

# Aero-Jack™

**Easily lift heavy loads at the touch of a button**



Aero-Jack system includes:

- Air jacks
- Interconnect hoses
- Supply hose
- Controller

Aero-Jack systems are specifically designed for industrial lifting or jacking applications. The air jacks can be used individually or in pairs to lift up to 138 tons. (See back for individual system specifications.)



Deflated Aero-Jack can be inserted on cribbing to increase the bag's lift height.



Inflated Aero-Jack was inserted in a 2-inch gap below a 10-ton load to lift the load 3 inches.



## Aero-Jack Advantages:

- **Thin profile** provides easy insertion under most loads.
- **Lightweight**, as compared to hydraulic jacks.
- Lift and deflate heavy objects at the touch of a button, no repetitive body movements to raise your loads.
- Works on most surfaces.
- Replaces hard to use repetitive motion jacks.
- Durable construction for a variety of industrial applications.
- Safety is built-in to the controller's interface, allowing you push button response from a distance.
- Aero-Jacks can also be used to shift loads. Suspend an Aero-Jack between the narrow space of two heavy objects, at or below the load's center of gravity; inflate; and create a greater space between the two loads, e.g. granite or cement blocks.



Aero-Jacks provide the perfect jacking system to install load modules under a difficult heavy load making your rigging move faster and easier.

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# Aero-Jack System Specifications

Specifically designed for industrial lifting or jacking applications, Aero-Jacks are built tough for continuous use in demanding rigging applications. Aero-Jacks are lightweight and portable which makes them easy to handle, store, transport, and set-up.

The low profile of Aero-Jacks requires less than 1.5 inches (37 mm) of insertion space and can inflate to full height in just seconds.

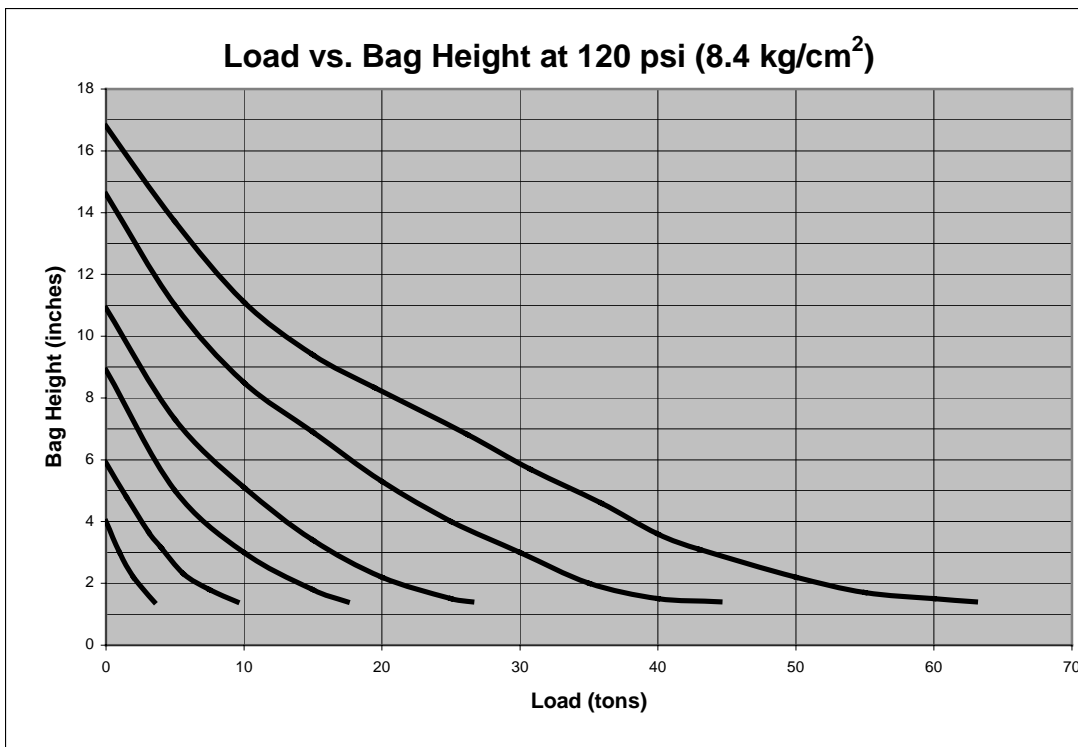
Aero-Jacks, available in a variety of sizes with single jack capacity up to 70 tons, (63 Mtons) provide virtually limitless lifting capacities.

Aero-Jack Systems include two air jacks, one hand held controller and three hoses with quick attach couplings.

Model #	No. of Aero-Jacks	System Capacity @ 120 PSI	
		Tons	Metric Tons
<b>2J1010L</b>	<b>2</b>	<b>12</b>	<b>10.9</b>
<b>2J1515L</b>	<b>2</b>	<b>27</b>	<b>24.5</b>
<b>2J2020L</b>	<b>2</b>	<b>43</b>	<b>39</b>
<b>2J2125L</b>	<b>2</b>	<b>63</b>	<b>57</b>
<b>2J2929L</b>	<b>2</b>	<b>100</b>	<b>90.7</b>
<b>2J3434L</b>	<b>2</b>	<b>138</b>	<b>125</b>

PART#	Max. Rated Capacity @ 120 PSI		Size Length & Width		Deflated Thickness		Max. Working Pressure		Air Requirements at Rated Pressure		Weight (Approximate)	
	Tons	Metric Tons	Inches	mm	Inches	mm	PSI	Kg/cm <sup>2</sup>	Cubic Feet	Liters	Pounds	KG
J1010	6	5.4	10	255	1.38	35	120	8.4	2	60	7	4
J1515	13.5	12.2	15	385	1.38	35	120	8.4	4	115	14	7
J2020*	21.6	19.6	20	510	1.38	35	120	8.4	7	200	28	13
J2125*	31.5	28.5	21x25	535x635	1.38	35	120	8.4	9	255	35	16
J2929*	50.1	45.4	29	740	1.38	35	120	8.4	28	795	55	25
J3434*	69.3	62.8	34	865	1.38	35	120	8.4	33	935	100	45

\* Includes support handles.



Specifications are nominal & do not include handles, tie-downs or fittings. Handles are only available on some models (see table above.)

### How to interpret this chart:

Each Aero-Jack has a bag height based on the weight of the load. For example, if you have a 10-ton load, with a 1.5-inch insertion space, then the J2125 bag height will be 5 inches, but the effective lift height will be 3.5 inches. Both heights are based on 120 PSI/8.4 kg/cm<sup>2</sup>.



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**AeroGo, Inc** is a leading designer and manufacturer of Aero-Caster™ products (air casters or air bearings mounted on Aero-Planks, Aero-Pallets or Load Modules) that float from 500 lbs to 5000 tons on a virtually frictionless film of air.

AeroGo is ISO certified by ABS Quality Evaluations, Inc and complies with SAE AS9003: 2001 and ISO 9001:2000 quality standards.



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