



# Subsea Air Lift Bags & Inflatable Buoyancy Bags

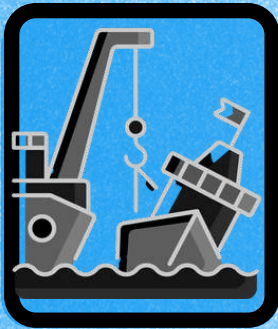


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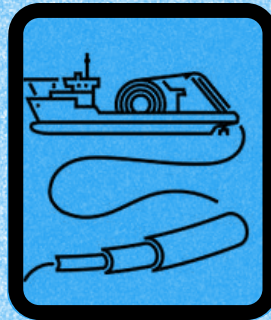
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# PRODUCTS & APPLICATIONS

PRODUCT NAME	PRODUCT CODE
PARACHUTE SUBSEA AIRLIFT BAG	PSAB
FULLY ENCLOSED SUBSEA AIRLIFT BAG	FESAB
FULLY ENCLOSED CYLINDRICAL BAG	FECB
SINGLE POINT BOUYANCY POD	SPBP



**Salvage**



**Cable/Pipe Laying**



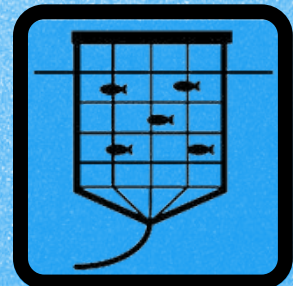
**Search & Rescue**



**Marine Research**



**Dredging**



**Aquaculture**

# MAIN FEATURES OF LIFTEK SUBSEA LIFTING & BOUYANCY BAGS



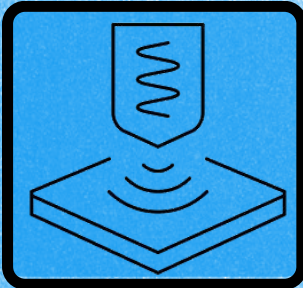
Meets the applicable design requirements of IMCA LR 007, IMCA D 016, Rev 5.



Minimum 7:1 FOS for Webbing Straps



Minimum 5:1 FOS for Lifting Set Of Bag



Heavy Duty PVC Coated Polyester, RF-Welded Fabric



Lifting Set proof-loaded 2 x WLL

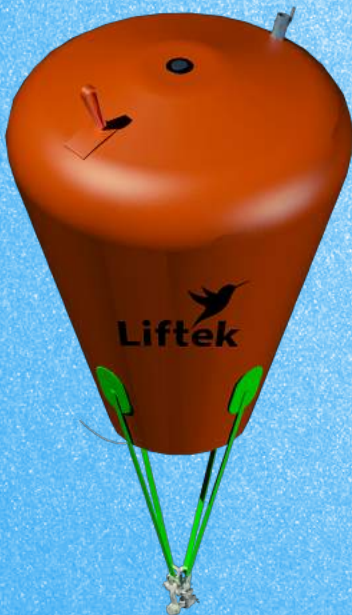


Easy to repair

## PARACHUTE SUBSEA AIRLIFT BAG (PSAB)

**WLL: 0.1MT TO 50MT**

- Designed for safe subsea lifting and equipped with a single point attachment to the load-bearing webbing sling arrangement
- Manufactured to FOS of 5:1 for the Airlift bag & FOS 7:1 for the Webbing Slings as per the requirements of IMCA D-016 Rev 4:2016
- Bags are fitted with a top-mounted 3/4" inlet valve assembly and quick-release camlock coupling.
- Top-mounted manual dump valve with a lanyard that can be operated from the bottom of the bag
- Clearly labeled Inversion Line attachment point at the crown, with a minimum breaking force of 1.5 x the WLL of the airlift bag.
- Fabricated from durable & UV-resistant 3 ply PVC fabric and RF welded seams for strength and integrity.
- Supplied with User Manual and Logbook

