



World leaders in diving equipment technology

DEFENCE
COMMERCIAL



Totally Enclosed Lifting Bags in situations where insufficient depth of water precludes the deployment of parachute type lifting bags above the object to be raised, an effective alternative is the use of a cylindrical totally enclosed lifting bag. They can be secured closely to the article or shackled to straps passed underneath it.

Totally enclosed lifting bags offer an invaluable method of reducing the draught of vessels when launching, slipping or manoeuvring them in limited depth.

They can also be employed as 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. No other flotation aids can be folded away so compact when not in use.

All totally enclosed lifting bags are fabricated from heavy duty Trevira® cloth with PVC, a heavy duty load resistant harness of polyester webbing is built into the skin of the airbag and has a safe working ratio of 6:1. The arrangement of this load restraint harness is specifically designed to maintain the airbag in the horizontal position to ensure maximum stability and lifting effort.

All models have 3/4" BSP air inlet ball valves with kamlock quick release hose line fittings. Pressure relief valves are also incorporated at the bottom of the airbags and are automatically set to function at 2 psi above ambient with flow rate in excess of 80 cfm.

All lifting bags have to pass rigorous quality control in accordance with IMCA DO16

Totally Enclosed Lifting Bags

requirements. All bags are checked and tested in accordance with manufacturers quality management system which is approved to BS EN ISO 9001:1994.

Specification

Material	Heavy weight fabric with high tenacity polyester coated with PVC
Tensile Strength	760 kg per 5cm strip warp and weft
Tear Strength	120 kg warp and weft
Webbing Straps	Polyester, 50mm width
Tensile Strength	5,000 kg and 10,000 kg
Anchor Point	Steel shackle of up to 5 ton safe working load, or as consistent with bag strength
Valving	3/4" inlet valve made of brass with quick release coupling. High volume (2,265 litres / minute) air pressure relief valve set at 0.14 kg/cm ² w.
Design & Function	Totally enclosed for ease of handling bags of this range are favoured by many to combine lifting capabilities with long towing operations, pipe and cables.

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GLOBAL LOCATIONS

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Bremen
Dubai
Cape Town
Perth
Sydney

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Totally Enclosed Lifting Bag

100 kg	Order Code TL013
250 kg	Order Code TL014
500 kg	Order Code TL015
1,000 kg	Order Code TL016
2,000 kg	Order Code TL017
3,000 kg	Order Code TL018
5,000 kg	Order Code TL019
10,000 kg	Order Code TL020
20,000 kg	Order Code TL021
35,000 kg	Order Code TL027