



***UNDERWATER LIFT BAGS
ENGINEERED FROM THE BOTTOM UP!***

The Right Product at the Right Time and Place

SUBSALVE USA – Industry Leader in Innovation

Located in Rhode Island since its founding in 1977, SUBSALVE USA Corporation is a recognized innovator in the design and manufacture of engineered inflatables. We hold patents for the Quad Bag, our specialty underwater lift bag, and for the VRS 2000 underwater vehicle recovery system.

Meeting a Wide Range of Needs

SUBSALVE USA has been relied upon by the diving industry worldwide since its inception, as the manufacturer of high quality products for recreational, commercial, scientific and military applications. Our standard underwater lift

bags offer lift capacity ranging from 25 lbs. to 77,000 lbs. in versions with totally enclosed or open bottom designs. Custom products are available for specialized applications.

Advanced Design, Construction and Materials

The excellence we demand in design, materials and construction makes SUBSALVE USA's products the ultimate in lift bags. From the stitching on the straps to the coatings on the fabric, everything has to be absolutely first quality to withstand the harshness of the marine environment. We use high strength synthetics like nylon, polyester or DuPont's Kevlar® (which is four (4) times stronger

than steel), further protected by vinyl and urethane coatings.

Trusted by U.S. and Foreign Governments

Satisfied customers include the U.S. Government as well as 30 foreign governments, with contracts including aircraft lift bags, inflatable oil booms, underwater weapons containers, torpedo flotation systems, submarine transducer flotation systems and booster recovery systems for NASA.

Crisis Response Products Are a Specialty

World conditions have resulted in an increasing demand for crisis response products. For example, SUBSALVE USA created the

Mark V/Orca Underwater Explosive Ordinance Disposal System, which is currently in use by navies worldwide.

Quick Response – You Can Rely on SUBSALVE

When you need standard or custom products because of a crisis, we can help. We have built a multi-million dollar inventory of raw materials and finished products ready to deliver and perform in crisis demand situations—such as the salvage of vessels or aircraft due to accident or storm, or pipeline repair for water treatment and distribution where long shutdowns are impossible.



US Navy using Salvage Pontoons to raise 9,000 ton Russian submarine

Why Buy SUBSALVE?

1. Expertise. SUBSALVE has specialized in the design and manufacture of underwater flotation since 1977. It's all we do and we do it better than anyone.
2. Quality. From innovative product design to state-of-the-art materials, assembled by skilled craftsmen using the best equipment available, we provide the best quality you will find. Each SUBSALVE USA lift bag is tested prior to shipping to ensure performance.
3. Service. Our commitment is to our customer, supported with a 24-hour toll free phone line for your convenience. Our inventory of all standard products has been tripled to insure prompt delivery. As always, we continue to offer a custom design service for those with special needs. In addition, we accept Visa, MasterCard, AmEx and Discover.
4. Proudly made in the USA. Every component part and every ounce of labor is 100% from the USA. 
5. Price. We purchase materials in large volumes from vendors near our factory, allowing us to pass savings along to our customers. Combined with large volume and prepayment discounts, SUBSALVE's prices are lower than any competition!
6. High standards. Meets IMCA (International Marine Construction Association) D-016-AIRBAGS, ABS and U.S. Department of Defense Standards.
7. Warranty. We provide a One-Year Warranty on all our products.



SUBSALVE USA IN ACTION.



Proven Products.



Proven Service.



Commercial Lift Bags

Use these heavy-duty lift bags for light salvage, object recovery, construction and scientific applications. Accomplish the same work easier, with more control and for much less expense than with barges or cranes. Underwater construction managers are always finding new uses – to slip a hydraulic jackhammer to the bottom, repair a nuclear power plant, repair a pipeline or cable, or in shoreline construction projects; to raise moorings, outboard motors, anchors, pilings, tools and boats.

Portable

- Easy for a single diver to use.
- Especially suited for remote locations.
- Can be deployed from small craft.
- Tough enough to last a lifetime
- Each SUBSALVE USA lift bag is tested prior to shipping.
- Meets IMCA (International Marine Construction Association) D-016-AIRBAGS, ABS and U.S. Department of Defense Standards.
- Fabric:
 - High strength, heavy-duty, urethane-coated nylon
 - Superior abrasion resistance
 - Not affected by most petrochemicals
 - UV resistant
- Lift Straps:
 - 6000 lb. rated strength resin-treated nylon
 - Sewn directly to the bottom of the lift bag
 - Safe working ratio of 6:1

Easy to Use

- Proprietary Plunger Dump Valve – air control with a push-button at the top of the bag and a

lanyard at the bottom. Vent air from above, beside or below the lifting bag to achieve desired ascent rate.

