

Systems for lifting heavy loads



Low profile - Less than 25mm play required to lift up the load.

The robust controller makes it possible to precisely inflate and deflate the Aero-Jacks™.

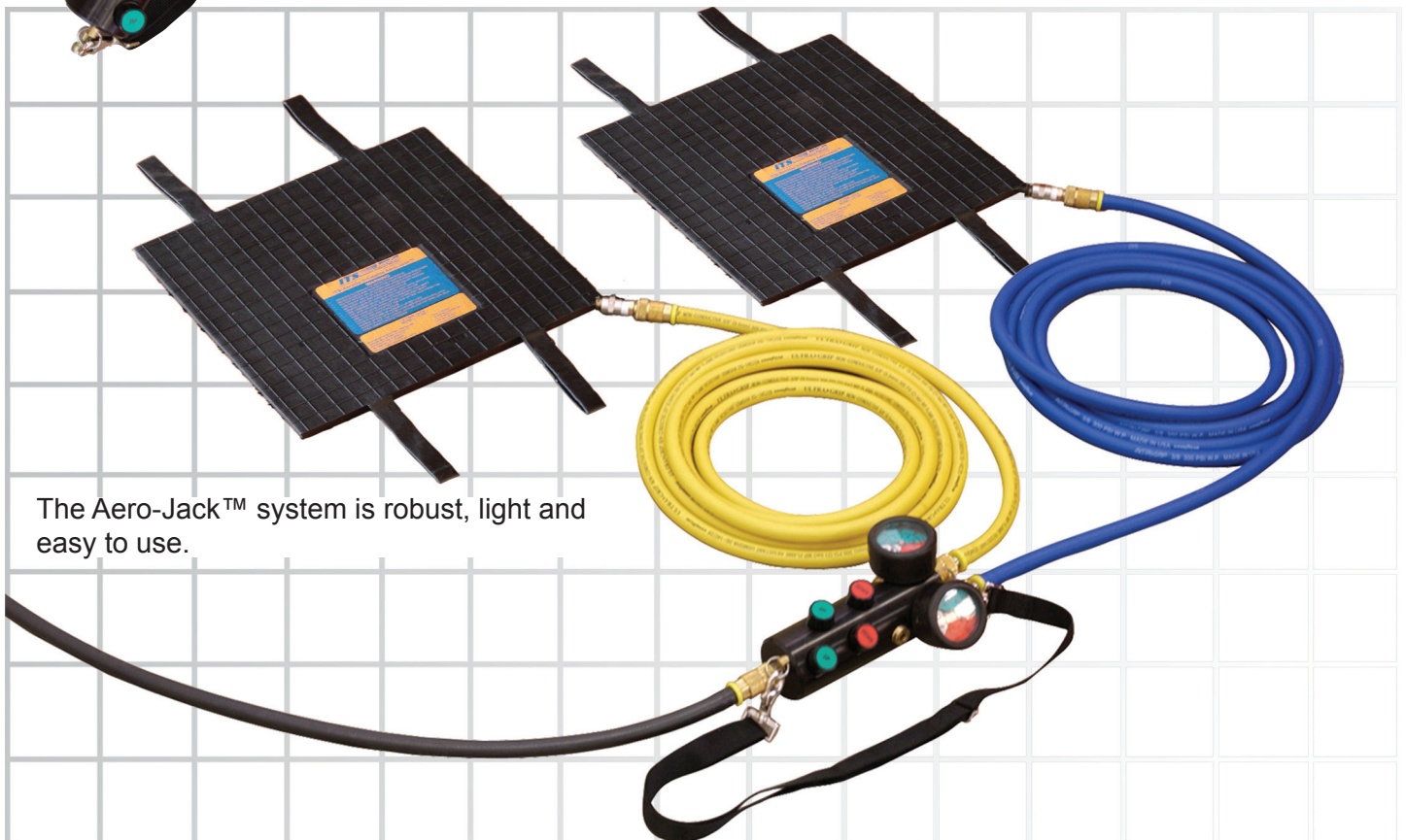


Due to their robust form, the Aero-Jacks™ – specially designed for industrial and jacking applications – are ideal for intensive use in difficult conditions. And because Aero-Jacks are lightweight and portable, they are easy to handle, and allow a problem-free storage, transport and use.

