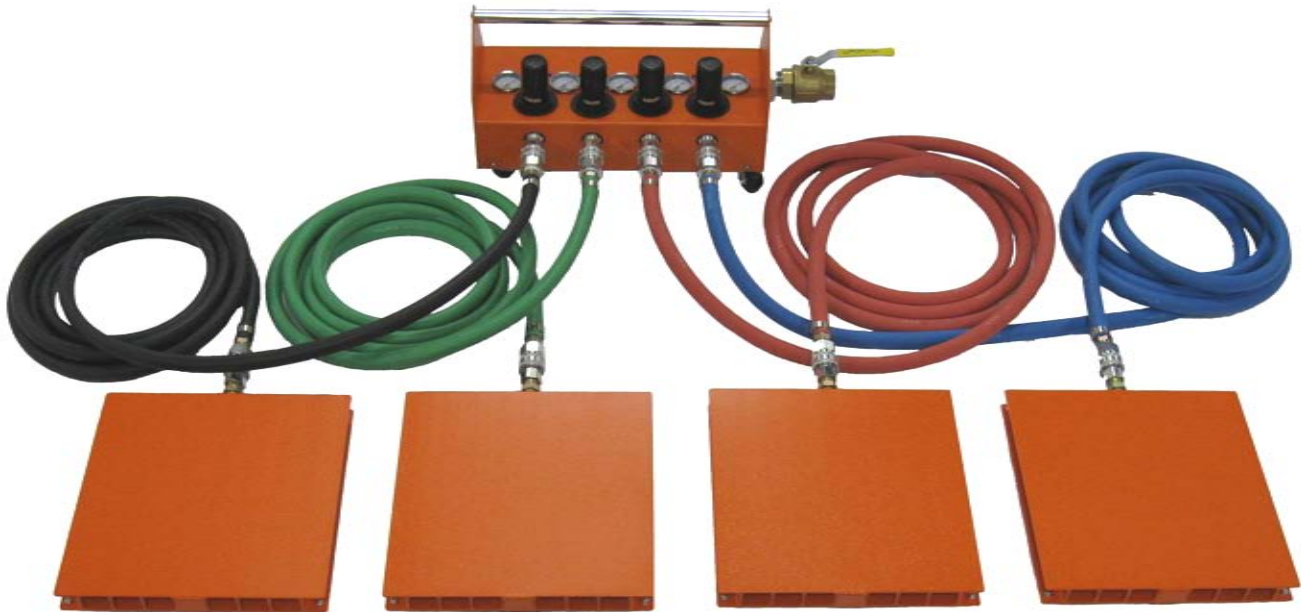




# Air Caster Rigging System



## Quickly Move 500 lbs. to Over 5,000 Tons

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

### Unlimited Applications

Air Caster Rigging Systems are ideal for moving massive loads from assembly to shipping, for plant start-up or relocation, jacking or rotating assemblies, precisely aligning machines over footings, rearranging production lines, or for the repair of large and bulky items such as heat exchangers, machine tools and transformers.

### Versatile and Efficient

Air Caster Rigging Systems are simple to operate and extremely versatile. Load movement is smooth and omni-directional, making it easy to precisely place heavy loads – even in tight spaces. Rigging Systems can be utilized in any work environment where there is an adequate floor surface. Even rough surfaces can be overcome by placing inexpensive overlay material to create a smooth travel path.

### Superior Load Distribution

Air casters distribute load weight over a much greater surface area than rollers or wheels. This eliminates floor surface damage and the need for specially reinforced floors.

### Easy to Implement and Inexpensive to Operate

AeroGo systems are more cost-effective than traditional load movement methods – and much easier to operate. Plus, there are no moving parts so maintenance costs are low.



