

JWA



Global Leaders in Welded PVC & PU Manufacturing

Trusted Worldwide



50+ Years Experience



Custom Solutions



Global Network

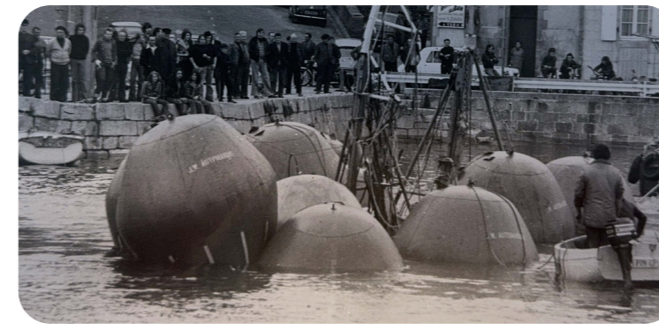
Since 1972, JW Automarine Ltd has been at the forefront of designing and manufacturing high-performance radio frequency welded PVC and PU fabric solutions, trusted across the globe for reliability in demanding environments.

Our History

The company's origins trace back to the 1918 salvage of the sunken steamship Gascony off Littlehampton, where a 9-ton bronze propeller proved difficult to recover. After multiple failed attempts using experimental "Air Bags" to lift the propeller from the seabed, the team recognized the potential of this innovative lifting method.

Years later, inspired by those early experiments, JW Automarine was founded in 1972 to develop and manufacture marine Air Bags for salvage and lifting operations. What began as an improvised solution during a World War I recovery effort evolved into a pioneering business in underwater lifting technology.

On November 24th 1972 Crestbury (under the crest of the wave lies buried treasure!) Ltd trading as JW Automarine was incorporated.



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Marine & Buoyancy

JWA is a globally recognised leader in the manufacture and design of premium air lift bags and water weight load test bags. It serves various applications, including but not limited to marine, offshore, construction and defence.

Renowned for its distinctive yellow colour product, JW Automarine provides solutions that are trusted worldwide for their quality, durability and engineering excellence.

Totally Enclosed Lift Bag

Enclosed Parachute designed for stable use in currents and during re-flotation, low speed towing and positioning.



Capacity
250KG
500KG
1 TONNE
1.5 TONNE
2 TONNE
3 TONNE
4 TONNE
5 TONNE
10 TONNE
15 TONNE
20 TONNE
25 TONNE
30 TONNE
35 TONNE
50 TONNE



Premier Parachute Bag

Open End Parachute design with a single point attachment to the load bearing strap arrangement for safe and controlled subsea lifting.



Capacity
25KG
50KG
100KG
250KG
500KG
1 TONNE
1.5 TONNE
2 TONNE
3 TONNE
4 TONNE
5 TONNE
6 TONNE
10 TONNE
15 TONNE
20 TONNE
25 TONNE
30 TONNE
35 TONNE
50 TONNE

Cylindrical Enclosed Lift Bag

Remote inflation and deflation of JWA Totally Enclosed Cylindrical bags increases safety and provides lifting options for a wide range of applications.



Capacity
50KG
100KG
250KG
500KG
1 TONNE
2 TONNE
3 TONNE
4 TONNE
5 TONNE
6 TONNE
10 TONNE
15 TONNE
20 TONNE
25 TONNE
30 TONNE
35 TONNE
50 TONNE

Modular Pillow Bag

The JWA Modular Pillow Bag (MPB) offers a versatile and dependable buoyancy solution for shallow water recovery and emergency flotation. Can be used vertically or horizontally, offering maximum flexibility for varied rigging arrangements and operational requirements.



Capacity
125KG/275LB
250KG/550LB
500KG/1100LB
1000KG/2200LB

Single Point Lift Bags

The Premier SPLB is a durable, enclosed lift bag designed for safe, efficient subsea lifting and load-through operations, even at off-angles. Its robust construction ensures reliable performance for marine and offshore applications.



Capacity
193KG
2000KG
3000KG
4000KG
5000KG
1000KG

Load Test Equipment

JW Automarine offers a comprehensive range of load testing equipment designed to ensure safety, performance and compliance across marine, offshore and industrial environments. Our equipment includes water-filled load test bags, lifeboat test kits and load measurement devices, all engineered for accuracy, reliability and ease of use.