- ¼" NPT inflation port for remote filling, multiple bag manifold, or to install optional stainless steel quick disconnect.
- Factory-equipped with all necessary hardware – ready for immediate use.
- Custom sizes and designs are available to meet special requirements.



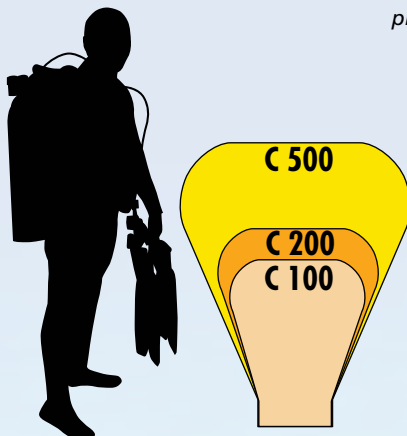
Commercial Lift Bags raising a cannon from the treasure ship "Conception."



Commercial Lift Bag replacing a flange plate at the Atlanta Aquarium.



Commercial Lift Bag raising a porthole.



Model	Lift Capacity	Diameter	Overall Height	Packaged Cubic Dimension	Weight
C 500	550 lbs 250 kgs	2' 5" 0.74m	3' 7" 1.07m	15" x 11" x 7" .38m x .28m x .18m	12.0 lbs 5.45 kgs
C 200	220 lbs 100 kgs	1' 10" 0.56m	3' 0" 0.92m	15" x 11" x 7" .38m x .28m x .18m	7.0 lbs 3.18 kgs
C 100	120 lbs 55 kgs	1' 4" 0.41m	2' 6" 0.77m	14" x 10" x 6" .36m x .26m x .15m	5.0 lbs 2.27 kgs



Enclosed Flotation Bags

When you need to float an object close to the surface, use SUBSALVE's "pillow" shaped Enclosed Flotation Bags in any position – upright or flat, outside or inside of structures – for vessel salvage, auto recovery and emergency flotation systems for ships, aircraft, submersibles and ROVs. Attaching these inside a sunken vessel saves money by reducing the number of conventional bags that must be rigged to the outside of the wreck and thereby reducing dive time. All sizes available.

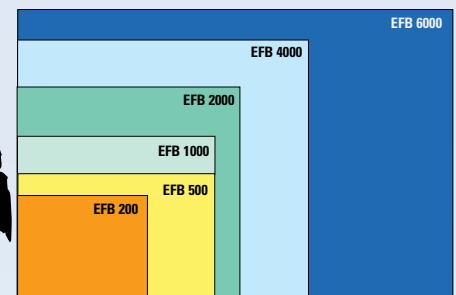
Adaptive – configure it to your needs

- Configure a multitude of rigging combinations.
- Use with a single pick point (shackle supplied on the bottom of the bag).
- Invert to use the two stainless steel rings on the top of the bag with two pick points.
- Rugged Fabric:
 - High strength, heavy-duty, ballistic-rated, urethane-coated nylon fabric
 - Superior abrasion resistance

- Not affected by most petro-chemicals
- UV resistant in shallow water/boulder bag design
- Harness:
 - Heavy nylon lift harness built into the body of the lift bag
 - Safe working ratio of 6:1
 - Also available in shallow water "boulder bag" configuration
- Fittings for safety and ease of use:
 - Equipped with all necessary hardware – ready for immediate use
 - 3/4" NPT inflation/deflation port
 - Stainless steel quick disconnect for inflation
 - Pressure relief valves: set to release at 2.5 psi above ambient pressure
 - Enough pressure relief valves are installed in each bag to allow expanding air to vent should a free ascent occur
- Each SUBSALVE USA lift bag is tested prior to shipping.
- Custom sizes available



Model	Lift Capacity	Height	Length	Packaged Cubic Dimension	Weight	Attachment Points
EFB 6000	6,600 lbs 3,000 kgs	6' 4" 1.94m	9'4" 2.87m	26"x18"x13" .57mx.45mx.33m	90lbs 40.8 kgs	3 Top 1 Bottom
EFB 4000	4,400 lbs 2,000 kgs	5' 9" 1.77m	6'3" 1.92m	22"x15"x13" .56mx.38mx.33m	70 lbs 31.7 kgs	2 Top 1 Bottom
EFB 2000	2,200 lbs 1,000 kgs	4' 7" 1.41m	5'0" 1.54m	20"x15"x9.5" .51mx.38mx.24m	50 lbs 22.7 kgs	2 Top 1 Bottom
EFB 1000	1,100 lbs 500 kgs	3' 8" 1.13m	4'3" 1.31m	18"x13"x10" .46mx.33mx.26m	32lbs 14.5 kgs	2 Top 1 Bottom
EFB 500	550 lbs 250 kgs	2' 8" 0.82m	4'3" 1.31m	17"x12"x8" .44mx.31mx.21m	20 lbs 9.1 kgs	2 Top 1 Bottom
EFB 200	220 lbs 100 kgs	2' 5" 0.74m	3'2" 0.97m	15"x11"x7" .38mx.28mx.18m	12 lbs 5.4 kgs	1 Bottom



