

Air Powered Load Moving Equipment to the Material Handling Industry

Air Powered Lifting Jacks

Heavy Duty Lifting Jacks are an ideal way of temporarily lifting a heavy load to allow it to be levelled or moved to a different position. A typical load could be a piece of machinery, or a scaffolding unit.

An air lifting jack consists of a strong round steel module, complete with fitted air bearing, which has a lifting and cranking mechanism attached. Also attached is an adjustable mounting plate to allow the lifting jack to be permanently fitted to the load.

These lifting jacks are invaluable when moving heavy machines or scaffolding across delicate floors to protect them from damage from the load's own wheels or built-in feet. Alternately, they are the perfect solution for loads that need to be levelled before they can be used or operated.

Here's some of the benefits that come with using AirGlide Systems Air Powered Lifting Jacks:

- ▶ Air skate modules: 305mm to 1016mm diameter
- ▶ Easy crank-handle lifting
- ▶ Lift stroke from 127mm to 381mm
- ▶ Lift capacity from 500 to 14,000 kgs
- ▶ Slot for forklift on larger jacks
- ▶ Permanent attachment plates
- ▶ Built-in air bearings and valves
- ▶ Air bearings easily replaced if damaged
- ▶ Replacement air bearings always available
- ▶ Superb AirGlide Systems backup support



Above: A typical air powered lifting jack complete with load mounting plate and cranking handle. Note the air flow control valve for air bearing adjustment.

Below: The underside of an air lifting jack showing the air bearing diaphragm and its load pad..



Contact us to discuss any questions you may have. We are sure to have solutions for your particular needs.

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

Contact Your
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