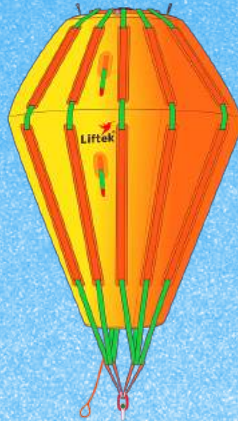


Design of PSAB-100KGS to PSAB-1MT



Design of PSAB-2MT to PSAB-50MT

**PARACHUTE SUBSEA AIRLIFT BAG (PSAB)**  
**WLL: 0.25MT to 50MT**



SL NO.	MODEL	CAPACITY	INFLATED HEIGHT	INFLATED WIDTH	SMALL DUMP VALVE	LARGE DUMP VALVE	3/4" FILL/RELEASE VALVE
1	PSAB-0.1MT	100 KGS	125 CM	70 CM	<input checked="" type="checkbox"/>		
2	PSAB-0.2MT	200 KGS	135 CM	85 CM	<input checked="" type="checkbox"/>		
3	PSAB-0.25MT	250 KGS	145 CM	90 CM	<input checked="" type="checkbox"/>		
4	PSAB-0.5MT	500 KGS	210 CM	125 CM	<input checked="" type="checkbox"/>		
5	PSAB-1MT	1000 KGS	260 CM	145 CM		<input checked="" type="checkbox"/>	
6	PSAB-2MT	2000 KGS	300 CM	175 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	PSAB-3MT	3000 KGS	330 CM	210 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	PSAB-5MT	5000 KGS	410 CM	225 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	PSAB-10MT	10000 KGS	540 CM	275 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	PSAB-15MT	15000 KGS	530 CM	335 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	PSAB-20MT	20000 KGS	575 CM	370 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	PSAB-25MT	25000 KGS	630 CM	385 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	PSAB-30MT	30000 KGS	610 CM	405 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	PSAB-35MT	35000 KGS	650 CM	420 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15	PSAB-50MT	50000 KGS	755 CM	500 CM		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

*All dimensions are approximate and subject to change without prior notice*

## **FULLY ENCLOSED SUBSEA AIRLIFT BAG (FESAB) WLL: 0.1MT TO 50MT**

- Perfect for lifting and buoyancy in shallow waters, slow towing, lowering draft, and surface flotation.
- Manufactured to FOS of 5:1 for the Airlift bag & FOS 7:1 for the Webbing Slings as per the design requirements of IMCA D-016 Rev 4:2016
- Bags are fitted with a top-mounted 3/4" inlet valve assembly and quick-release camlock coupling.
- Bags are integrated with appropriate number of high-quality pressure relief valve for automatic venting.
- Inflating and deflating the bags remotely enhances safety and expands the range of applications they can be used for.
- Clearly labeled Inversion Line attachment point at the crown, with a minimum breaking force of 1.5 x the WLL of the airlift bag.
- Fabricated from durable & UV-resistant 3 ply PVC fabric and RF welded seams for strength and integrity.
- Supplied with User Manual and Logbook



