



Unique Group
Buoyancy & Ballast



NAVALTECH
MARINE TECHNICAL BUREAU

SEAFLEX

LOAD TESTING WATERBAGS SERVICES

**ENSURING
SAFETY
IN TOUGH
ENVIRONMENTS**



www.navaltech.gr



Load Testing Waterbags

NavalTech - Marine Technical Bureau in conjunction with the **Seaflex** brand of **Unique Group's Buoyancy & Ballast** division is now offering the additional services missing in Greece for **load testing**.

We are specialised in:

- **Hire & Purchase** of a wide range of Waterbags (1t - 100t).
- Inspection, load testing and certification of **cranes, davits, lifeboats, gangways** and other **load-bearing structures**.
- **Support, repairing and maintenance** of the **Seaflex** waterbags by our **certified** service engineers.

Our waterbags are available for load tests, purchase and hire from over a dozen worldwide locations and they come with the **highest levels of testing and certification** in the industry - as well as the highest levels of compliance with internationally recognised **IMCA** and **LEEA** guidelines, where applicable.

Our
Philosophy:
**Whenever,
Wherever**

We have a simple philosophy: we will do everything within our power to deliver what our customers need from us, whenever they need it and wherever they need it.





Test your Equipment Efficiently

Our wide variety of waterbags have been safely and efficiently assisting load testing operations of cranes and comes in a **range of capacities from: 1t - 100t** - to allow them to be used **singly** or in **clusters** of up to **300t** from a single hook.

Smaller versions of these water weights have also been developed for the proof test of lifeboats, gangways and other load-bearing structures.

The waterbags could be dispatched to you, upon prior arrangement with us, for rental purposes-fully tested & certified.

Innovation to Improve Operation

Our crane testing waterbags incorporate several unique features to make the user's life easier and to cut down unproductive time during the test cycle.

- Much lighter and easier to transport.
- The '**J**' **Tube** (or swan-neck) filling system - avoiding neatly the risk of the filling hose finding itself trapped between bags.
- All fitted with a 4 inch bronze camlock coupling which accepts a 4 inch discharge hose, the largest in the market, **meaning that less unproductive time is spent in draining out waterbags.**
- Can be used in clusters or singly on a single hook.

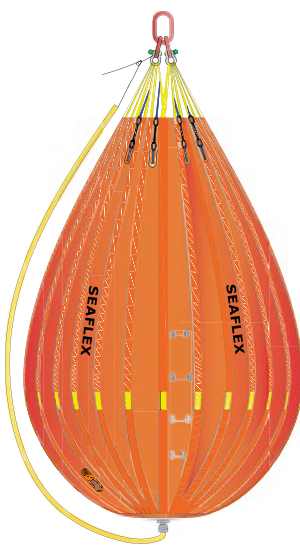




Waterbags - When Only The Best Will Do

For your peace of mind - Quality, Durability and Certification.

- All WLBs are designed, manufactured, tested and certified in accordance with **LEEA** 051 guidelines and in particular they have been drop-tested to prove a **minimum 6:1 factor of safety** on their WLL (4:1 on the 50t WLB due to test rig limitations).
- High performance structural fabric canopy.
- RF welded seams for strength and integrity.
- Strops compliant to BS EN 1492 Part 1.
- They are manufactured in the UK from 100% European materials and components - all of which come with full traceability back to source, recorded in their logbooks.
- **ABS Product Design Assessment (PDA) - the first and currently the only WLBs in the industry to hold this level of certification.**
- Our WLBs are supplied in their own ISPM 15 transit cases to virtually eliminate the risk of damage during transport or storage.



Unit		Packed				Filled	
Type	Kg	L	W	H	Kg	Diameter	Height
1-WLB	1,000	0.50	0.35	0.25	22	1.60	1.90
2-WLB	2,000	0.75	0.40	0.25	33	1.80	2.50
3-WLB	3,000	0.80	0.35	0.30	42	1.80	2.70
5-WLB	5,000	0.90	0.50	0.35	55	2.10	3.70
5LH-WLB	5,000	0.90	0.50	0.35	58	2.20	3.10
10-WLB	10,000	1.10	0.50	0.40	85	2.30	4.80
12.5-WLB	12,000	1.20	1.00	0.40	120	2.70	5.00
15-WLB	15,000	1.20	1.00	0.40	145	2.70	5.40
20-WLB	20,000	1.20	1.00	0.55	160	3.20	5.50
25-WLB	25,000	1.20	1.10	0.65	225	4.00	6.10
35-WLB	35,000	1.20	1.10	0.80	295	4.15	6.60
50-WLB	50,000	2.10	1.20	0.80	416	4.20	8.00
100-WLB	100,000	3.05	1.55	1.10	880	5.60	10.00





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SEAFLEX

Project Engineering and Methods Support - Free of Cost or Obligation

Whereas others may try to sell such equipment from the pages of a catalogue whilst adding no other value to their price and delivery proposition, Seaflex understands the importance to contractors of getting the job done right first time. And the consequences to contractors of getting it wrong...

So, before we quote you for the hire or sale of the best bags in the business, we can offer you advice on the most suitable products for your application, how to rig them, and how to use them - to ensure that you get the outcome you are looking for.

Technicians Providing Load Testing services and Support Worldwide

NavalTech is offering load testing services and support around the globe. We are with you from FEED phase right through to having technicians available to travel worldwide in order to **inspect, service and certify cranes, davits, lifeboats, gangways and other load-bearing structures**. On land or at sea, our commitment to your success is total.





