



## Lightweight, Portable Jack Lifts Up to 70 Tons

AeroGo® Aero-Jack™ systems are specifically designed for industrial lifting or jacking applications on most surfaces. Aero-Jacks can be used individually or in pairs to lift up to 140 tons. (See back for individual system specifications).

**Thin profile:** Easily inserts under most loads.

**Ergonomic:** Lifts and lowers heavy objects at the touch of a button. The use of Aero-Jacks eliminates repetitive body movements normally required to raise loads.

**Protects Surfaces:** Aero-Jacks do not mar or damage machined or painted surfaces.

**Rugged:** Durable construction, built for a variety of industrial applications. Works effectively on most surfaces.

**Versatile:** Aero-Jacks can also be used to shift loads. Suspend an Aero-Jack in the narrowest space between two heavy objects, at or below the load's center of gravity, and then inflate. This creates a greater space between the two loads and enables repositioning.

**Safe:** Safety is built-in to the controller's interface, providing push button control from a distance with built-in overpressure relief valve.



The thin profile of the deflated Aero-Jack makes it easy to insert under most loads. Here it is used on cribbing to increase lift height.



Aero-Jacks can be used to shift or lift the load in preparation for rigging.

J1010		J1212		J1812		J1515		J2115		J2020		J2026		J2424		J4215		J2828		J3232		J3737		
Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	
0.0	5.4	0.0	6.4	0.0	7.0	0.0	8.2	0.0	9.0	0.0	11.0	0.0	11.7	0.0	13.0	0.0	9.3	0.0	15.0	0.0	17.0	0.0	20.0	
0.6	4.7	1.1	5.1	1.1	6.4	1.1	7.0	1.1	8.0	2.2	8.7	2.2	10.0	2.8	11.0	5.5	7.6	5.5	11.5	5.5	13.9	5.5	16.7	
1.1	3.9	2.2	3.9	2.2	5.6	2.2	6.0	2.2	7.1	4.4	7.2	4.4	8.6	5.5	9.3	11.0	5.9	11.0	9.3	11.0	11.6	11.0	14.4	
1.7	3.2	3.3	3.0	3.3	4.7	3.3	5.2	3.3	6.4	6.6	6.0	6.6	7.4	8.3	7.8	16.5	4.4	16.5	7.4	16.5	9.6	16.5	12.6	
2.2	2.5	4.4	2.1	4.4	4.0	4.4	4.4	4.4	5.7	8.8	4.9	8.8	6.3	11.0	6.6	22.0	3.0	22.0	5.7	22.0	8.0	22.0	11.0	
2.8	1.9	5.5	1.3	5.5	3.3	5.5	3.6	5.5	5.0	11.0	4.0	11.0	5.3	13.8	5.6	27.6	1.6	27.6	4.2	27.6	6.5	27.6	9.5	
3.3	1.5	6.5	0.8	6.6	2.7	6.6	3.0	6.6	4.4	13.2	3.2	13.2	4.5	16.5	4.7	31.1	0.8	33.1	2.9	33.1	5.2	33.1	8.2	
3.9	1.0			7.7	2.1	7.7	2.4	7.7	3.9	15.4	2.4	15.4	3.7	19.3	3.9			38.6	1.6	38.6	3.9	38.6	7.0	
4.3	0.7			8.8	1.5	8.8	1.8	8.8	3.3	17.6	1.6	17.6	3.0	22.0	3.1			41.5	1.0	44.1	2.9	44.1	5.8	
				9.9	0.9	9.9	1.3	9.9	2.8	19.8	0.9	19.8	2.4	24.8	2.3					49.6	1.9	49.6	4.7	
				10.2	0.8	10.8	0.8	11.0	2.4	20.2	0.8	22.0	1.9	27.6	1.6					54.9	1.0	55.1	3.7	
								12.1	1.9			24.3	1.3	29.9	0.9								60.6	2.6
								13.2	1.5			26.5	0.9										66.1	1.6
								14.3	1.1			26.8	0.8										70.2	1.0
								15.0	0.8															

Notes: BH = Bag Height (i. e. total bag height when inflated)--not effective lift. 1 ton equals 2000 lbs.