Professional Lift Bags

When the U.S. Navy asked us to develop a flotation device that would dependably withstand particularly abusive conditions, SUBSALVE USA produced the 5-ton Deep Ocean Lift Bag, which has unprecedented strength, low elasticity and superior resistance to abrasion and chemical attack. It became our standard Professional Lift Bag design.

Our most versatile and easy-to-use, these open-bottom, balloon-shaped lift bags with a single attachment point are essential in construction, heavy and light salvage and many offshore tasks.

- "Inverted water droplet" design facilitates maximum lift capacity with least possible weight, with stress distributed evenly over fabric surface.
- Equipped with all necessary hardware and ready for immediate use.
- Each SUBSALVE USA lift bag is tested prior to shipping.
- Rugged UV resistant Fabric:
 - High strength, heavy-duty, ballistic-rated, urethane-coated nylon fabric
 - Superior abrasion resistance
 - Not affected by most petro-chemicals

Easy to Use

- Proprietary Plunger Dump Valve – air control with push-button at top of bag and lanyard at bottom. Vent air from above, beside or below lifting bag to achieve desired ascent rate as well as 1/4" NPT inflation port.

Below 2 Tons

- Multiple nylon lift straps sewn directly to bottom of lift bag, which bears load and provides safe working ratio of 6:1.

2 Tons and Over

- Designed with a replaceable heavy-duty nylon webbing lift harness fabricated into the skin of the bag, which bears the load and provides a safe working ratio of 6:1.
- Fitted with a 3/4" NPT inflation port and a 3/4" stainless steel ball valve for deflation.

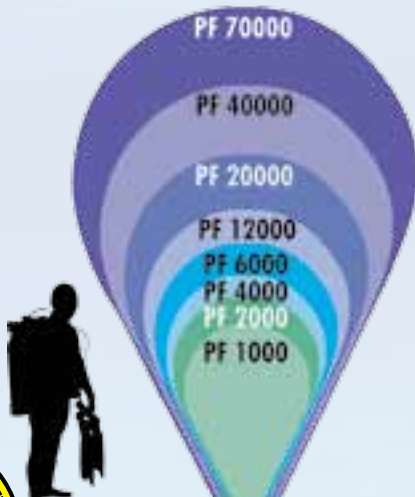


Used as a water Test Weight Bag for cranes, life boats, davits, etc.



Raising the Spiegel Grove, a 510 ft. U.S. Navy troop transport.

Model	Lift Capacity	Diameter	Overall Height	Packaged Cubic Dimension	Weight
PF 70000	77,000 lbs 35,000 kgs	12' 0" 3.69m	21' 6" 6.77m	41" x 48" x 38" 1.05m x 1.23m x .97m	410 lbs 186.9 kgs
PF 40000	44,000 lbs 20,000 kgs	10' 0" 3.07m	16' 9" 6.16m	41" x 48" x 24" 1.05m x 1.23m x .62m	325 lbs 147.7 kgs
PF 20000	22,000 lbs 10,000 kgs	7' 9" 2.38m	12' 2" 4.10m	41" x 48" x 18" 1.05m x 1.23m x .46m	190 lbs 86.2 kgs
PF 12000	12,200 lbs 5,500 kgs	5' 10" 1.79m	10' 10" 3.33m	41" x 41" x 12" 1.05m x 1.05m x .31m	125 lbs 56.7 kgs
PF 6000	6,600 lbs 3,000 kgs	5' 1" 1.56m	9' 0" 2.77m	41" x 41" x 8" 1.05m x 1.05m x .21m	80 lbs 36.3 kgs
PF 4000	4,400 lbs 2,000 kgs	4' 6" 1.38m	7' 10" 2.41m	24" x 24" x 24" .62m x 1.23m x .97m	50 lbs 22.7 kgs
PF 2000	2,200 lbs 1,000 kgs	3' 8" 1.13m	5' 3" 1.62m	20" x 15" x 9.5" .51m x .38m x .29m	30 lbs 13.6 kgs
PF 1000	1,100 lbs 500 kgs	2' 11" 0.90m	4' 8" 1.44m	18" x 13" x 10" .46m x .33m x .26m	17 lbs 7.7 kgs



Salvage Pontoons



Load testing the SP70000 for the U.S. Navy.