*Air Caster Rigging System makes it easy to move machines like the unit shown above.*

### **Advantages to Moving Heavy Loads with Air Caster Technology:**

- Low profile
- Low friction; no floor damage
- Economical and reliable
- Flexible for a variety of applications
- Easy omnidirectional multi-positioning
- 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





# Air Caster Rigging System

Model	System Capacity (lbs) (1)	Number of Load Modules	Dimensions of each Load Module L x W x H (inches)	Lift Height (inches)	Recommended Air Volume (scfm) (2)
4K8NL	4,000	4	8-1/8 x 8-1/8 x 1-7/8	3/8	56
6K8NL	6,000	6	8-1/8 x 8-1/8 x 1-7/8	3/8	84
4K8NHDL	8,000	4	8-1/8 x 8-1/8 x 1-7/8	3/8	84
4K12NL	10,000	4	12-1/8 x 12-1/8 x 1-7/8	3/4	98
6K8NHDL	12,000	6	8-1/8 x 8-1/8 x 1-7/8	3/8	126
6K12NL	15,000	6	12-1/8 x 12-1/8 x 1-7/8	3/4	147
4K15NL	17,000	4	15-1/8 x 15-1/8 x 1-7/8	7/8	98
4K12NHDL	20,000	4	12-1/8 x 12-1/8 x 1-7/8	3/4	112
6K15NL	25,500	6	15-1/8 x 15-1/8 x 1-7/8	7/8	147
4K21NL	28,000	4	21-1/8 x 21-1/8 x 2	1-1/8	84
6K12NHDL	30,000	6	12-1/8 x 12-1/8 x 1-7/8	3/4	168
4K15NHDL	34,000	4	15-1/8 x 15-1/8 x 1-7/8	7/8	140
6K21NL	42,000	6	21-1/8 x 21-1/8 x 2	1-1/8	126
6K15NHDL	51,000	6	15-1/8 x 15-1/8 x 1-7/8	7/8	210
4K27NL	56,000	4	27-1/8 x 27-1/8 x 2-7/16	1-3/8	154
4K21NHDL	64,000	4	21-1/8 x 21-1/8 x 2	1-1/4	175
6K27NL	84,000	6	27-1/8 x 27-1/8 x 2-7/16	1-3/8	231
4K36NL	96,000	4	36-1/8 x 36-1/8 x 2-11/16	1-3/4	203
6K21NHDL	96,000	6	21-1/8 x 21-1/8 x 2	1-1/4	263
4K27NHDL	112,000	4	27-1/8 x 27-1/8 x 2-7/16	1-1/2	336
6K36NL	144,000	6	36-1/8 x 36-1/8 x 2-11/16	1-3/4	305
6K27NHDL	168,000	6	27-1/8 x 27-1/8 x 2-7/16	1-1/2	504
4K48NL	192,000	4	48-1/8 x 48-1/8 x 2-11/16	2-5/8	217
4K36NHDL	200,000	4	36-1/8 x 36-1/8 x 2-11/16	1-7/8	378
6K48NL	288,000	6	48-1/8 x 48-1/8 x 2-11/16	2-5/8	326
6K36NHDL	300,000	6	36-1/8 x 36-1/8 x 2-11/16	1-7/8	567
4K48NHDL	360,000	4	48-1/8 x 48-1/8 x 2-11/16	2-1/2	420
6K48NHDL	540,000	6	48-1/8 x 48-1/8 x 2-11/16	2-1/2	630