Figure 1: Aero-Jack with eyelets



Figure 2: Aero-Jack without eyelets



Figure 3: Rectangular Aero-Jack (except J1812, which has no eyelets)

### Inflatable Aero-Jacks

Part Number	Model	Capacity+ (tons) @ 118 PSI	Maximum++ Bag Height (in)	Bag Thickness (in)	Size: Width x Length (in)	Net Wt (lb)	Style
23401	J1010	4.3	5.4	5/8	10x10	3.6	Figure 2
23402	J1212	6.5	6.4	3/4	12x12	6.0	Figure 2
23403	J1812	10.2	7.0	3/4	18x12	8.1	Fig. 3, no eyelet
23404	J1515	10.8	8.2	3/4	15x15	9.4	Figure 1
23405	J2115	15.0	9.0	3/4	21x15	12.3	Figure 3
23406	J2020	20.2	11.0	3/4	20x20	15.5	Figure 1
23407	J2026	26.8	11.7	3/4	20x26	19.6	Figure 3
23408	J2424	29.9	13.0	3/4	24x24	22.4	Figure 1
23409	J4215	31.1	9.3	3/4	42x15	25.0	Figure 3
23410	J2828	41.5	15.0	3/4	28x28	29.6	Figure 1
23411	J3232	54.9	17.0	1	32x32	46.0	Figure 1
23412	J3737	70.2	20.0	1	37x37	60.0	Figure 1

+ Maximum rated capacity is achieved at low bag height.

++ Maximum Bag Height listed is at full rated pressure of 118 psi. Maximum bag height is achieved at reduced capacity.

*Aero-Jacks are not recommended for high cycle rate, assembly line-type applications. Consult factory.*

### Inflatable Aero-Jack Systems

Each Aero-Jack System includes: two inflatable jacks, one controller, a 1/4" NPT male nipple, and three hose assemblies.

Part Number	Model	System Capacity+ (tons) @118PSI	System Capacity+ (tons) @90 PSI	Maximum++ Bag Height (in)	Inflatable Jack Model	System Net Wt (lb)	Style
23451	2J1010L	8.6	6.6	5.4	J1010	19.8	Figure 2
23452	2J1212L	13.0	9.9	6.4	J1212	26.5	Figure 2
23453	2J1812L	20.4	15.6	7.0	J1812	28.7	Fig. 3, no eyelet
23454	2J1515L	21.6	16.5	8.2	J1515	33.1	Figure 1
23455	2J2115L	30.0	22.9	9.0	J2115	37.5	Figure 3
23456	2J2020L	40.4	30.8	11.0	J2020	44.1	Figure 1
23457	2J2026L	53.6	40.9	11.7	J2026	52.9	Figure 3
23458	2J2424L	59.8	45.6	13.0	J2424	57.3	Figure 1
23459	2J4215L	62.2	47.4	9.3	J4215	63.9	Figure 3
23460	2J2828L	83.0	63.3	15.0	J2828	72.8	Figure 1
23461	2J3232L	109.8	83.7	17.0	J3232	105.8	Figure 1
23462	2J3737L	140.4	107.1	20.0	J3737	132.3	Figure 1

## Lightweight, Portable Jack Lifts Up to 63 Metric Tons

AeroGo® Aero-Jack™ systems are specifically designed for industrial lifting or jacking applications on most surfaces. Aero-Jacks can be used individually or in pairs to lift up to 125 metric tons. (See back for individual system specifications).

**Thin profile:** Easily inserts under most loads.

**Ergonomic:** Lifts and lowers heavy objects at the touch of a button. The use of Aero-Jacks eliminates repetitive body movements normally required to raise loads.

**Protects Surfaces:** Aero-Jacks do not mar or damage machined or painted surfaces.

**Rugged:** Durable construction, built for a variety of industrial applications. Works effectively on most surfaces.

**Versatile:** Aero-Jacks can also be used to shift loads. Suspend an Aero-Jack in the narrowest space between two heavy objects, at or below the load's center of gravity, and then inflate. This creates a greater space between the two loads and enables repositioning.

**Safe:** Safety is built-in to the controller's interface, providing push button control from a distance with built-in overpressure relief valve.



The thin profile of the deflated Aero-Jack makes it easy to insert under most loads. Here it is used on cribbing to increase lift height.



Aero-Jacks can be used to shift or lift the load in preparation for rigging.

