearing technology to facilitate the omnidirectional movement of extremely heavy loads. By creating a thin, pressurized layer of air between the load and the floor, the system allows for near-effortless transportation of heavy machinery and structures. Designed for manufacturing plants and warehouses, the system includes modular air bearing units, precision control panels, and necessary pneumatic connections for safe, balanced operation.

Technical Features

Movement Capability	Omnidirectional
Operating Principle	Compressed air cushion (Air bearing/Air caster)

System Components

System Components

- Air bearing modules (square or circular)
- Compressed air hoses
- Pressure regulation control panel

Applications

Best For	Heavy Machinery, Industrial Equipment, Large Structures, Manufacturing Plants, Warehousing
----------	--