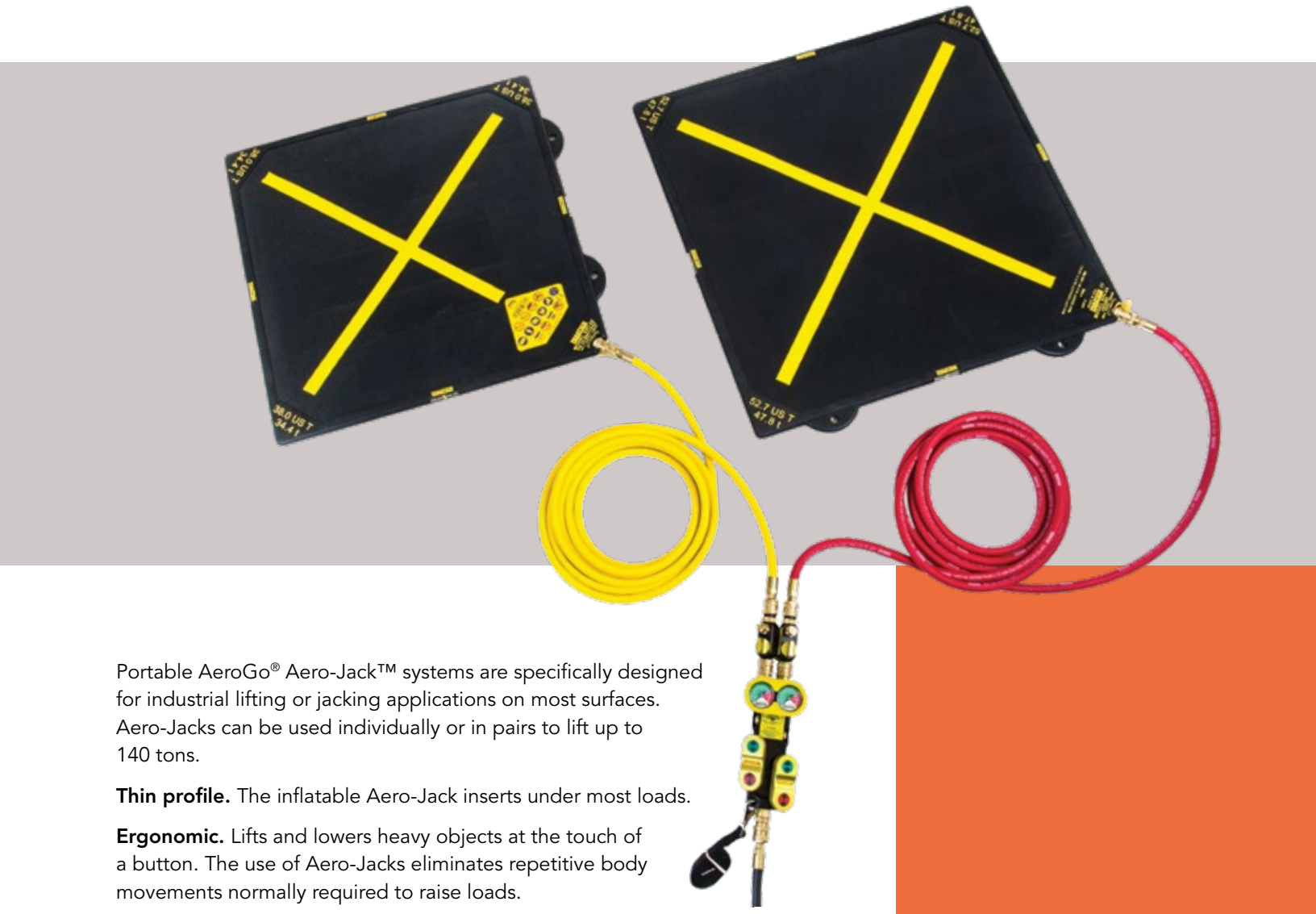
Aero-Jack™ Systems

Lightweight, portable and lifts up to 140 tons



Portable 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.

