

survitec

# BESPOKE INFLATABLE SOLUTIONS

PROVIDING CRITICAL SAFETY SOLUTIONS



# PROVIDER OF BESPOKE INFLATABLE PRODUCTS, OVER BRAIDING AND FABRIC ENGINEERING

## Solving problems. Creating concepts. Driving innovation.

As the world's largest supplier of Inflatable Life Saving Systems, Survitec has extensive knowledge of developing inflatable structures for niche markets. Using the latest technology and engineering practices to advance our impressive portfolio of custom-build products, we remain at the forefront of an evolving industry. Our management and production process is specifically designed to allow our team the flexibility to prototype any concept presented to us. We pride ourselves on our adaptability and are confident that our scope for bringing new and innovative inflatable products to market remains unmatched.

## R&D Capabilities

### We can design and manufacture even the most progressive visions.

#### Fabric Engineering

Customer specific requirements are made possible by Survitec's technical approach to fabric engineering. Based on experience gained and lessons learned during the design, development, certification and supply of many bespoke products to various programs, Survitec can offer unrivalled experience during the development process. Exclusive supply chain partnerships with market leading materials developers offer an unmatched capability to integrate breakthrough technologies. As a prime contractor with the capability to design, develop and release to service integrated clothing assemblies or individual garments, Survitec has the ability to take a new generation fabric from concept through design, manufacture and integration and finally to market. Capabilities in this area

include Pilot Flight Equipment, CBRN Protective Clothing, Load Carriage Garments, Parachutist Oxygen Systems, Military Stowage Bags, Aircraft Thermal Protective Covers, Thermal and CBRN Protective Shelter Liners.

#### Overbraiding

Survitec is a global leader in the application of Overbraided technology onto functional pressurised structures. In conjunction with military and government sponsors, Survitec has developed rapidly deployable fascines for vehicle gap crossing requirements. Other capabilities include control surfaces for unmanned vehicles and flexible actuators for a wide range of industrial applications.

Our design experts are constantly exploring the very latest developments in materials, process technology and product design to meet and surpass the expectations of our customers and the international approval authorities in all product sectors.



Overbraiding

## Bespoke Products

### Car Dummies

The Survitec Car Dummies are developed and made for testing of driver assistance systems such as brake assist. The Car Dummies are made from heavy duty, high quality materials and withstand repeated and prolonged usage for many years. With seven different models available, the Survitec Car Dummies are well known in the industry and are already in operation with brands in the automotive industry, including Mercedes, Porsche, Volkswagen, Opel, BMW and Fiat as well as component suppliers such as Continental, Bosch, and TRW that use our "Soft Crash Targets".



### Sewer Sealing Cushions

The Survitec Sewer Sealing Cushions are an economical alternative to conventional pipe plugs and offers a range of diameter versatility. Survitec sewer sealing cushions are made for sewer rehabilitation, waste water treatment, and rescue operations. Our durable, lightweight sealing cushions are available in a wide variety of sizes, each covering a broader range of pipe diameters. The Sewer Sealing Cushions are easily repairable, light weight and offer longevity. These sewer sealing cushions can also be produced incorporating a standard sewer-grade pipe in the centre. The bypass pipe allows flow to be directed through the jobsite without the need for pumps, to create a safe, dry working environment.



## Bespoke Products

### Gas Storage Balloons

The Survitec Gas Storage Balloons are used for multiple applications including storage, pressure regulation and recycling of gases and fumes such as CO<sub>2</sub> and N<sub>2</sub>, as well as inert gases including Argon and Helium. Employed by a large number of users, the gas storage balloons can be found in breweries, clean gas producers, sewage and biological gas storage installations and research and environmental institutes.

Standard cylindrical shapes range from 1m<sup>3</sup> up to 300m<sup>3</sup> and spherical designs from 1m<sup>3</sup> up to 300m<sup>3</sup>. Each product is constructed from high-tensile rubber coated fabric ensuring excellent chemical and ageing resistant properties.