J1010		J1212		J1812		J1515		J2115		J2020		J2026		J2424		J4215		J2828		J3232		J3737		
Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	Load (tons)	BH (mm)	
0.0	137	0.0	163	0.0	178	0.0	208	0.0	230	0.0	279	0.0	297	0.0	330	0.0	236	0.0	381	0.0	432	0.0	508	
0.5	120	1.0	129	1.0	163	1.0	178	1.0	203	2.0	220	2.0	255	2.5	278	5.0	192	5.0	292	5.0	354	5.0	425	
1.0	100	2.0	100	2.0	141	2.0	153	2.0	181	4.0	182	4.0	218	5.0	235	10.0	150	10.0	237	10.0	294	10.0	366	
1.5	80	3.0	76	3.0	120	3.0	131	3.0	162	6.0	152	6.0	187	7.5	198	15.0	111	15.0	187	15.0	244	15.0	320	
2.0	63	4.0	54	4.0	101	4.0	111	4.0	144	8.0	125	8.0	159	10.0	167	20.0	75	20.0	144	20.0	202	20.0	279	
2.5	49	5.0	33	5.0	84	5.0	92	5.0	128	10.0	102	10.0	134	12.5	141	25.0	41	25.0	107	25.0	166	25.0	241	
3.0	37	5.9	20	6.0	68	6.0	76	6.0	112	12.0	80	12.0	113	15.0	119	28.2	20	30.0	73	30.0	131	30.0	207	
3.5	26			7.0	53	7.0	60	7.0	98	14.0	60	14.0	94	17.5	98			35.0	40	35.0	100	35.0	177	
3.9	18			8.0	38	8.0	45	8.0	85	16.0	41	16.0	77	20.0	78			37.6	25	40.0	73	40.0	148	
				9.0	24	9.0	32	9.0	72	18.0	22	18.0	62	22.5	59					45.0	47	45.0	120	
				9.3	20	9.8	20	10.0	60	18.3	20	20.0	48	25.0	40					49.8	25	50.0	93	
								11.0	49			22.0	34	27.1	24								55.0	67
								12.0	38			24.0	22										60.0	41
								13.0	28			24.3	20										63.7	25
								13.6	20															

Notes: BH = Bag Height (i. e. total bag height when inflated)--not effective lift. 1 metric ton equals 1000 kg.



Figure 1: Aero-Jack with eyelets



Figure 2: Aero-Jack without eyelets



Figure 3: Rectangular Aero-Jack (except J1812, which has no eyelets)

### Inflatable Aero-Jacks

Part Number	Model	Capacity+ (tonnes) @ 8.1 kg/cm <sup>2</sup>	Maximum++ Bag Height (mm)	Bag Thickness (mm)	Size: Width x Length (mm)	Net Wt (kg)	Style
23401	J1010	3.9	137	16	254 x 254	1.6	Figure 2
23402	J1212	5.9	163	19	305 x 305	2.8	Figure 2
23403	J1812	9.3	178	19	457 x 305	3.7	Fig. 3, no eyelet
23404	J1515	9.8	208	19	381 x 381	4.3	Figure 1
23405	J2115	13.6	229	19	533 x 381	5.6	Figure 3
23406	J2020	18.3	279	19	508 x 508	7.0	Figure 1
23407	J2026	24.3	297	19	508 x 660	8.9	Figure 3
23408	J2424	27.1	330	19	610 x 610	10.0	Figure 1
23409	J4215	28.2	236	19	1067 x 381	11.4	Figure 3
23410	J2828	37.6	381	19	711 x 711	13.4	Figure 1
23411	J3232	49.8	432	25	813 x 813	21.0	Figure 1
23412	J3737	63.7	508	25	939 x 939	27.2	Figure 1

+ Maximum rated capacity is achieved at low bag height.

++ Maximum Bag Height listed is at full rated pressure of 8.1 kg/cm<sup>2</sup>. Maximum bag height is achieved at reduced capacity.

*Aero-Jacks are not recommended for high cycle rate, assembly line-type applications. Consult factory.*

### Inflatable Aero-Jack Systems

Each Aero-Jack System includes: two inflatable jacks, one controller, a 1/4" NPT male nipple, and three hose assemblies.

Part Number	Model	System Capacity+ (tonnes) @8.1 kg/cm <sup>2</sup>	System Capacity+ (tonnes) @6.1 kg/cm <sup>2</sup>	Maximum++ Bag Height (mm)	Inflatable Jack Model	System Net Wt (kg)	Style
23451	2J1010L	7.8	5.8	137	J1010	9	Figure 2
23452	2J1212L	11.8	8.9	163	J1212	12	Figure 2
23453	2J1812L	18.6	13.9	178	J1812	13	Fig. 3, no eyelet
23454	2J1515L	19.6	14.7	208	J1515	15	Figure 1
23455	2J2115L	27.2	20.4	230	J2115	17	Figure 3
23456	2J2020L	36.6	27.6	279	J2020	20	Figure 1
23457	2J2026L	48.6	36.6	297	J2026	24	Figure 3
23458	2J2424L	54.2	40.8	330	J2424	26	Figure 1
23459	2J4215L	56.4	42.5	236	J4215	29	Figure 3
23460	2J2828L	75.2	56.6	381	J2828	33	Figure 1
23461	2J3232L	99.6	75.0	432	J3232	48	Figure 1
23462	2J3737L	127.4	95.9	508	J3737	60	Figure 1