Totally-enclosed, cylindrical bags are ideal for shallow water salvage, reducing the draft of a vessel or raising an object closer to the surface. They are invaluable in cable and pipeline operations and where long tows are planned.

- Available in both standard cylinders and elongated tubes.
- Each SUBSALVE USA lift bag is tested prior to shipping.
- Rugged Fabric:
 - High strength, heavy-duty, ballistic-rated, urethane-coated nylon fabric
 - Superior abrasion resistance
 - Not affected by most petrochemicals



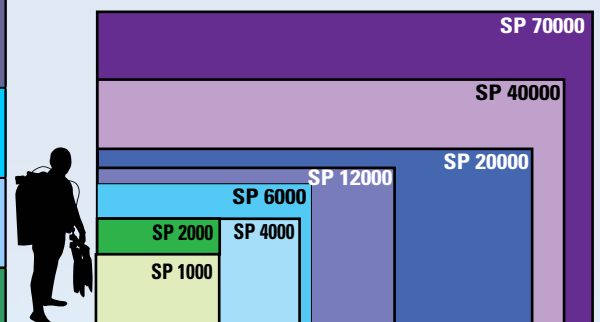
- UV resistant
- Fittings:
 - Replaceable, heavy-duty nylon webbing lift harness is built into the body of the lift bag, with a safe working ratio of 6:1
 - The harness maintains the lift bag in a horizontal position while insuring maximum stability
 - Equipped with shackles, valves and all necessary hardware and ready for immediate use
 - 3/4" NPT inflation port with 3/4" stainless steel ball valve for inflating and deflating
 - Stainless steel quick disconnect for inflation
 - Pressure relief valves set to release at 2.5 psi above ambient pressure

Salvage pontoons used to reduce draft of tugboat during launch.

Model	Lift Capacity	Diameter	Length	Packaged Cubic Dimension	Weight	Attachment Points
SP 70000	77,000 lbs 35,000 kgs	10' 0" 3.08m	15' 6" 4.77m	41" x 48" x 48" 1.05m x 1.23m x 1.23m	425 lbs 193 kgs	6
SP 40000	44,000 lbs 20,000 kgs	7' 8" 2.36m	15' 1" 4.64m	41" x 48" x 38" 1.05m x 1.23m x .97m	375 lbs 173 kgs	5
SP 20000	22,000 lbs 10,000 kgs	5' 9" 1.77m	13' 6" 4.15m	41" x 48" x 24" 1.05m x 1.23m x .62m	190 lbs 86 kgs	4
SP 12000	12,200 lbs 5,500 kgs	5' 4" 1.54m	10' 0" 3.10m	41" x 41" x 18" 1.05m x 1.05m x .46m	140 lbs 64 kgs	4
SP 6000	6,600 lbs 3,000 kgs	4' 5" 1.36m	6' 8" 2.05m	41" x 41" x 12" 1.05m x 1.05m x .31m	97 lbs 44 kgs	2
SP 4000	4,400 lbs 2,000 kgs	3' 8" 1.13m	6' 6" 2.05m	26" x 18" x 13" .67m x .46m x .33m	80 lbs 36 kgs	2
SP 2000	2,200 lbs 1,000 kgs	3' 8" 1.13m	4' 4" 1.23m	22" x 15" x 13" .56m x .38m x .33m	50 lbs 23 kgs	2
SP 1000	1,100 lbs 500 kgs	2' 4" 0.72m	4' 0" 1.23m	20" x 15" x 9.5" .51m x .38m x .24m	30 lbs 13 kgs	2

Caution:

Salvage Pontoons have multiple attachment points. All attachment points must be connected with the shackles provided, and the load evenly distributed. Large pontoons may require a separate lifting beam to evenly distribute the load.



Vehicle Recovery Systems – VRS2000 & VRS4000

The SUBSALVE USA VRS 2000 and VRS 4000 are the only self-contained vehicle recovery systems available today. We have been refining every aspect of this system for over twenty years, incorporating input from the commercial and public safety diving communities as well as experience with actual recoveries. This all-purpose system is portable for rapid deployment.

