

## Air Powered Load Moving Equipment to the Material Handling Industry

### ROUND STEEL AIR BEARING SYSTEMS

**AIR BEARING SYSTEMS** are the least expensive and most efficient way of moving heavy loads in today's industrial environment. Using compressed air, the air bearings lift off the floor and subsequently float the load away from the floor area. From then on, it's simply a question of steering the load to its destination.

**A SYSTEM IS FORMED** by incorporating air bearings into round steel modules, and generally used in sets of 3 or more, depending on the size, weight and shape of the load to be moved. Add some air hose, couplings, a valve or two, and you have an effective air bearing system which is capable of moving loads of up to 120 tonnes and more. Our heavy duty systems can move loads of unlimited weight and capacity.

**FLEXIBILITY** is one of the most important features when considering an AirGlide round steel air bearing system. Not only do you have equipment that can lift and move tremendous weights, you also have a system that can easily adapt to suit the properties of your load: weight, shape, size, and uneven weight distribution. Round steel modules are the ideal solution for moving heavy machinery.

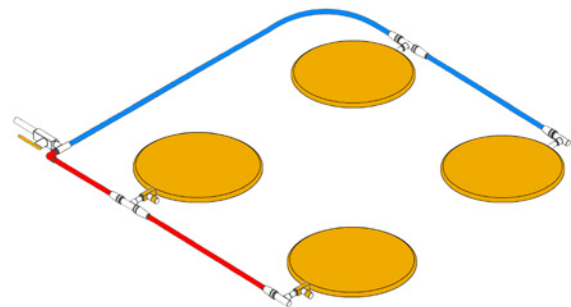
**COST-EFFECTIVE OPERATION** is also a major player to factor into your load moving plans. Companies that already have compressed air facilities can use these systems virtually free of operating costs - except for the generating of the compressed air. Very few moving parts will ensure longevity and few repair bills.

Here are some of the tremendous benefits to using a "Toolern-supplied" AirGlide air bearing system:

- Quiet, inexpensive and efficient load moving
- Easily move loads up to 120 tonnes and more
- Choice of steel or aluminium skate modules
- Economical to install and maintain
- Low profile modules - only 50 & 75 mm heights
- Choice of remote control or manual operation
- Uses regular compressed air - 5 to 7 bar
- Ideal for machinery moving applications
- Will not damage floors
- **Environmentally friendly - no exhaust fumes**
- Easy to operate - no fatigue to worry about
- Anyone can use - guys, gals, even the boss



An AirGlide round steel air bearing system



A typical round steel air bearing system footprint



Top and bottom views of a round steel module with air bearing

Please do not hesitate to contact us to discuss any questions you may have regarding your load moving requirements. We are sure to have solutions for your particular needs.

Contact Toolern Engineering Supplies - Your AirGlide Dealer

For comprehensive information on air film technology and how air bearings work, check out the manufacturer's web site: [www.hovair.com](http://www.hovair.com)

Contact Your  
Local Dealer

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