Whether you're conducting proof load tests on cranes, davits, lifeboats, or lifting equipment, JW Automarine provides robust, certified solutions to meet your testing requirements

Load Water Test Bag

Water load test bags are engineered for the safe, efficient and accurate testing of lifting and structural equipment such as cranes, beams, davits, hoists and walkways. Designed with a high safety factor of up to 6:1 and verified by TUV NEL Type Testing, these bags offer a reliable solution for proof load testing.



PROOF LOAD TEST
Capacity
250KG
500KG
1 TONNE
2 TONNE
3 TONNE
5 TONNE
10 TONNE
20 TONNE
25 TONNE
35 TONNE
50 TONNE
55 TONNE
110 TONNE
LOW HEADROOM
2 TONNE
3 TONNE
5 TONNE
6 TONNE
6.5 TONNE
12 TONNE
12.5 TONNE
15 TONNE



Load Cells

Load cells are engineered to deliver precise and dependable tensile load readings across a variety of lifting and testing operations. Designed with robust, lightweight high-tensile aluminium, these load links offer exceptional strength without compromising portability, making them ideal for both static and mobile applications.

Trusted across marine, offshore and industrial sectors, our load cells provide real-time load data to ensure safety, compliance and efficiency during critical lifting operations.



Lifeboat Test Kits

The JW Lifeboat Test Kit provides a complete, safe and efficient solution for accurate water weight load testing of lifeboats, walkways and structural installations. Designed for ease of handling and durability, it ensures precise results and long service life in demanding marine environments.

Capacity
75KG
100KG
226KG
375KG
500KG



Forces & Rescue

JWA is a globally recognized leader in the manufacture and design of premium air lift bags and water weight load test bags. It serves various applications, including but not limited to marine, offshore, construction and defence.

Renowned for its distinctive yellow equipment, JW Automarine provides solutions that are trusted worldwide for their quality, durability and engineering excellence.

Ordnance Recovery System

The Ordnance Automatic Recovery System (OARS) is a "lift and descend" self inflating air bag system allowing for the controlled subsea and surface movement of UXO Ordnance. In its NATO format, it has been in service around the globe with Military users for over 20 years, clearing shipping lanes and protecting infrastructure and communications.

Key Features:

- Capable to depths of eighty meters.
- Microprocessor controlled rate of ascent and rate of descent.
- Programmable activation/inflation delay up to 45 days.
- 1100 LB or 2205 LB lifting capacity.
- Diver or remote activation options.
- Optional 200m initiation cable.
- Lightweight composite 300bar cylinders.
- Low magnetic option to NATO standards.
- A wide range of custom options available.



Flexi-Dam

Flexi-Dam is a self-supporting liquid containment system featuring an inflatable collar for instant deployment. Designed for rapid emergency response, these solutions provide effective spill containment for water, fuels, and chemicals. Ideal for use in fire fighting, disaster relief, and environmental protection scenarios, they support fast, reliable control of hazardous or high-volume liquids. Trusted by emergency services and industrial teams worldwide, they are widely deployed wherever quick, efficient liquid containment is critical.



Capacity
500L
1000L
2000L
3000L
5000L
6000L
8000L
10000L
12000L
18000L
24000L

Bespoke Capacities.
Ask our team



Flexi-Tainer

Flexi-Tainer provides a simple, flexible and durable solution for the temporary or long-term storage of liquids e.g diesel and fresh water.

Capacity
125KG/275LB
250KG/550LB
500KG/1100LB
1000KG/2200LB



Flexi-Barrier

Water-Filled Flood Barrier offers a fast, effective and reusable solution for temporary flood protection.



