



## Totally Enclosed Lifting Bags

In situations where depth of water preclude the deployment of parachute type lifting bags, an effective alternative is the use of cylindrical totally enclosed lifting bags.

Water Weights can provide a wealth of assistance and advice based upon practical manufacturing and deployment experience which is without equal. To assist in planning your operations, Water Weights has produced an underwater lifting bag manual which includes a user guide, maintenance requirements and specifications, and is available on request.



All totally enclosed lifting bags are fabricated from heavy duty Trevira® cloth coated with PVC and are complete and ready for use when they leave our manufacturing facility. A heavy duty load restraint harness of polyester webbing is built into the skin of the air bag and has a safe working ratio of 6:1. The arrangement of this load restraint harness is specifically designed to maintain the air bag in the horizontal position to ensure maximum stability and lifting effort. However, it is recommended that lifting beams or strongbacks are used wherever possible. Details of these are available on request. Pressure relief valves are also incorporated at the bottom of the air bags and are automatically set to function at 2 P.S.I. above ambient with flow rate in excess of 80 C.F.M.



Totally enclosed lifting bags can be secured closely to the article or shackled to straps passed underneath it. They offer an invaluable method of reducing the draught of vessels when launching, slipping or maneuvering them in limited depth. They can also be employed at pontoons for bridges, floating platforms, dock gates and military equipment. These lifting bags also provide an ideal form of buoyancy for cable or pipeline float-out operations and are extremely stable under tow.





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Model	Lift Capacity (lbs)	Overall Length (ft)	Overall Diam. (ft)	Overall Height (ft)	Shackle Pick Up	Folded Dimensions. (ft)	Net Weight (lbs)
T2C	220.5	3.05	1.41	1.80	2	.82 × 2.13	13.2
T5C	551.2	3.77	2.23	2.66	2	.98 × 2.23	26.5
T10C	1102.3	4.53	2.79	3.08	2	.98 × 2.56	29.8
T1	2204.6	6.07	3.28	4.26	2	1.15 × 3.87	50.7
T2	4409.2	7.54	4.03	4.26	3	1.31 × 3.41	89.3
T3	6613.8	8.69	4.69	6.10	3	1.48 × 3.77	108.1
T5	11023	12.79	4.69	5.10	5	1.64 × 4.26	169.8
T10	22046	13.45	6.26	7.71	5	1.97 × 4.26	366
T35	77161	18.86	9.64	11.32	6	2.79 × 5.25	705.5