Aero-Jacks, available in a variety of sizes with single jack capacity up to 62 ton provide virtually limitless lifting capacities.

The low profile of Aero-Jacks requires less than 25 mm of insertion space and inflate to full height in just seconds.

Aero-Jack™ Systems include two Aero-Jacks™, one hand held controller and three hoses with fast coupling system.



The Aero-Jack™ system is robust, light and easy to use.

AERO-JACK™ SYSTEMS SPECIFICATIONS

SINGLE JACK SYSTEMS

Model	Capacity at 8 bar (Tonne)	Max lift height (mm)	Dimensions of each Aero-Jack™			No. of grips (#)	Maximum pressure (bar)	Test pressure (bar)	Weight (kg)	Volume (l)
			Width (mm)	Length (mm)	Thickness (mm)					
IT6T	6,2	170	300	300	24	/	8	12	2,7	4,2
IT10T	10,3	210	380	380	24	4	8	12	4,3	9
IT18T	18,4	290	500	500	24	4	8	12	7,5	23
IT27T	27	360	600	600	24	4	8	12	11	49
IT37T	37	420	700	700	24	4	8	12	14,8	65
IT62T	62	500	900	900	24	4	8	12	24,5	149

These are approximate values only.

	Lift height (mm)																					
	10	20	30	40	50	60	70	80	90	100	120	140	160	180	200	250	300	350	400	450	500	
Model	Capacity (Tonne) Multiplied with 2 for 1 system																					
IT6T	5,77	5,12	4,50	3,92	3,39	2,89	2,43	2,01	1,64	1,30	0,74	0,33										
IT10T	9,72	8,87	8,05	7,27	6,53	5,84	5,18	4,56	3,98	3,44	2,48	1,67	1,02	0,53	0,20							
IT18T	17,57	16,41	15,29	14,21	13,17	12,17	11,21	10,29	9,41	8,57	7,00	5,60	4,35	3,25	2,32	0,67						
IT27T	25,86	26,46	23,09	21,76	20,47	19,22	18,00	16,83	15,70	14,61	12,54	10,63	8,88	7,28	5,84	2,94	1,03					
IT37T	35,76	34,10	32,48	30,90	29,36	27,86	26,39	24,97	23,59	22,24	19,67	17,26	15,01	12,91	10,97	6,81	3,64	1,45	0,48			
IT62T	60,36	58,20	56,07	53,39	51,95	49,94	48,05	46,05	44,16	42,32	38,74	35,32	32,07	28,96	26,02	19,35	13,67	8,97	5,26	2,53	0,79	

Capacity at 8 bar, for 6 bar applications multiply the lift height by 0.75.
Inside diameter of the hose is always 3/8".

2 JACK SYSTEMS

Model	System capacity (Tonne)	System Weight (kg)
2IT6T-6TL	12,4	10,2
2IT10T-10TL	20,6	13,4
2IT18T-18TL	36,8	19,8
2IT27T-27TL	54	26,8
2IT37T-37TL	74	34,4
2IT62T-62TL	124	53,8

- Aero-Jacks™ are a safe way of lifting heavy loads.
- Inflate Aero-Jacks™ using compressors, compressed air bottles, hand pumps for the smaller Aero-Jacks™, pressurised water, etc.
- The Kevlar re-enforced Aero-Jacks™ are practically indestructible and suitable for use in temperatures between -20° and +70°.
- Typical applications for Aero-Jacks are: lifting heavy and large loads such as cars, aeroplanes and tanks, rescue operations, etc.
- The Kevlar re-enforcement prevents deformation and ensures that the Aero-Jacks always return to their original shape.



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