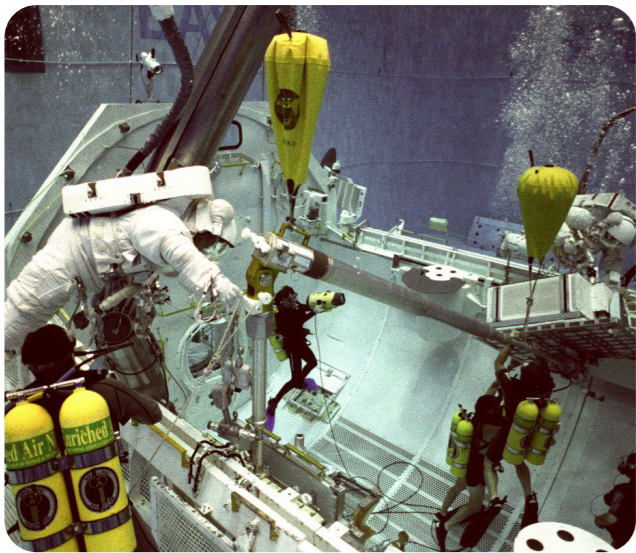
Capacity
500L
1000L
2500L
3000L
5000L
8000L
10000L
12000L
15000L
25000L

Bespoke Solutions


At JW Automarine we bring more than five decades of engineering excellence to bear in designing and manufacturing highly specialised fabric-welded solutions for demanding environments

From film set props that bring cinematic worlds to life, to inflatable whales designed for animal rescue training, our team has the technical skill and imagination to make the extraordinary possible.

Every project is custom-built and tailored to your exact specifications, using premium materials and innovative design to ensure durability, performance and impact.



SCAN HERE



FOR MORE INFO

Gas & Helium Containment

Flexible Gas and Air Storage Systems provide a lightweight, adaptable and cost-effective solution for the containment and recycling of gases or air.

Bespoke Capacities.
Ask our team



Pipe Stoppers & Bungs

Premier Pipe Stopper range offers a fast, reliable solution for temporary sealing and flow restriction in pipes, ducts and tunnels, supporting safe construction, maintenance and repair.



Explore Rental Solutions




JWA Rentals


Since 2020, JWA Rentals has been your go-to partner for the rental and service of water weight load test bags.

Available for rental through our global network, JW Automarine manufactured load test and air lift bags.

With a team of manufacturer approved technicians, JWA Rentals pride themselves in exceeding all industry requirements, at the best price, on time, every time.


Our divisions cater to a broad spectrum of industries, providing both standard and bespoke solutions to meet diverse operational needs.

 United Kingdom

 United States of America

 United Arab Emirates

 Greece

 New Zealand

 Netherlands



Load Test Equipment

JWA iconic water filled weight load test bags offer a safe and flexible solution.

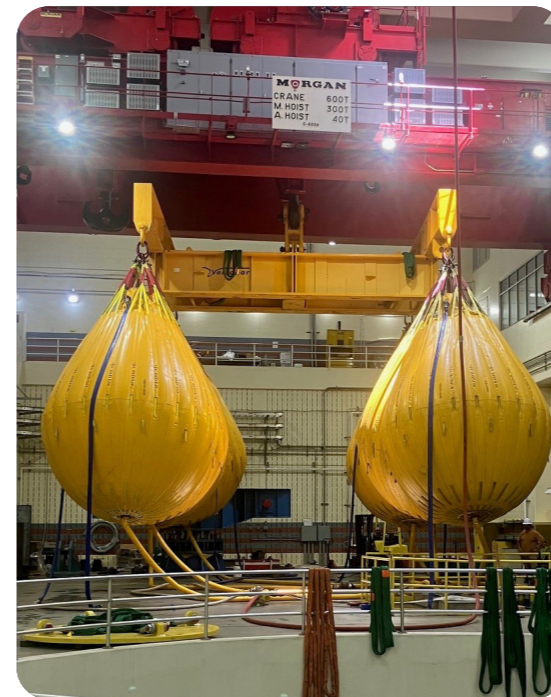
Load test water bags up to 242,510 LB capacity available for rental. Designed and manufactured for safe, fast and reliable performance.

Load Water Test Bag

JWA water weight load test bags are world renowned and lead the load test industry in their design, safety and efficiency.

Serviced and inspected before each deployment by JW Automarine factory trained and approved technicians. Supplied ready for use, complete with instructions for use and certification as required.

JWA Rentals load test bags are deployed with all shackles, links, a 2.5" filling hose and 4" emptying trunk. A wide range of valves and end fittings also available, details on request.