- Each SUBSALVE USA lift bag is tested prior to shipping.
- Equipped with all necessary hardware – ready for immediate use.
- Each lift bag assembly folds into heavy-duty, zippered carrying case with nylon handles and adjustable shoulder strap.
- Rugged Fabric:
 - High strength, heavy-duty, ballistic-rated, urethane-coated nylon
 - Superior abrasion resistance
 - Not affected by most petro-chemicals
 - UV resistant
- Used by 250 domestic and fifty worldwide public safety dive teams

VRS 2000 for automobiles and vehicles

VRS 4000 available for trucks, buses and larger vehicles

- Two 2000 lb. enclosed flotation bags with a pocket for an 80 cu.ft. aluminum SCUBA cylinder.
- The air cylinder connects to lift bag with SCUBA yoke and hose assembly with one-way check valve for easy tank changes, while preventing any loss of air from bag.
- Two stainless steel lift rings on top and two on bottom of bag, allow lift bag to be rigged either flat or upright.
- Bottom lift rings are each equipped with a 3' length of 1/4" galvanized proof coil chain and stainless steel snap carabiner on the end.
- All components pack into two carrying cases, (51" long by 20" high by 10" wide), and weigh about 65 lbs



Also available:

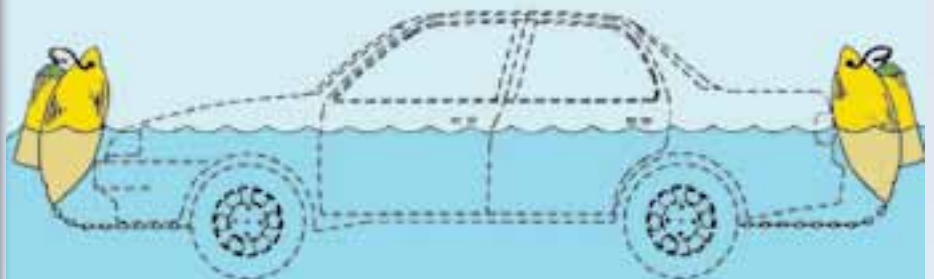
- An optional two-valve station stainless steel manifold assembly with quick disconnects, shut-offs, and two 50' hose assemblies for remote or controlled inflation.
- SUBSALVE VRS 2000 sales and instructional video, 18 min. DVD.
- U.S. Patent No. 5,755,172



Rhode Island State Police performing a vehicle recovery with the VRS 2000.



Lift rings spaced 40" apart and the carabiner on the end of the chain, allow quick and easy attachment to the front and rear bumpers or shock brackets of most vehicles. Bags can also be rigged to cradle the car by connecting the two 3' chains together to pass under the vehicle.



A pressure relief valve in each corner prevents blow-up and allows the diver to manually vent the bag from any corner. A 3/4" stainless steel valve at the top center of each life bag allows rapid deflation.



VRS 4000 Helo

The US Coast Guard asked us to create a system to aid in recovery of downed helicopters. The result is our VRS 4000-Helo, a system of two 4500 lb. capacity enclosed flotation bags with an integral inflation system, designed for aircraft that frequently fly over water.

- Pocket for 80 cu. ft. aluminum SCUBA cylinder for inflation
- Manually operated inflation valve inflates bags in approximately two minutes.
- The air cylinder is connected to the lift bag with a SCUBA yoke and hose assembly with a one-way check valve for easy tank changes while preventing any loss of air from the bag.
- Two stainless steel lift rings on top. One stainless steel lift ring on bottom of lift bag with high strength snap hook for rapid attachment.
- All components pack into two velcro-close valises, (51" long by 20" high by 10" wide), and weigh approximately 65 lbs.
- Rugged Fabric:
 - High strength heavy-duty, ballistic-rated, urethane-coated nylon fabric Provides Superior abrasion resistance
 - Not affected by most petro-chemicals
 - UV resistant



- Each SUBSALVE USA lift bag is tested prior to shipping.
- Equipped with all necessary hardware – ready for immediate use.
- Each lift bag assembly folds into a heavy-duty, zippered carrying case with nylon handles and an adjustable shoulder strap

Pneumatic Aircraft Lifting Bag

The Aircraft Lifting Bag is used to lift crippled aircraft from terrain where it is impractical or impossible to use standard aircraft jacks. SUBSALVE USA is currently manufacturing these airlifting pneumatic bags for the U.S. Air Force, as well as many other foreign air forces throughout the world (NSN #173-00-263-2962).

- Constructed of the same urethane-coated nylon as our underwater lift bags, these lift bags are highly resistant to extreme atmospheric temperatures, abrasion and petrochemicals
- Equipped with all necessary hardware – ready for immediate use
- Each SUBSALVE USA lift bag is tested prior to shipping
- Inflated dimensions: 90" x 78" x 72"
 - Weight: 185 lbs.
 - Lift Capacity: 12 Tons
 - Custom Sizes also available

Accessories:

- 3/4" diameter 50' inflation hose
- Ground cover



Mark V/Orca – Underwater Ordnance Disposal System



This self-contained system is specifically designed for the removal of underwater mines, weapons or explosives.

