

INDUSTRY

Machine Tools/
Automation
Equipment



Transport machine tools and automation equipment fast and safely

AeroGo load moving systems are a proven method to move oversized, awkward, unbalanced or heavy components on the shop floor, the production line and when installing EDM into a manufacturer's technical training center. Machine tools, flexible manufacturing systems, CNC, EDM, welding equipment, plasma-arc and laser systems, presses, die molds, robots and all types of automation equipment benefit from the smooth movement provided by Aero-Casters. Aero-Casters utilize available compressed air to reduce floor load and safely maneuver through aisle ways and constricted spaces.

Low Friction, Unrestricted Movement. Air casters lift and float any size load via nearly frictionless movement, making it possible to maneuver in an unrestricted manner in all directions to precisely position a component in its final location.

Reduce Downtime. Air casters have proven to reduce plant downtime by at least 50% compared to overhead or boom cranes, lift trucks, rollers, or wheel systems.



Low Maintenance. Systems operate on standard compressed air. Very few moving parts ensure very low maintenance costs.

Adaptable. Air caster systems easily adapt to any load configuration. Even unbalanced and irregular loads can be managed by appropriate placement of air casters.

Prevent Damage to Floors. Air casters distribute heavy loads over a large surface area, achieving low floor loading levels

impossible to attain using skates, rollers, wheels or other conventional methods. Air casters do not create pits or scrapes in the floor surface.

Safety. Nearly frictionless movement reduces operator strain and injury compared to any other available load movement methods.

Since 1967, AeroGo products have helped move and position equipment of all sizes and weights, safely and efficiently.

Application:

Reposition CNC in factory environment

Load: 13,000 lbs.

AeroGo Advantages:

- Reduced plant downtime: moved in minutes instead of hours
- Reduced manpower required to move and position equipment
- Air casters move in a precise and controlled manner, easily maneuvering through non-fixed travel paths in confined spaces
- Air casters distribute load evenly and easily; eliminates floor load concerns
- Much safer than wheels, rails, or cranes

**Application:**

Install EDM into precision machine shop production line

Load: 14,000 lbs.

AeroGo Advantages:

- Does not damage epoxy floors
- Less manpower required to move machines
- Easy to learn how to operate the system, intuitive
- Configurable to move a wide variety of loads
- Quiet and safe

**Application:**

Move and position CNC router

Load: 90,000 lbs.

Solution: Engineered Aero-Drive system

AeroGo Advantages:

- Machine dimensions 15' long, 10' high and 8' wide
- Two people easily moved the machine in a controlled manner
- Aero-Drive with quick attach plates
- Flexible system to use with multiple and varied loads

