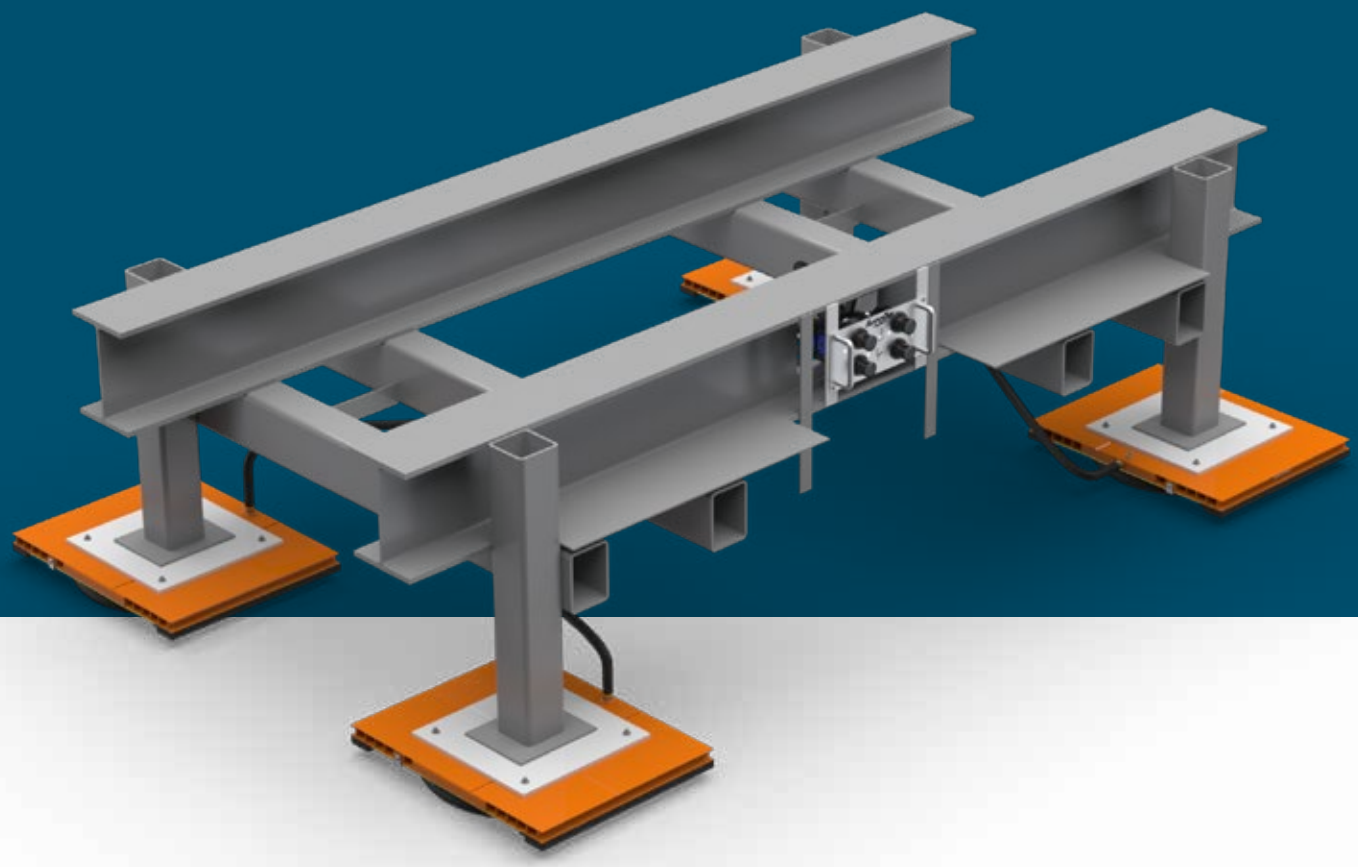
EMBEDDED AIR CASTER SYSTEMS

THE ULTIMATE MOBILITY OPTION

INTEGRATE AIR BEARINGS INTO YOUR EQUIPMENT OR TOOLING



AeroGo

Innovative Load Moving Solutions

THE ULTIMATE MOBILITY OPTION

AeroGo Embedded Air Caster Systems

Companies desire the flexibility to move tooling, machinery and equipment to optimize floor space, make production more flexible and reduce downtime and increase profitability. That's why AeroGo offers Embedded Air Caster Systems. The integrated system provides the ultimate capability to adapt and flex to ever-changing manufacturing configurations.