- Can be deployed by a single diver from a remote location, such as an inflatable boat.
- Designed to operate to full lift capacity to a depth of 175' with the standard two cylinder kit, and to 330' with the quad cylinder kit.
- Equipped with all necessary hardware – ready for immediate use.
- Each SUBSALVE USA lift bag is tested prior to shipping.
- Meets the non-magnetic MIL specification MIL-M-19595 (also available in a magnetic version)

The Mark V/Orca System includes:

- A 2500 lb. (1200 kgs.) enclosed pontoon manufactured of heavy-duty yellow 40 oz. Urethane-coated nylon fabric for high abrasion resistance and fuel resistance.
- Also available in 1,100 lb. (500 kg) version.



- Two 80 cu.ft. aluminum or 100 cu.ft. aluminum, or optional lightweight 87 cu.ft. fiber-wrapped cylinders
- Pressure relief valves
- Inflation manifold
- Tank harness
- Electric actuation valve
- Surface command unit

Other options include:

- Carrying bag
- Rigid storage box with carrying handles
- Time delay actuator
- Acoustic actuation
- Spare parts
- Tool kit
- Repair kit
- Quad cylinder kit allows for operation at deeper depths)



The Mark V/Orca Underwater Explosive Ordnance Disposal System replaces the obsolete U.S. Navy Mark II Mod I Flotation Bladder (NSN #8465-00-992-6689) of which SUBSALVE delivered over 200 units over the last decade.

The new Mark V/Orca System is approved by the U.S. Navy and is in use by over 25 navies throughout the world.



Quad Bags

Tech divers, wreck divers, beach and boat divers use this multi-purpose bag as a lift bag to recover items from the depths, as an upline float to mark their location, as a decompression line, as a drybag, or an inflatable dive flag/float to warn off boaters. (After the dive, they put their wet suit in it to keep the car dry.)

Quad Bags are ready to go

- Manufactured of high-strength, lightweight, vinyl-coated nylon fabric.
- Can be rolled up small enough to carry on every dive.
- Screened on both sides with a bright red "divers down" flag for high visibility.
- Equipped with an oral inflator and an optional lanyard-operated dump valve.
- Equipped with:
 - Velcro tie strap
 - Bottom waterproof closure
 - Brass snap
 - Oral inflator
- Equipped with all necessary hardware – ready for immediate use.
- Each SUBSALVE USA lift bag is tested prior to shipping.
- U.S. Patent No. D-362,817



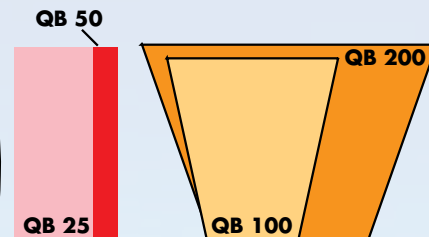
Using a Quad Bag to raise a propeller.



Accessories (ordered separately)

- "The Quad Bag" – Sales and instructional video 16 min. DVD.

Model	Lift Capacity	Width	Overall Height	Packaged Cubic Dimension	Weight
QB 200	205 lbs 93 kgs	3' 4" 1.02m	3' 0" 0.92m	15"x10"x3" .38mx.26mx.08m	2.5 lbs 1.13 kgs
QB 100	105 lbs 47 kgs	2' 4" 0.72m	2' 6" 0.77m	15"x10"x2" .38mx.26mx.05m	1.5 lbs 0.68 kgs
QB 50	55 lbs 25 kgs	1' 2" 0.36m	2' 6" 0.77m	15"x10"x2" .38mx.26mx.05m	1.0 lbs 0.45 kgs
QB 25	26 lbs 11 kgs	10" 0.28m	2' 6" 0.77m	15"x10"x1" .38mx.26mx.025m	0.75 lbs 0.34 kgs



Accessories

SUBSALVE USA carries a complete line of lift bag accessories including:

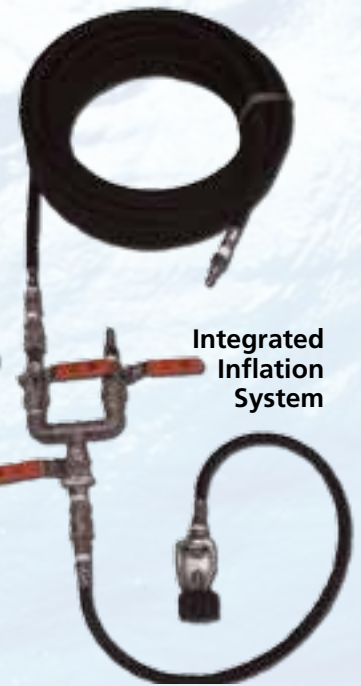


MN-8

2,4,8 Station Manifolds



IYH- Inflation Yoke Assembly



Integrated Inflation System



MN-2

MN-4



Stainless Steel Ball Valve
1/4" NPT
3/4" NPT
1 1/4" NPT



Shackle
5/8" to 2"



Flex Straps

- The SUBSALVE Flex Strap is a 3" x 10' heavy nylon lift strap with 4 sets of lift eyes per strap
- 6000 lb. Safe working load
- 2 straps per set

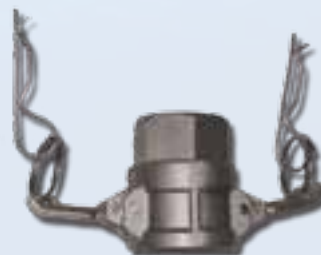


IHA- Inflation Hose Assembly
3/8" x 50' with stainless steel



Stainless Steel Quick Disconnect

Pressure Relief Valves



3/4" Cam-Lock Coupler



PRV-S



PRV-F



PRV-L



Repair Kit



Custom Flotation Service

Special Projects Require Custom Approaches

SUBSALVE USA's experienced designers, engineers and fabricators have established an enviable record of solving really difficult flotation problems. We work closely with customers to custom-develop practical, tested and proven products in a timely and cost-effective manner. Call us to discuss your unique undertaking.

- Remote-triggered flotation device carried on the ALWT (Advanced Light Weight Torpedo)
- Flotation system for the installation of transducers onto attack submarines
- Flotation system for NASA used in the recovery of the space shuttles' rocket launch boosters
- Moving instrumentation towers designed for collecting weather or oceanographic data



RAFCAP

RAFCAP Remotely Actuated Flotation Capsule

RAFCAP's totally self-contained system includes the inflation mechanism, the flotation device, hydro-dynamically hard or soft container, for applications including hydrophone streamers, submersibles, remote vehicles, aircraft, instrumentation and tool packages.

- Capable of operation in depths up to 2,000 feet
- Available in configurations to lift from 100 to 5,000 lbs.
- Can be actuated mechanically, electrically or acoustically



Salvage Float Balloon/Cable Float

Available in Custom sizes Manufactured of heavy-duty urethane coated nylon fabric to US Military specification NSN 2050-00-574-7963 and in accordance to dwg. No. 4563094.

Includes 3 stainless steel lift rings and inflation port. Used for light salvage as well as cable flotation and suspension. Part no. SFB-300

Dimensions: 38" diameter
Lift Capacity: 200 – 300 lbs.
Color: International Orange
Weight: 4 lbs.



Roller Bags



Used for moving and relaunching beached or grounded vessels of any size. Standard size is 18 inch diameter by 10 feet long. Custom sizes available.



Our Clients



Commercial Lift Bags used by NASA in the Neutral Buoyancy Lab to move sections of the International Space Station during astronaut training.



Enclosed Flotation Bags used to raise a downed helicopter by Italia Fire Brigade.



Mark VI Orca used to raise an underwater mine off Pearl Harbor, Hawaii.



US Coastguard Divers using Professional Lift Bags to lift and service a communication and monitoring tower.

GOVERNMENT

- Argentinean Navy
- Army Corps of Engineers
- Australian Navy
- Austrian Navy
- Bureau of Alcohol, Tobacco & Firearms
- Canadian Coast Guard
- Canadian Forces School of Military Engineering
- Canadian Navy
- Chilean Navy
- Ecuadorian Navy
- E.P.A.
- F.B.I.
- Finnish Navy
- German Navy
- Greek Air Force
- Israeli Navy
- Italian Navy
- Japanese Defense Agency
- Korean Maritime Police
- Mexican Navy
- Michigan State Police
- Moscow Airport
- National Marine Fisheries
- National Park Service
- N.A.S.A
- Naval Undersea Warfare Center
- New York State Police
- New Zealand Navy
- N.O.A.A.
- Norwegian Navy
- Panamanian Navy
- Peruvian Navy
- Romanian Navy
- Royal Canadian Mounted Police
- Royal Thai Navy
- Saudi Arabian Government
- Singapore Navy
- South Korean Navy
- Spanish Navy
- Swiss Military
- Taiwan Navy
- Tennessee Valley Authority
- Turkish Air Force
- U.A.E. Government
- US Army
- US Air Force
- US Border Patrol
- US Coast Guard
- US Department of Interior
- US Geological Survey
- US Merchant Marine Academy
- US Navy



