

Purpose-built system for modular manufacturing



Integrated bump stop ensures proper location of air caster every time. Choice of 3" or 6" tall bracket.

AeroGo® Air Caster Rigging Systems utilize the efficiency of air casters, a fluid film technology, which uses compressed air to actually float modular structures on a near frictionless film of air.



DuraGlide air caster

Purpose-built for modular manufacturing Air Caster Rigging Systems are ideal for moving modular structures through all phases of assembly and production processes. The system easily accommodates relocation, rearranging and rotation of production lines. A robust product design features lightweight aluminum with a durable L-bracket to facilitate modular structure placement. Plus, a durable T-style fitting with built-in flow control ensures modular structures are uniformly lifted.

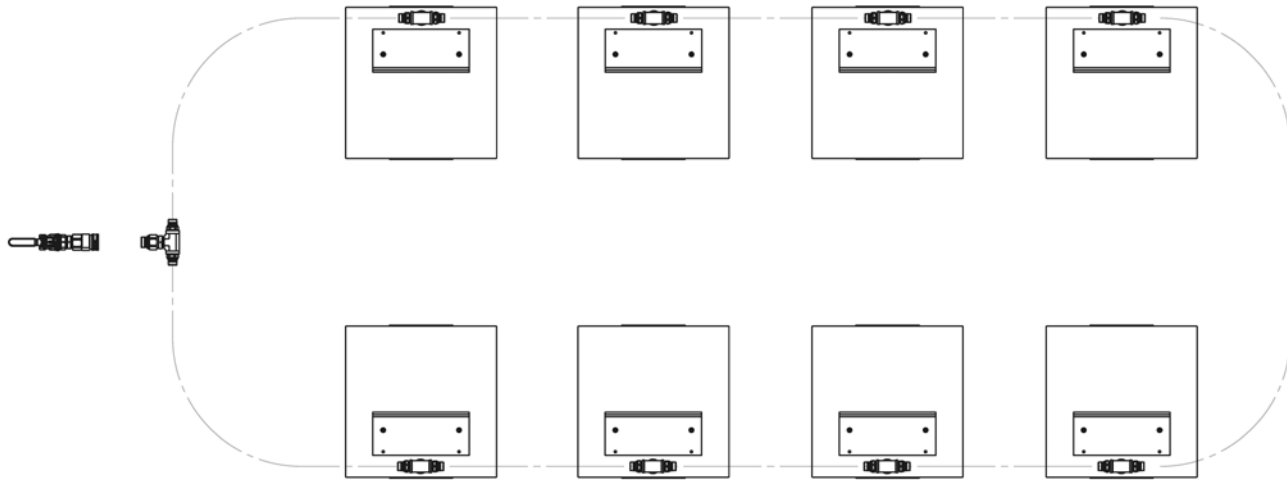
Versatile and efficient Air Caster Rigging Systems are simple to operate and extremely versatile. They can be configured to move a wide variety of structures. Load movement is smooth and omni-directional, making it easy to precisely place structures and equipment and maximize floor space. Systems can be utilized on standard factory floors.

Superior load distribution Air casters distribute load weight over a much greater surface area than rollers or wheels. This eliminates floor surface damage.

The most durable and lightweight module available Lightweight module reduces workplace injuries and makes setup fast and efficient.

Advantages to Moving Heavy Loads with Air Caster Technology:

- Low profile
- Low friction
- Economical and reliable
- Omnidirectional multi-positioning
- Flexible for a variety of applications
- Precise positioning without floor damage compared to traditional material handling equipment methods
- Ergonomic – reduces lift hazards
- Utilizes existing shop air
- Aero-Casters meet ASME specifications



Standard Specification

Model #	System Capacity (lbs)	System Air Flow @ Load (scfm)		Effective Lift (in)*	Air Caster Element Nominal Dimensions LxWxH (in)	Module Weight (lbs)
		1/4 Load	Full Load			
6 module systems						
6K21DL-MOD	51,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
6K21DL-MOD/Bracket	51,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
6K21DL-MOD/Riser Bracket	51,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
8 module systems						
8K21DL-MOD	68,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
8K21DL-MOD/Riser Bracket	68,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
8K21DL-MOD/Bracket	68,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
10 module systems						
10K21DL-MOD	85,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
10K21DL-MOD/Bracket	85,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26
10K21DL-MOD/Riser Bracket	85,000	8	14	.7	21 ¹ / ₈ x 21 ¹ / ₈ x 2 ¹ / ₂	26

*Effective Lift height is dependent on air flow. Consult factory for floor surface specifications.
System air inlet is 1-1/4" QD M. Each load module is connected by a 1" QD M

Recommended Options

Supply hose reel:

100'x1.25" ID air rewind

Spare Load Modules:

K21D-MOD
K21D-MOD/BKT
K21D-MOD/RB

Spare Caster:

49122 - 21D AERO-CASTER ELEMENT