Thin profile. The inflatable Aero-Jack 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.

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 a built-in overpressure relief valve.

1170 Andover Park West
Tukwila, WA 98188-3909

phone: +1 206.575.3344
Fax: +1 206.575.3505

email: info@aerogo.com
www.aerogo.com

Aero-Jacks are not recommended for high cycle rate, assembly line-type applications. Contact AeroGo for additional sizes.

Each Aero-Jack System includes:
- 2 inflatable jacks
- 1 controller
- 1/4" NPT male nipple
- 3 hose assemblies

SPECIFICATIONS

		Standard					Metric				
Part Number	Model	Max Lifting Capacity (tons) @ 90 psi*	Max Lifting Capacity (tons) @ 118 psi*	Bag Thickness (in)	Maximum Bag Height (in)++	System Net Wt (lbs)	Max Lifting Capacity (tonnes) @ 6.3 kg/cm2*	Max Lifting Capacity (tonnes) @ 8.3 kg/cm2*	Bag Thickness (mm)	Maximum Bag Height (mm)++	System Net Wt (kg)
23454	2J1515L	16.5	21.6	7/8	8.2	33.1	15.0	19.6	22	208	15
23456	2J2020L	30.8	40.4	7/8	11.0	44.1	27.9	36.6	22	279	20
23460	2J2828L	63.3	83.0	7/8	15.0	72.8	57.4	75.2	22	381	33
23462	2J3737L	107.1	140.4	1	20.0	132.3	97.2	127.4	25	508	60

* Maximum rated capacity is achieved at low bag height

++ Maximum Bag Height listed is at full rated pressure of 118psi or 8.3kg/cm2. Maximum bag height is achieved at reduced capacity.

INFLATED BAG HEIGHT *(not effective lift)*

Standard								Metric							
J1515		J2020		J2828		J3737		J1515		J2020		J2828		J3737	
Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tons)	BH (in)	Load (tonnes)	BH (mm)	Load (tonnes)	BH (mm)	Load (tonnes)	BH (mm)	Load (tonnes)	BH (mm)
0.0	8.2	0.0	11.0	0.0	15.0	0.0	19.8	0.0	205	0.0	280	0.0	380	0.0	508
1.1	7.0	2.2	8.7	5.5	11.5	5.5	16.7	1.0	178	2.0	220	5.0	292	5.0	425
2.2	6.0	4.4	7.2	11.0	9.3	11.0	14.4	2.0	153	4.0	182	10.0	237	10.0	366
3.3	5.2	6.6	6.0	16.5	7.4	16.5	12.6	3.0	131	6.0	152	15.0	187	15.0	320
4.4	4.4	8.8	4.9	22.0	5.7	22.0	11.0	4.0	111	8.0	125	20.0	144	20.0	279
5.5	3.6	11.0	4.0	27.6	4.2	27.6	9.5	5.0	92	10.0	102	25.0	107	25.0	241
6.6	3.0	13.2	3.2	33.1	2.9	33.1	8.2	6.0	76	12.0	80	30.0	73	30.0	207
7.7	2.4	15.4	2.4	38.6	1.6	38.6	7.0	7.0	60	14.0	60	35.0	40	35.0	177
8.8	1.8	17.6	1.6	41.5	1.0	44.1	5.8	8.0	45	16.0	41	37.6	25	40.0	148
9.9	1.3	19.8	0.9			49.6	4.7	9.0	32	18.0	22			45.0	120
10.8	0.8	20.2	0.8			55.1	3.7	9.8	20	18.3	20			50.0	93
						60.6	2.6							55.0	67
						66.1	1.6							60.0	41
						70.2	1.0							63.7	25

AeroGo
1170 Andover Park West
Tukwila, WA 98188-3909
USA

phone: +1 206.575.3344
fax: +1 206.575.3505
email: info@aerogo.com
www.aerogo.com