



Do You Need To Move Heavy Equipment?



Hovair's Solutions Are:
Affordable, Portable, Safe, & Eco-Friendly

HOVAIR SYSTEMS

Moving Equipment For Any Situation

For over fifty years Hovair Systems has produced moving equipment that provides solutions for problems of any shape or size. Our Air bearing systems can move machinery with ease.

Portable:

Go where cranes can't. **Air bearing kits** are conveniently packaged with everything you need to move cumbersome objects. They are a low-profile solution that allow a single operator to move thousands of pounds of equipment.

Affordable:

Pound-for-pound, Air bearing systems are unmatched in their moving ability. This equipment provides many cost-saving benefits such as: updating your facility, improving work flow, and reducing the need to hire rigging contractors or rent heavy machinery.



Safe:

Air bearings are used to float heavy machinery. Simply place four or more bearings beneath the profile of an object, and supply compressed air. Once floated, a single operator can glide bulky equipment at a walking pace. Air bearing systems eliminate the need for straps or cranes, and reduce the risk of toppling. Modules will gradually decompress to a resting state when air supply is discontinued.

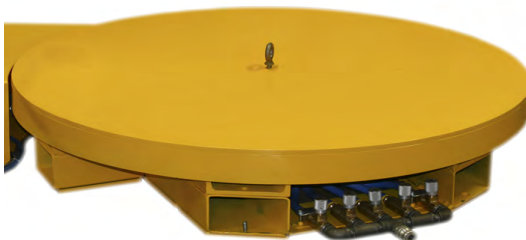
Eco-Friendly:

Reduce your carbon footprint along with those workplace hazards. Air bearings don't use fossil fuels, meaning no emissions from harmful pollutants. You will also enjoy less-mess, and reduce the amount of waste created by using grease or other lubricants.



In this photo an expensive machine is being moved using an air bearing system. The yellow bearings underneath will support the weight of the load as they move across the facility floor.

HOVAIR PRODUCTS



Round Steel Modules

Air bearings provide frictionless motion to heavy objects by channeling the power of compressed air. The process typically requires an air supply of 90-110 psi. The air enters and inflates the bearing, then lifts the module away from the ground as air escapes. Because of their durability, round steel modules are perfect to be permanently fixed to heavy machines.

Square Aluminum Modules

Square aluminum modules are a lightweight solution that offers improved ease of handling. Functionally they offer the same moving ability as round modules, but at a lower profile, requiring only a 2 inch floor clearance. These air bearings are perfect for quick rigging jobs.

Aluminum Air Beams

Lightweight Hovair aluminum air beams are easily inserted under a heavy load for an effortless move to any designated spot. The low profile requires only a 2 inch floor clearance. The beam lengths vary from 4 to 13 feet depending on the size and type of load to be moved. Beams are generally used where load length varies while width remains the same.

Industrial Turntables

Turntables are an inexpensive solution for positioning needs in assembly & manufacturing facilities. They improve work flow, save time, and reduce worker fatigue. Aside from rotation functions, turntables can also be fitted with lifting equipment. They are easily moved via forklift, and then bolted into place. Turntables are available in unlimited size and weight capacities.

Hovair Air Bearings Are Efficient Movers Of Heavy Loads

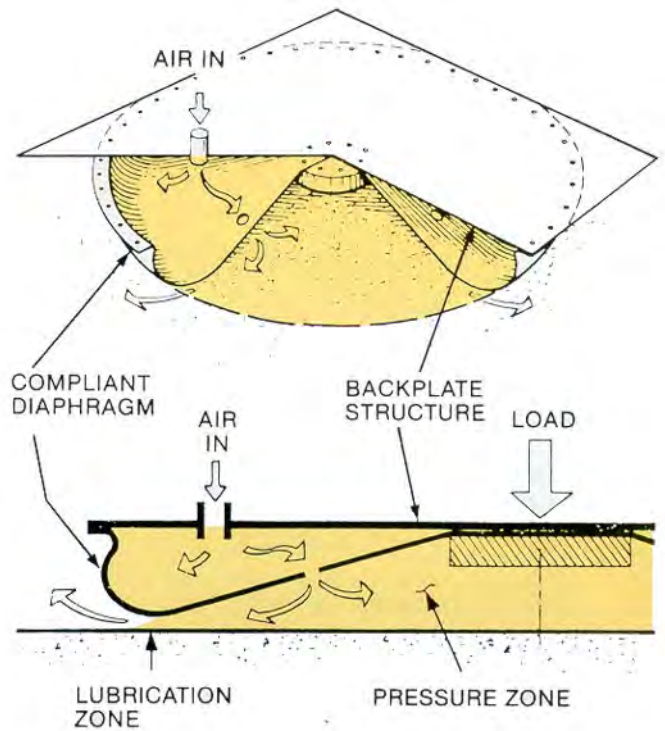
For over fifty years various industries have found they can move cumbersome equipment faster and easier on frictionless air. Moving heavy loads on air is a clean, quiet, and safe process that will not damage floors. One pound of force will move 1,000 pounds of load, allowing one individual to move several tons with complete control.