**Automatic Pressure Relief Valve**

# FULLY ENCLOSED SUBSEA AIRLIFT BAG (FESAB)

## WLL: 0.25MT to 50MT



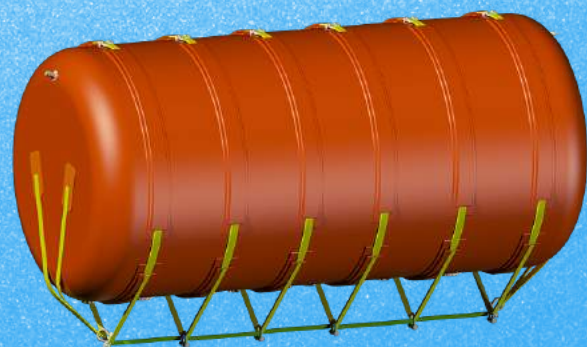
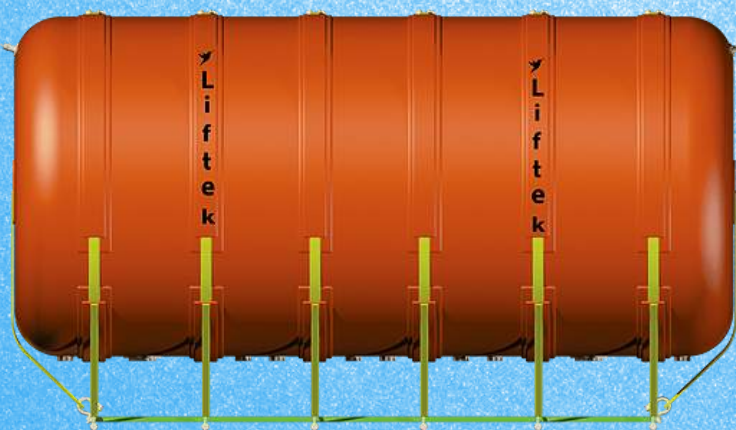
SL NO.	MODEL	CAPACITY	INFLATED HEIGHT	INFLATED WIDTH	3/4" FILL/RELEASE VALVE
1	FESAB-0.1MT	100 KGS	125 CM	70 CM	<input checked="" type="checkbox"/>
2	FESAB-0.2MT	200 KGS	135 CM	85 CM	<input checked="" type="checkbox"/>
3	FESAB-0.25MT	250 KGS	145 CM	90 CM	<input checked="" type="checkbox"/>
4	FESAB-0.5MT	500 KGS	210 CM	125 CM	<input checked="" type="checkbox"/>
5	FESAB-1MT	1000 KGS	260 CM	145 CM	<input checked="" type="checkbox"/>
6	FESAB-2MT	2000 KGS	300 CM	175 CM	<input checked="" type="checkbox"/>
7	FESAB-3MT	3000 KGS	330 CM	210 CM	<input checked="" type="checkbox"/>
8	FESAB-5MT	5000 KGS	410 CM	225 CM	<input checked="" type="checkbox"/>
9	FESAB-10MT	10000 KGS	540 CM	275 CM	<input checked="" type="checkbox"/>
10	FESAB-15MT	15000 KGS	530 CM	335 CM	<input checked="" type="checkbox"/>
11	FESAB-20MT	20000 KGS	575 CM	370 CM	<input checked="" type="checkbox"/>
12	FESAB-25MT	25000 KGS	630 CM	385 CM	<input checked="" type="checkbox"/>
13	FESAB-30MT	30000 KGS	610 CM	405 CM	<input checked="" type="checkbox"/>
14	FESAB-35MT	35000 KGS	650 CM	420 CM	<input checked="" type="checkbox"/>
15	FESAB-50MT	50000 KGS	755 CM	500 CM	<input checked="" type="checkbox"/>

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## **FULLY ENCLOSED CYLINDRICAL BAG (FECB)**