Seaflex Lifeboat Testing Kits (LTKs) - Speed and Safety Assured

The Seaflex LTK comprises up to 20 x 375 kg test bags with robust metallic fittings (sufficient to test an 80 man lifeboat) and a calibrated water meter. It also comes with a multiway manifold with quick connectors, colour coded delivery/discharge hoses and an air driven double diaphragm pump with suction tube and delivery hose - which is rated to work in hazardous environments.

This allows the required load to be safely applied from the outside into tight spaces where traditional solid weights are difficult, and potentially dangerous, to position. Whilst normally used for the testing of lifeboats, the LTK offers the flexibility to, for example, efficiently test certain style of gangways.

The complete kit is supplied in a ISPM 15 compliant timber transit box (fork lift or crane sling) for ease of transport and stowage.





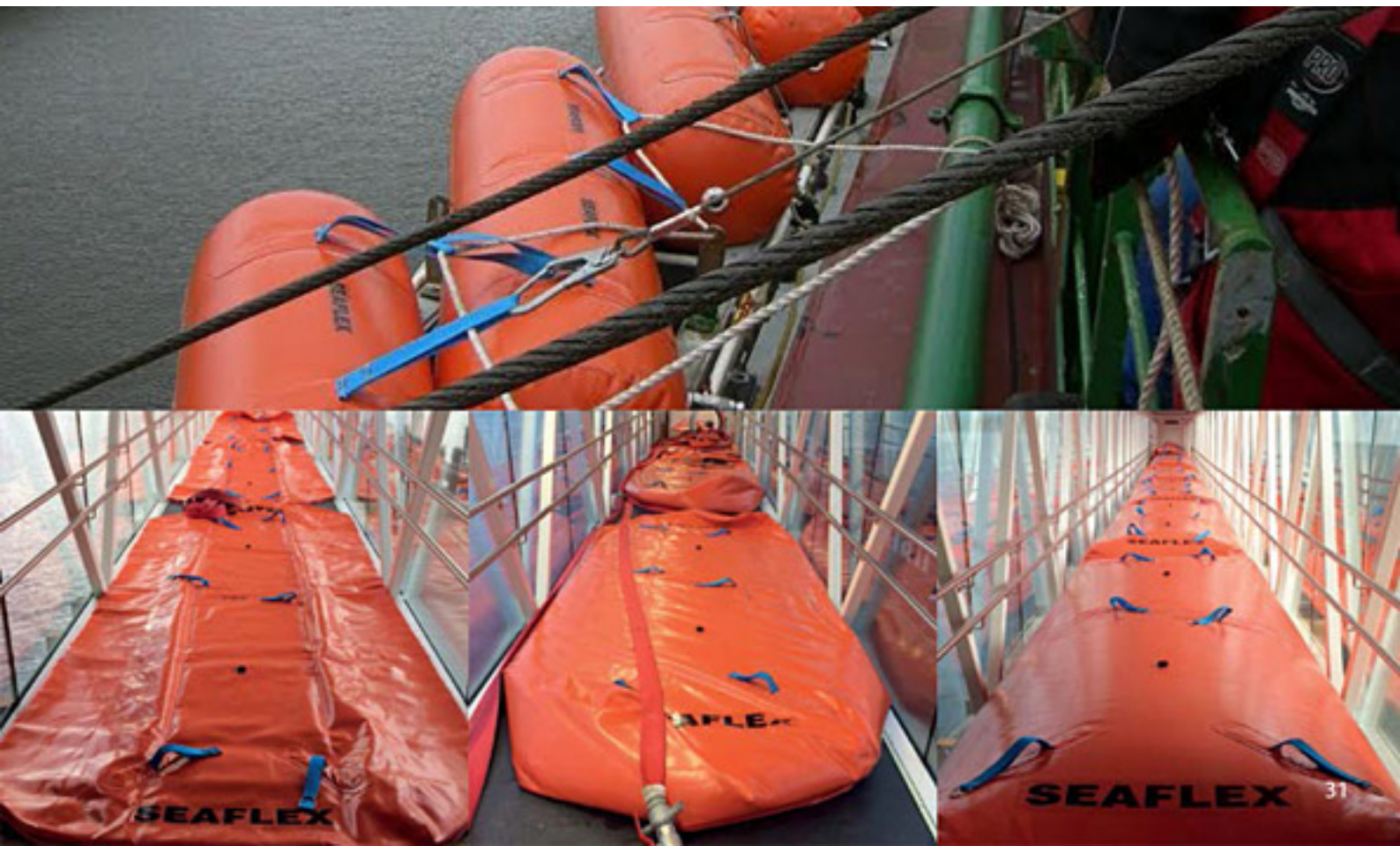
Seaflex Gangway Bags - Safety Guaranteed

We do still hear stories from certain parts of the world about gangways being load-tested by a team of people standing together on one - and then jumping.

Fortunately, that seems to be the exception rather than the rule these days. As with our entire range of water-filled test weights, Seaflex Gangway Testing Bags draw upon the top-quality design and construction principles proven in service over many years with our flagship WaterLoad™ range.

Seeing an increasing number of requests from customers looking for mattress-style bags to test gangways and other similarly-enclosed structures, Unique Seaflex now makes these available for customers to hire or purchase in sizes of their choosing.

Please, contact us with your gangway testing requirements, for us to design up your ideal solution for you.





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WE SHALL BE VERY
HAPPY TO ASSIST YOU
WITH ANY ENQUIRY THAT
YOU MIGHT HAVE