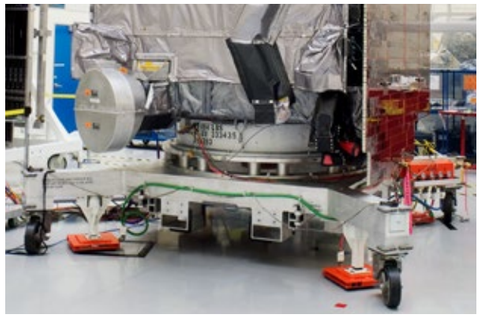
Floating on air: how air casters work
Air caster systems utilize compressed air to lift and float heavy machines, structures and tooling and even turn 360° within their own footprint. The technology works similar to a puck on an air hockey table, in that it eliminates friction – making heavy loads easy to move – and it floats the load on the surface without damaging the floor. This material handling method is inherently safe to operators due to very low lift height and reduced friction/low chance of strain.

Embedded air bearings have applications in every industry including:

- Aerospace
- Biopharma
- Manufacturing
- Marine
- Entertainment
- Semiconductor
- Nuclear
- Oil & gas
- Vehicle assembly

Engineering design models are available online at: **www.aerogo.com/products/embedded-systems**

Any structure with feet, wheels or a solid base can be designed with an Embedded Air Caster System



Embedded air bearings eliminate floor damage from wheeled casters

Adding air caster capability makes OEM machinery, tooling and equipment infinitely more mobile and flexible

EMBEDDED AIR CASTER BENEFITS

Reduce Downtime & Costs

- Easily reposition equipment and work stations in a matter of minutes
- Rigging and setup are eliminated
- Manufacturers can flex and optimize their operations as needed

Embedded Technology

- The AeroGo embedded air bearing system is permanently mounted into the tool, machine or structure
- Sized to fit standard tooling and equipment feet or replacing wheeled casters
- Embedded systems serve as permanent rigging
- Air casters are ASME B30.1 compliant

Design Integration

- Immediate access to online models at www.aerogo.com/products/embedded-systems
- System includes air bearing modules and an integrated control console for adjustable air control for offset loads

Increase Overall Value

- Be first in your industry to offer advanced technology that makes your equipment more useful and mobile
- OEM's can differentiate your products from the competition

Typical Applications

- Machine tools
- Work stands
- Tooling
- Processing equipment and lines

KEY FEATURES

Embedded Air Caster Systems

- Embedded systems can serve as permanent rigging
- Standard sizes fit most tooling applications
- Reliable tooling transportation immediately after install
- Durable componentry built from aerospace quality aluminum
- Air casters are ASME B30.1 Compliant

Models

- Downloadable models make it simple to be first in your industry to offer advanced technology
- Works with wheeled casters, footers, solid bases, stantions, etc.
- Integrate the models into your tool, machinery, or equipment design
- Seamless interface is high value for the customer
- Make your tooling even more useful and mobile
- Offer your customers the ultimate flexibility to reposition with minimal downtime
- Minimal design effort maximizes revenue and usability
- Differentiate OEM equipment from competitors

Engineering design models are available online at:
www.aerogo.com/products/embedded-systems

EMBEDDED AIR CASTER SYSTEMS

Increase OEM Equipment Value

Embedded air caster systems provide customers on-demand mobility to easily reposition equipment on the fly. A minimal design effort provides maximum revenue and usability. The seamless interface is high value for the customer and differentiates your OEM equipment from competitors.

