



# Load Module System

## Quickly Move 500 lbs. to Over 5,000 Tons By Harnessing the Power of Compressed Air

Module Systems utilize the efficiency of fluid film technology to actually float heavy loads on a near-frictionless film of air. With AeroGo® Load Modules, one person or a small crew can easily move thousands of pounds.

### Unlimited Applications

Load Modules are ideal for the movement of massive loads from assembly to shipping, for plant start-up or relocation, or for the repair of large and bulky items such as heat exchangers and transformers. They are ideal for jacking or rotating assemblies, precisely aligning machines over footings, moving components, and rearranging production lines.

### Versatile and Efficient

Load Modules are simple to operate and extremely versatile. Load movement is exceptionally smooth and omnidirectional, making it easy to precisely place heavy loads – even in tight spaces. Load modules can be utilized anywhere in the work environment where there is an adequate floor surface. Even rough surfaces can be overcome by simply utilizing inexpensive overlay material to create a smooth travel path.

### Superb Load Distribution

Load Module Aero-Casters do a better job of distributing load weight over a greater surface than rollers or wheels because they spread the load stress evenly across the floor. They are easily portable and can be positioned under the load according to weight distribution on load support points. This eliminates floor damage and the need for expensive tracks, reinforced floors or building structures.

### Easy to Implement and Inexpensive to Operate

AeroGo systems are more cost-effective than traditional load movement methods. Plus, personnel quickly learn how to utilize the system. Load Modules are manufactured to stand up to the most demanding applications. And, since there are no moving parts, maintenance costs stay low.

### Numerous Advantages to Moving Heavy Loads with Air Casters

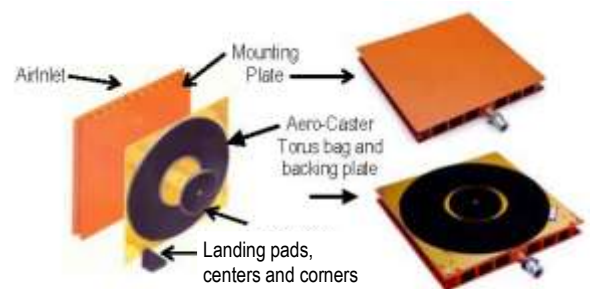
- Low Profile
- Low Friction
- No Floor Damage
- Economical & Reliable
- Flexible for a variety of applications
- Precise positioning without floor damage compared to traditional material handling equipment methods
- Clean and ergonomic - reduces employee safety and lift hazards
- Easy omnidirectional multi-positioning
- Utilizes existing shop air



*The popular and proven Load Module System makes quick work of heavy load moves, as shown below (50,000 lb. machine). Load Module Systems are available in 4 or 6 module configurations and a variety of air caster sizes.*



## Load Module Assembly





# Load Module System

Model	System Capacity (lbs) (1)	Number of Load Modules	Dimensions of each Load Module L x W x H (inches)	Lift Height (inches)	Operating Pressure (psi) (2)	Recommended Air Volume (scfm) (3)
4K8NL	4,000	4	8-1/8 x 8-1/8 x 1-7/8	3/8	25	56
6K8NL	6,000	6	8-1/8 x 8-1/8 x 1-7/8	3/8	25	84
4K8NHDL	8,000	4	8-1/8 x 8-1/8 x 1-7/8	3/8	50	84
4K12NL	10,000	4	12-1/8 x 12-1/8 x 1-7/8	3/4	30	98
6K8NHDL	12,000	6	8-1/8 x 8-1/8 x 1-7/8	3/8	50	126
6K12NL	15,000	6	12-1/8 x 12-1/8 x 1-7/8	3/4	30	147
4K15NL	17,000	4	15-1/8 x 15-1/8 x 1-7/8	7/8	30	98
4K12NHDL	20,000	4	12-1/8 x 12-1/8 x 1-7/8	3/4	60	112
6K15NL	25,500	6	15-1/8 x 15-1/8 x 1-7/8	7/8	30	147
4K21NL	28,000	4	21-1/8 x 21-1/8 x 2	1-1/8	25	84
6K12NHDL	30,000	6	12-1/8 x 12-1/8 x 1-7/8	3/4	60	168
4K15NHDL	34,000	4	15-1/8 x 15-1/8 x 1-7/8	7/8	60	140
6K21NL	42,000	6	21-1/8 x 21-1/8 x 2	1-1/8	25	126
6K15NHDL	51,000	6	15-1/8 x 15-1/8 x 1-7/8	7/8	60	210
4K27NL	56,000	4	27-1/8 x 27-1/8 x 2-7/16	1-3/8	30	154
4K21NHDL	64,000	4	21-1/8 x 21-1/8 x 2	1-1/4	60	175
6K27NL	84,000	6	27-1/8 x 27-1/8 x 2-7/16	1-3/8	30	231
4K36NL	96,000	4	36-1/8 x 36-1/8 x 2-11/16	1-3/4	30	203
6K21NHDL	96,000	6	21-1/8 x 21-1/8 x 2	1-1/4	60	263
4K27NHDL	112,000	4	27-1/8 x 27-1/8 x 2-7/16	1-1/2	60	336
6K36NL	144,000	6	36-1/8 x 36-1/8 x 2-11/16	1-3/4	30	305
6K27NHDL	168,000	6	27-1/8 x 27-1/8 x 2-7/16	1-1/2	60	504
4K48NL	192,000	4	48-1/8 x 48-1/8 x 2-11/16	2-5/8	30	217
4K36NHDL	200,000	4	36-1/8 x 36-1/8 x 2-11/16	1-7/8	60	378
6K48NL	288,000	6	48-1/8 x 48-1/8 x 2-11/16	2-5/8	30	326
6K36NHDL	300,000	6	36-1/8 x 36-1/8 x 2-11/16	1-7/8	60	567
4K48NHDL	360,000	4	48-1/8 x 48-1/8 x 2-11/16	2-1/2	60	420
6K48NHDL	540,000	6	48-1/8 x 48-1/8 x 2-11/16	2-1/2	60	630

- (1) Load must be positioned so individual Aero-Caster capacities are not exceeded.
- (2) Recommended supply pressure: 25 psig above rated operating pressure
- (3) Air maximum load on required smooth troweled and sealed concrete or equivalent. (Includes **large** Reserve Factor)