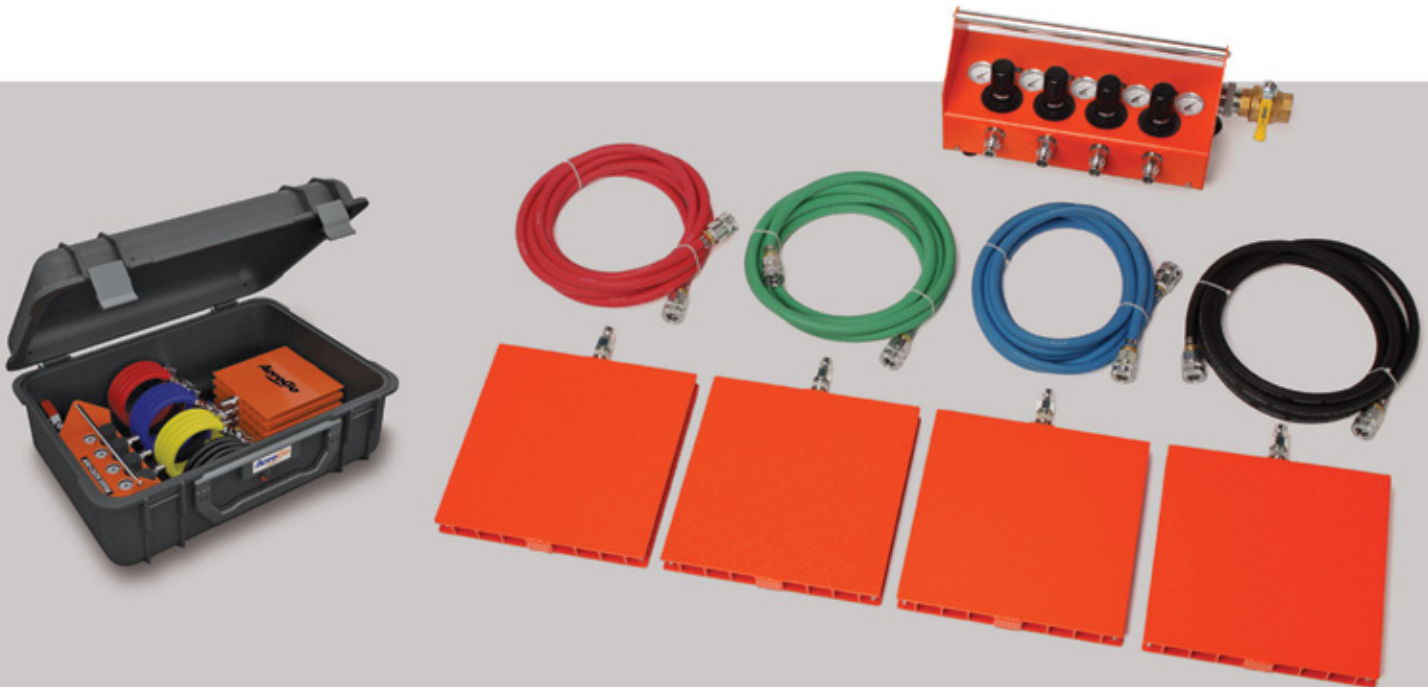


# Portable Rigging Kit



## Move up to 34,000 lbs. — up to 100 feet



AeroGo® Air Caster Rigging Systems use the efficiency of air casters, a fluid film technology, which uses 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. They can be configured to move a wide variety of loads that are heavy, awkward or delicate. 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—and much easier to operate—than traditional load movement methods. Plus, there are no moving parts so maintenance costs are low.

### 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

### Each Portable Rigging Kit includes:

- Four load modules
- BN34 control console
- Four color-coded hoses
- Air supply hose
- Air fittings and connectors
- Hard shell storage case with built-in rollers

*"The rigging and set up was very much streamlined. Moving was simple. Everyone was grateful to have this system vs. the old style of Hillman rollers and come-a-longs. I think your system greatly reduced safety exposure as these modules were 30,000-45,000 lbs. each and had to be turned to tight spacing."*

– Facilities Engineer, Gulf of Mexico

### Standard Specification

Model #	System Capacity* (lbs)	Rated Pressure (psig)	System Air Flow		Effective Lift (in.)	Air Caster Element Nominal Dimensions L x W x H (in.)
			1/4 Load** (SCFM)	Full Load** (SCFM)		
4K12NL	10,000	30	32	56	3/4	12-1/8 x 12-1/8 x 1-7/8
4K15NL	17,000	30	32	56	7/8	15-1/8 x 15-1/8 x 1-7/8
4K12NHDL	20,000	60	36	64	3/4	12-1/8 x 12-1/8 x 1-7/8
4K15NHDL	34,000	60	32	56	7/8	15-1/8 x 15-1/8 x 1-7/8

### Metric Specification

Model #	System Capacity* (kg)	Rated Pressure (kg/cm)	System Air Flow		Effective Lift (mm)	Air Caster Element Nominal Dimensions L x W x H (mm)
			1/4 Load** (L/sec)	Full Load** (L/sec)		
4K12NL	4,535	2.1	16.8	26.4	19	308 x 308 x 48
4K15NL	7,710	2.1	15.2	26.4	22	384 x 384 x 48
4K12NHDL	9,070	4.2	16.8	30.4	19	308 x 308 x 48
4K15NHDL	15,420	4.2	20.8	37.6	22	384 x 384 x 48

Recommended supply pressure: 90 psi or 6.3 kg/cm<sup>2</sup>

\*Load must be positioned so individual Aero-Caster capacities are not exceeded.

\*\*Maximum compressed air consumption on a smooth troweled and sealed concrete or equivalent surface. (Includes large Reserve Factor).



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