Engineering design models are available online at:
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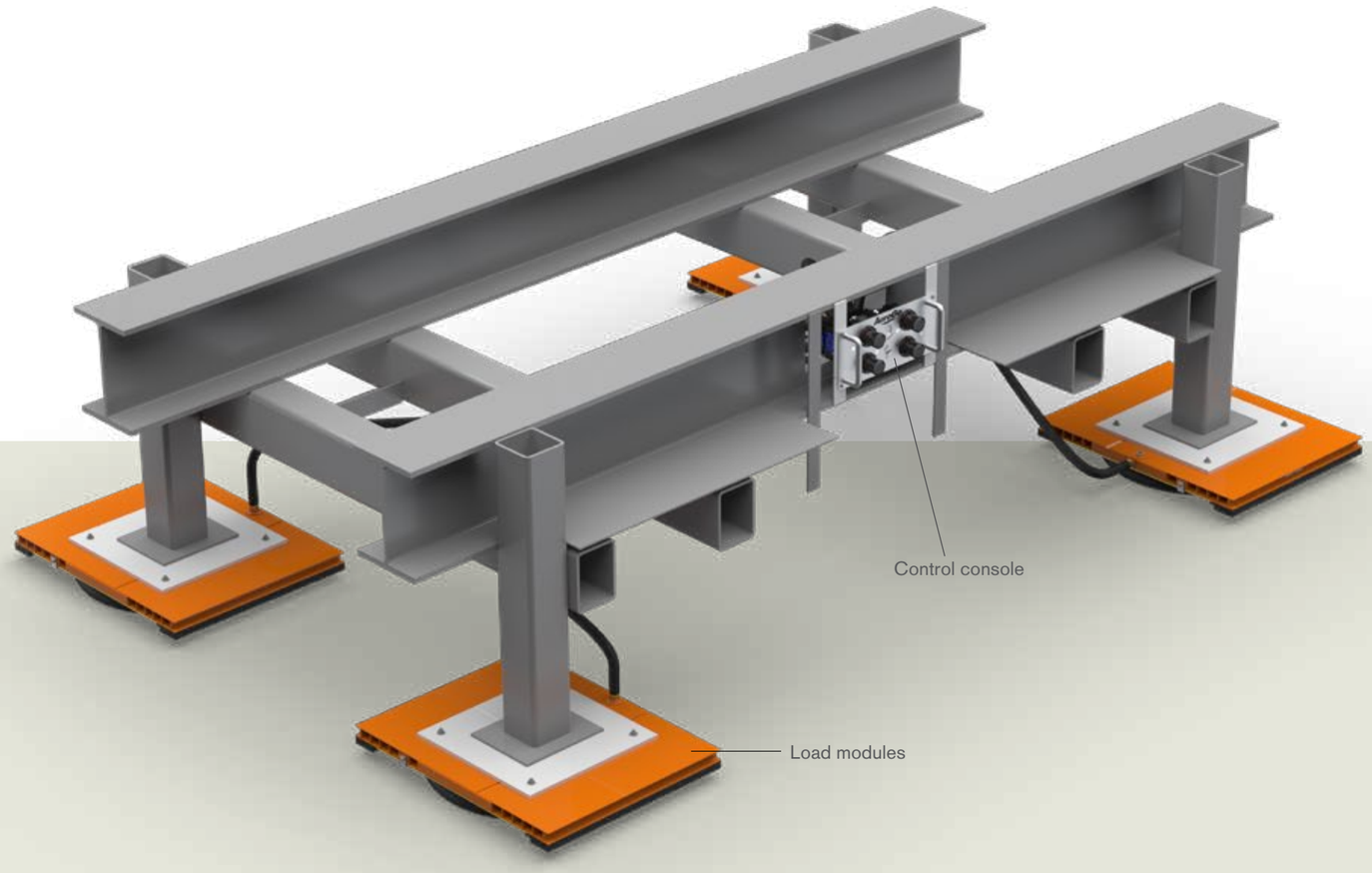
Safety Features

Set & Forget

- One-touch operator interface
- Built-in, preset regulators with lockable controls

Safety First

- Auto delay soft start greatly enhances safety
- Reduce or eliminate floor damage



EMBEDDED AIR CASTER SYSTEM SPECIFICATIONS

# of modules in kit*	Maximum System Capacity (lbs.)*	Load Module Size (in.)	Air Consumption (SCFM)**	Effective Lift (in.)	Model #
4	<20,000	12”	112	0.56	E412N
4	34,000	15”	140	0.69	E415N
4	64,000	21”	175	1.06	E421N
4	112,000	27”	336	1.38	E427N
6	<30,000	12”	168	0.56	E612N
6	51,000	15”	210	0.69	E615N
6	96,000	21”	263	1.06	E621N
6	112,000	27”	504	1.38	E627N

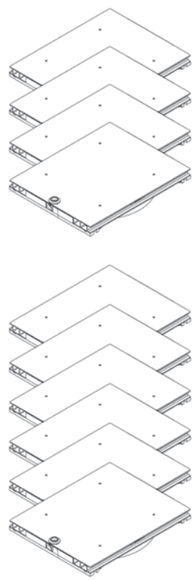
* Number of modules is the same as the number of load/support points. More support points available, contact factory.
** Air consumption is based on 100% load capacity plus a .75 safety factor
Systems include operations and installation manual

Engineering Design Models available online
www.aerogo.com/products/embedded-systems

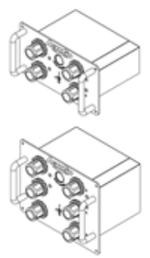
Durable components built with aerospace quality aluminum

EMBEDDED AIR CASTER SYSTEMS INCLUDE

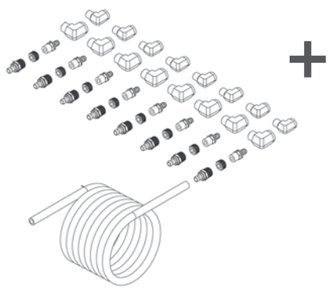
4 or 6 Load Modules



Control Console with 4 or 6 controls



Hose Installation Kit



Operations and Installation Manual

ABOUT AEROGO

AeroGo, Inc. is a proven world leader in the engineering, design, manufacturing and support of material transport systems. AeroGo products comply with ISO 9001:2015 quality standards and are CE compliant. AeroGo offers a full complement of support services throughout the world.

To discuss your specific application, contact a product application engineer at **1-800-426-4757** or email **info@aerogo.com**. Live chat is available at **www.aerogo.com**

QUALITY MANAGEMENT SYSTEM
ISO 9001:2015
CERTIFICATE FM588888

CE

AeroGo

Engineering design models are available online

www.aerogo.com/products/embedded-systems

AeroGo

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