Precise Positioning Of Equipment

Hovair Products enable you to move equipment to an exact location. Their omni-directional capabilities conveniently align loads to designated areas within a limited space. Positive control of the air allows the operator to move the equipment easily and without damage. The low profile of the system requires less than 3 inches of clearance.

Various Configurations For Particular Jobs

Air systems support loads by evenly distributing multiple air bearings beneath the profile of a heavy object. Additional bearings are easily added to the overall system to meet varying demands. Hovair products include: Air Bearing Modules, Transporters, Air Beams, Turntables, and more.

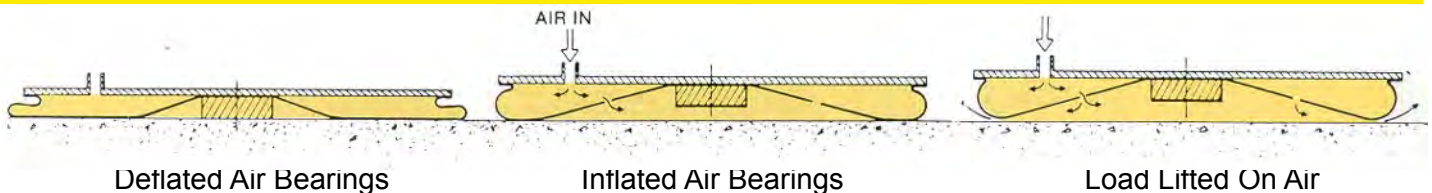


Unlimited Capacities

Hovair provides moving solutions of any shape or size. Any load can be accommodated with the right number of air bearings. Our standard 4-station kits start at 3300 lbs, and scale up to move loads in excess of 528,000lbs. Need more capacity? Add more air bearings!

Economical to Maintain

Unlike other moving equipment, air systems do not require expensive installation costs or extra support for the floors. There are no fuel costs, and no moving parts to maintain. Air handling systems are a long-lasting moving solution that will provide exceptional ability for years to come.



Steel Transporters

Moving on air is the most efficient method of material handling on the market today. Steel Transporters can move many tons of load with a little shop air and very little manpower. Save money with the low initial cost of the equipment, very low operating cost, and even lower maintenance costs. Each air cushion operates independently, allowing for off-center loading when required. Drives, guides, and special above deck attachments can be added to fit your needs.



Aluminum Transporters

Hovair Transporters are also available in aluminum with all the same capabilities for lifting and moving loads. There are some advantages to using aluminum, including: lightweight construction; a low profile of 2 inches; resistance to corrosion, and spark-free & anti-magnetic properties for added safety. Air Transporters provide you with low cost omnidirectional movement that is energy efficient.



Industrial Jack Mounted on Air Bearings

Heavy duty industrial jacks mounted on air bearings are generally for long distance moving out-of-doors on wheels. The jacks lower the bearings level to the floor for the final movement. They are widely used in the aerospace industry for moving maintenance stands and scaffolding for more precise, careful positioning.



Hovair Controls

The operator always has complete control of the air, and the move, with the positive control console. Simply connect the air supply hoses to the air bearings, place them under the load for proper balance & support, connect the hoses to the air source, and begin your move! The control console gives you a constant reading of air pressure under each bearing. Custom controls are also available.



Other Hovair Products Include Private & Commercial Vehicle Turntables



Above Left: shows an aircraft-turntable installed in a private garage. These turntables are both functional, and great for display purposes.

Above Right: shows an in-ground turntable that has been installed into a property where space is tight and turning is almost impossible.



Left: shows a commercial unit turning a 40 foot truck in a warehouse with no turning or yard space. These turntables are ideal for companies located in a dead end street.

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