PROOF LOAD TEST
Capacity
250KG
500KG
1 TONNE
2 TONNE
3 TONNE
5 TONNE
10 TONNE
20 TONNE
25 TONNE
35 TONNE
50 TONNE
55 TONNE
110 TONNE
LOW HEADROOM
2 TONNE
3 TONNE
5 TONNE
6.5 TONNE
12 TONNE
12.5 TONNE
15 TONNE

Load Cells

Load cells provide accurate and reliable tensile load monitoring for lifting applications.

Due to the robust, lightweight high tensile aluminium design these load links are ideal for mobile applications



Lifting & Buoyancy Equipment

JWA range of Open Parachute, Enclosed Parachute and Cylindrical Air Lift Bags, have lifted, floated, salvaged and secured offshore and subsea projects and problems around the world.

Premier Parachute Bag

Open End Parachute design with a single point attachment to the load bearing strap arrangement for safe and controlled subsea lifting. All equipment is supplied serviced and inspected before deployment.

Capacity
25KG
50KG
100KG
250KG
500KG
1 TONNE
1.5 TONNE
2 TONNE
3 TONNE
4 TONNE
5 TONNE
6 TONNE
10 TONNE
15 TONNE
20 TONNE
25 TONNE
30 TONNE
35 TONNE
50 TONNE



Cylindrical Enclosed Lift Bag

Remote inflation and deflation of JWA Totally Enclosed Cylindrical bags increases safety and provides lifting options for a wide range of applications. Capacity available between 50kg - 50 Tonne.



Service & Turnkey

Expert Support You Can Rely On

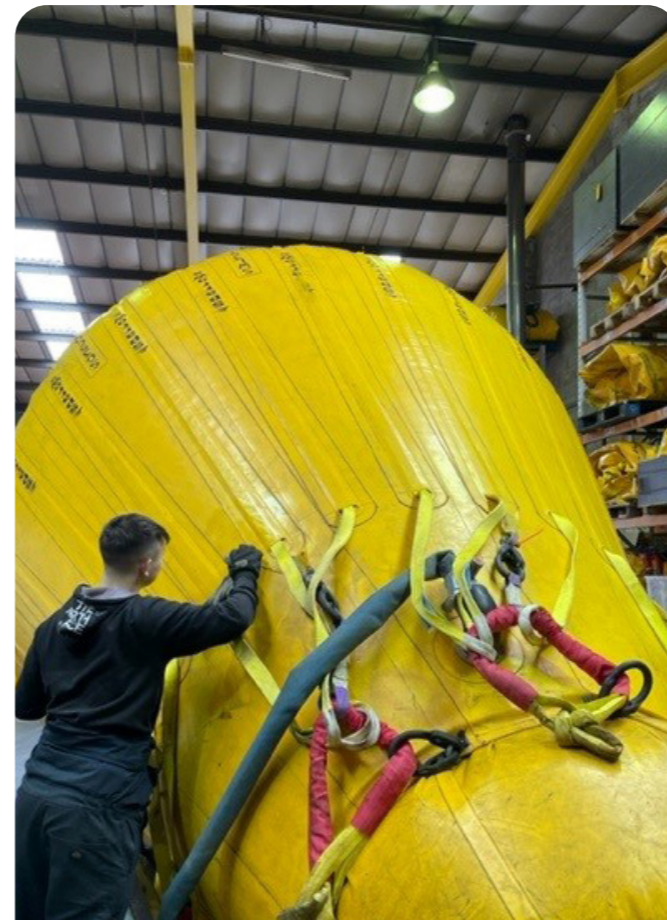
Our manufacturer-trained technicians can attend your site to carry out full inspections, maintenance and certification. Ensuring your equipment meets the strict requirements of:

- PUWER (Provision and Use of Work Equipment Regulations 1998)
- LOLER (Lifting Operations and Lifting Equipment Regulations 1998)
- IMCA LR 007, D 016 – Rev. 5 (International Marine Contractors Association)

Our Servicing Capabilities Includes:

- Pre-use and routine inspections for damage or wear.
- Thorough examinations at least every six months.
- Testing and certification by a competent professional.
- Complete inspection of straps, shackles and lifting sets.
- Inflation testing up to 0.5 BAR following repair or modification.

JWA pride themselves in exceeding industry standards. Every load test bag in our rental fleet undergoes a comprehensive examination after every hire, ensuring it's safe, certified and ready for use when it reaches you.



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FOR MORE INFO



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