**WLL: 1MT to 50MT**

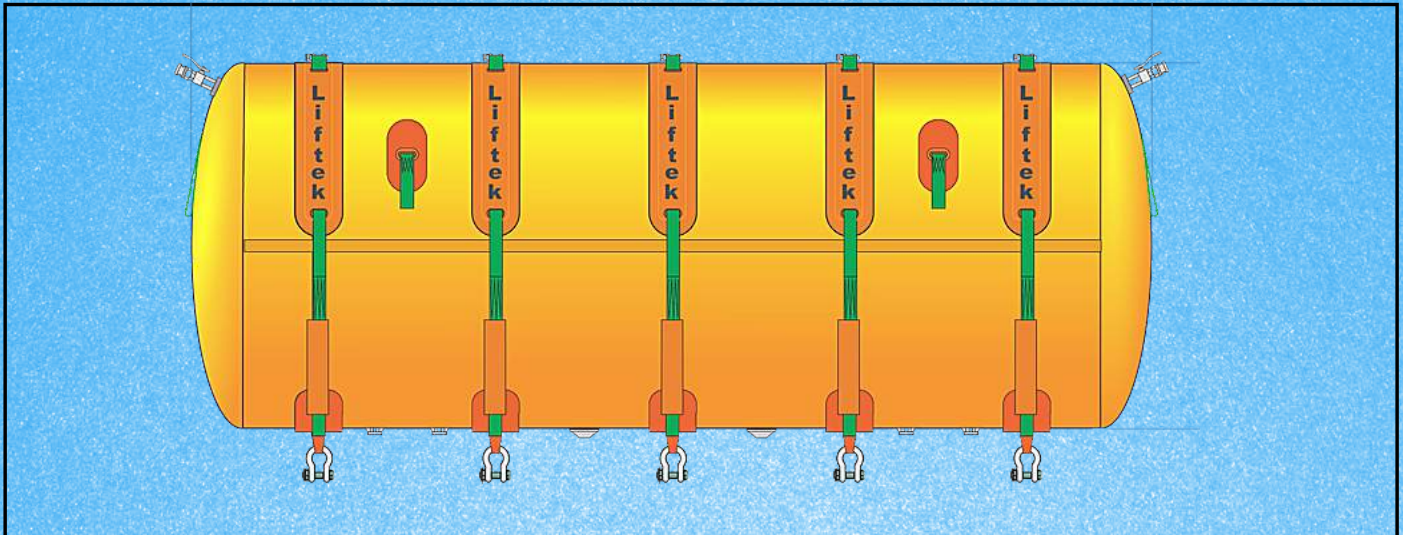
- **Suited for buoyancy and general lifting applications including shallow water and surface flotation and salvage, reducing draft of a vessel, and towing**
- **Manufactured with UV-resistant and durable PVC-coated polyester fabric**
- **HF Welded seams ensure high strength and integrity**
- **Equipped with certified shackles and high tensile polyester webbing for stable lifting and flotation of even difficult-shaped objects**
- **Fitted with suitable automatic air-relief valves and inflation/deflation ports.**
- **Low maintenance and easy to clean**
- **Meets relevant norms of IMCA D-016 Rev 4:2016 guideline**
- **Comes with User Operational Manual and Log Book**





## FULLY ENCLOSED CYLINDRICAL BAG (FECB)

WLL: 1MT to 50MT



MODEL	CAPACITY	INFLATED LENGTH	INFLATED HEIGHT	EMPTY WEIGHT
FECB-1MT	1 MT	210 CM	90 CM	21.5 KG
FECB-2MT	2 MT	220 CM	160 CM	38.5 KG
FECB-3MT	3 MT	265 CM	175 CM	44 KG
FECB-5MT	5 MT	380 CM	180 CM	70 KG
FECB-10MT	10 MT	465 CM	225 CM	120 KG
FECB-20MT	20 MT	640 CM	275 CM	175 KG
FECB-25MT	25 MT	670 CM	280 CM	198 KG
FECB-50MT	50 MT	800 CM	290 CM	420 KG

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## **SINGLE POINT BOUYANCY POD (SPBP)**

**WLL: 1MT to 5MT**

- **SPBP is the perfect solution for providing buoyancy support for pipe-laying operations.**
- **Designed and fabricated for withstanding “through-lifting” and asymmetric loading.**
- **All the lifting components used in SPBP have a minimum FOS of 5:1**
- **The buoyancy pod is fabricated with heavy-duty PVC fabric and has top and bottom stainless-steel lifting points fitted with a certified shackle.**
- **The stainless steel lifting points are connected internally within the pod, using a synthetic sling.**
- **SPBP comes equipped with filling/discharge ball valves and pressure relief valves.**
- **Low maintenance and easy to clean**
- **Meets relevant norms of IMCA D-016 Rev 4:2016 guideline**



**SINGLE POINT BOUYANCY POD (SPBP)  
WLL: FROM 1MT to 5MT**



<b>MODEL</b>	<b>CAPACITY</b>	<b>INFLATED DIAMETER</b>	<b>INFLATED HEIGHT</b>
<b>SPBP-1MT</b>	<b>1000 KGS</b>	<b>95 CM</b>	<b>200 CM</b>
<b>SPBP-2MT</b>	<b>2000 KGS</b>	<b>130 CM</b>	<b>200 CM</b>
<b>SPBP-3MT</b>	<b>3000 KGS</b>	<b>155 CM</b>	<b>220 CM</b>
<b>SPBP-4MT</b>	<b>4000 KGS</b>	<b>160 CM</b>	<b>270 CM</b>
<b>SPBP-5MT</b>	<b>5000 KGS</b>	<b>165 CM</b>	<b>315 CM</b>

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## MODERN FACILITY



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