Our Clients

COMMERCIAL

Acergy US, Inc.
ADS Inc.
Amron International, Inc.
Aqua Air Industries, Inc.
Aqua Lung
Aquatica
Arco
Atlantis Submarines
Bisso Marine Co., Inc.
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Casco Antiguo
Chevron
CBS Entertainment - CSI Miami
Deca Diving Equipment of America
Deutsche Unterwasser
Discovery Channel
Disney Cruise Lines
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Dive Rescue International
Divers Supply, Inc.
Duke Energy
Exxon
Florida State University
Geico Insurance
General Dynamics
General Motors
Global Diving & Salvage, Inc.
GPC
Halliburton Subsea
High-Tech Diving & Safety, Inc.
Institute of Nautical Archeology
Interspiro
Jack Vilas & Associates, Inc.
Lockheed Martin
Lufesa Divers
National Polytechnic College of Engineering & Oceaneering
Mainstream Commercial Divers, Inc.
Mar-Vel International, Inc.
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Metro Goldwyn Mayer
Modern Continental Construction
Monterey Bay Aquarium
Moran Towing
Nippon Kaiyo
Northrop Grumman
Oceaneering International, Inc.
Phoenix International
Resolve Marine Group, Inc.
SAIC
Scripps Institute of Oceanography
Sea Tow International
Submarine Manufacturing & Products LTD
Texas A&M
The Ocean Corporation
Pennsylvania State University
Titan Maritime, LLC
Tow Boat US
Trim Systems
Underwater Construction Corporation
United Space Alliance
United Technologies
Universal Studios
University of California
Vessel Assist
Warner Brothers
Woods Hole Oceanographic

Salvage Pontoons assisting to reduce the draft during the launching of a newly constructed tugboat at Gladding & Hearn.



Professional Bags lifting 6 ton marble column sections from a 200 bc Roman shipwreck off of Turkey.



Custom Vertical Pontoons manufactured to allow accurate horizontal control during large pipe and valve maintenance and assembly.



Salvage Pontoons used to raise the stern of a ferry in Australia to allow the propeller and rudders to be serviced.



Professional Lift Bags used to raise a sailboat from under the ice in Lake Powell, Nevada.



Subsalve USA Corporation



SUBSALVE USA

SUBSALVE USA manufactures Professional and Commercial Lift Bags, Enclosed Flotation Bags and Custom Flotation devices. Standard bags are available in lift capacities from 25 to 77,000 lbs. SUBSALVE Custom Flotation Service engineers and manufactures flotation devices for special applications that exceed the capabilities of our standard lift bags. Meets IMCA (International Marine Construction Association) Standards. Each SUBSALVE USA lift bag is tested prior to shipping, and must meet rigorous U.S. Department of Defense requirements.

PIPE PLUGGER



Nothing temporarily closes a cavity or seals an opening better than an inflatable plug. PIPE PLUGGERS are heavy duty, inflatable pipe plugs especially designed for use during the construction, maintenance and repair of pipelines. Stock sizes are available from 6" to 95" in diameter, and custom sizes can be furnished to meet special needs.

INFLAT-A-TANK



INFLAT-A-TANK manufactures a rugged, flexible container for water, fuel or sanitary discharge. Made of a heavy duty, urethane-coated nylon fabric in sizes from 10 to 3000 gallon capacity, and equipped with appropriate fittings, INFLAT-A-TANK is adaptable for boats, campers, mobile homes and industry. Tanks are affordable, easy to install and require minimum maintenance.

MAX-SEA-LIFT



The MAX-SEA-LIFT emergency flotation system is suitable for use in commercial and pleasure craft of all types and sizes. This system consists of a series of inflatable bags manifolded together to one or more inflation sources. It can be installed in new or old vessels from 20 to 200 feet in length and customizes as necessary to meet unique requirements. It is ideal for offshore fishermen and racers.

FEND-AIR



FEND-AIR Inflatable Marine Fenders provide maximum protection to recreational, commercial and military vessels of all sizes, and can be rigged horizontally or vertically. Manufactured of high strength, heavy-duty urethane and vinyl coated nylon fabric with puncture and abrasion resistance and resistance to petro-chemicals, they are lightweight and easy to deploy; deflate for storage. www.fendair.com

To order or for further information, call or write:

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FAX (401) 884-8868

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