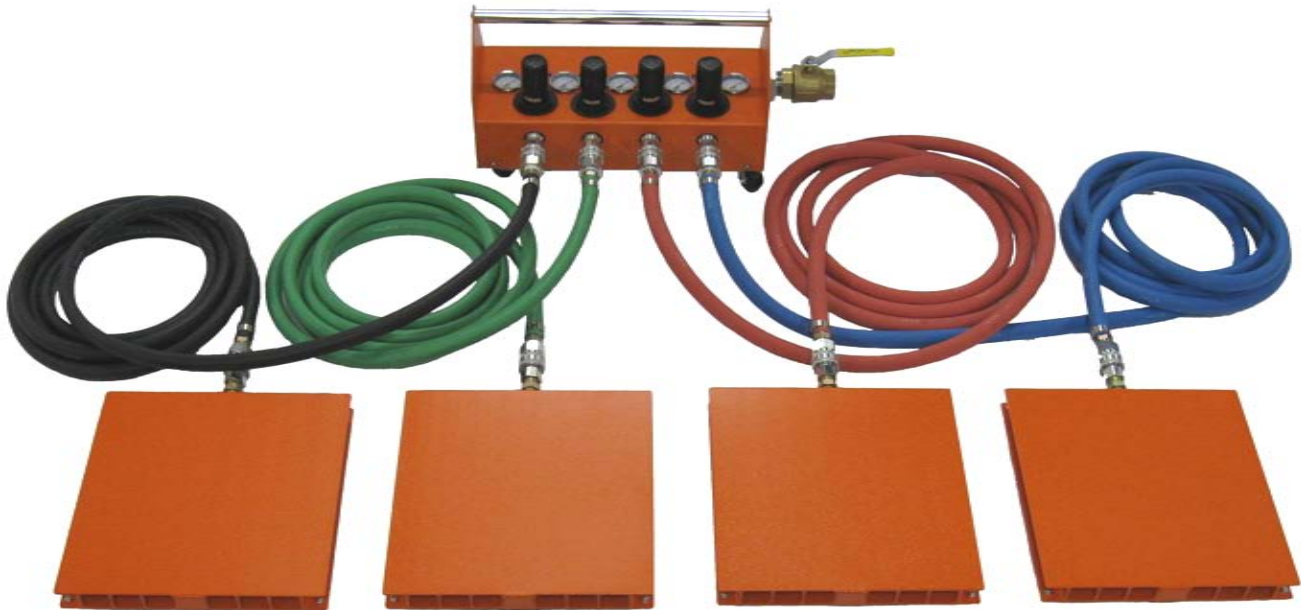
Recommended supply pressure: 90 psi

- (1) Load must be positioned so individual Aero-Caster capacities are not exceeded.
- (2) Maximum compressed air consumption on a smooth troweled and sealed concrete or equivalent surface. (Includes **large** Reserve Factor)





# Air Caster Rigging System



## Quickly Move 226 kg to Over 4535 Metric Tons

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

### Unlimited Applications

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### Superior Load Distribution

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### Easy to Implement and Inexpensive to Operate

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*Air Caster Rigging System makes it easy to move machines like the unit shown above.*

### Advantages to Moving Heavy Loads with Air Caster Technology:

- Low profile
- Low friction; no floor damage
- Economical and reliable
- Flexible for a variety of applications
- Easy omnidirectional multi-positioning
- 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





# Air Caster Rigging System

Model	System Capacity (kg) (1)	Number of Load Modules	Dimensions of each Load Module L x W x H (mm)	Lift Height (mm)	Recommended Air Volume (L/sec) (2)
4K8NL	1,814	4	206 x 206 x 48	10	26
6K8NL	2,721	6	206 x 206 x 48	10	40
4K8NHDL	3,628	4	206 x 206 x 48	10	40
4K12NL	4,535	4	308 x 308 x 48	19	46
6K8NHDL	5,442	6	206 x 206 x 48	10	59
6K12NL	6,803	6	308 x 308 x 48	19	69
4K15NL	7,710	4	384 x 384 x 48	22	46
4K12NHDL	9,070	4	308 x 308 x 48	19	53
6K15NL	11,565	6	384 x 384 x 48	22	69
4K21NL	12,698	4	537 x 537 x 51	29	40
6K12NHDL	13,605	6	308 x 308 x 48	19	79
4K15NHDL	15,420	4	384 x 384 x 48	22	66
6K21NL	19,048	6	537 x 537 x 51	29	59
6K15NHDL	23,129	6	384 x 384 x 48	22	99
4K27NL	25,397	4	689 x 689 x 62	35	73
4K21NHDL	29,025	4	537 x 537 x 51	32	83
6K27NL	38,095	6	689 x 689 x 62	35	109
4K36NL	43,537	4	918 x 918 x 68	44	96
6K21NHDL	43,537	6	537 x 537 x 51	32	124
4K27NHDL	50,794	4	689 x 689 x 62	38	159
6K36NL	65,306	6	918 x 918 x 68	44	144
6K27NHDL	76,190	6	689 x 689 x 62	38	238
4K48NL	87,075	4	1222 x 1222 x 68	67	102
4K36NHDL	90,703	4	918 x 918 x 68	48	178
6K48NL	130,612	6	1222 x 1222 x 68	67	154
6K36NHDL	136,054	6	918 x 918 x 68	48	268
4K48NHDL	163,265	4	1222 x 1222 x 68	64	198
6K48NHDL	244,898	6	1222 x 1222 x 68	64	297

Recommended supply pressure: 6.3 kg/cm<sup>2</sup>

- (1) Load must be positioned so individual Aero-Caster capacities are not exceeded.
- (2) Maximum compressed air consumption on a smooth troweled and sealed concrete or equivalent surface. (Includes **large** Reserve Factor).