### Flexible Containers

The Flexible Containers are used for temporary or permanent storage of a wide range of fluids and granules. Offered in three different forms, the flexible containers can hold any weight ranging from 1000 to 10000 litres. Survitec Flexible Containers are employed for a large variety of purposes including temporary or permanent storage of water, heating and diesel oil, fuel, chemicals, and other fluids in a stationary or transport mode. The Flexible Containers are used in a wide variety of industries such as fire brigades, water authorities, emergency services, oil tank cleaners and the military.

#### Frame Supported Containers: (right)

Frame supported open-top-containers are used for short-term storage of static water or the rapid collection of chemicals or dangerous liquids in the event of accidents. The frame tubes can be made of galvanized steel, brass or stainless steel. Filling and emptying fittings can be embodied as required. Standard sizes are 1800 and 3000 litres.

#### Flexible Containers: (middle)

Closed cushion shape or open-top self-erecting act as water reservoirs for industrial or firefighting use by constructors and fire brigades or for salvage of chemical fluids in case of accidents. Filling and emptying fittings can be embodied if required. Standard sizes range in volume from 1500 to 5000 litres.



## Bespoke Products

### Inflatable Tubing and Collars

Survitec have been providing safety and recreational equipment to the recreational park industry for more than 25 years. We currently supply all major European and American theme parks including: Disney Parks, Busche Gardens, Europa Park, Hansa Park, Hyde Park and Asterix Park to name a few. Our two most sought after products are:

- Tubing and collars for theme park rides
- Two man boats for use on waterslides

Survitec has diversified and refined foam and inflatable collars for RIBs and Inflatable Boats.



# SERVICE STATIONS LOCATED GLOBALLY FOR EASE AND PEACE OF MIND



**EXPERT GERMAN ENGINEERING APPLIED TO CREATE BESPOKE SOLUTIONS FOR EMERGENCY SERVICES.**

**SPECIALISED INFLATABLE TECHNOLOGY FOR WHEN IT MATTERS MOST.**



## Inflatables for Emergency Purposes

### Fast Inflation Tent (FIT)

Capable of widespread customisation in design, shape, colour and accessories, this product offers extensive adaptability making it suitable for a variety of uses. Lightweight with small stowing dimensions and an inflation time of a mere 40 seconds, the Survitec Fast Inflation Tent is the ideal solution for emergency situations.

Used previously as temporary field hospitals, military headquarters and refugee accommodation, the Survitec Fast Inflation Tent is a truly adaptable and distinguished product for today's first responder.



### Fast Inflation Shower

Survitec has designed and manufactured high-grade Fast Inflation Showers to suit every obligation. Our innovative concept incorporates a fast inner over pressure air system which allows no polluted air to enter the unit, enabling first responders to use as a decontamination unit. Used by the Swiss Military, the Fast Inflation Shower can be retracted quickly and be reused immediately if required.



### Aircraft Evacuation Slides

Created for airline training centres, the Survitec Aircraft Evacuation Slide is available in over twenty variants. Our advanced resources and design ensure that our product is one of the most durable on the market and will withstand repeated and prolonged usage for emergency training sessions for many years. We have designed and produced more than 20 types of aircraft evacuation slides for the most popular cabin emergency evacuation training such as A389, A340, B747 and B777 to name a few.

Used extensively by some of the biggest brands in the aviation industry, including Lufthansa, Emirates, Ethiat, and the Austrian and Turkish airlines, the Survitec Aircraft Evacuation Slide holds reign to innovation and has become the most trusted product of its kind.



# Inflatables for Emergency Purposes

## Maintenance Lifting System

The Maintenance Lifting System has been designed specifically for vehicles, tanks and aeroplane maintenance. With a lifting capacity ranging from 220lbs to 132,000lbs, it enables the user to be able to perform maintenance with ease and safety. The Survitec Maintenance Lifting System is made from a specially woven 'drop-thread' fabric coated with a neoprene compound to be resistant to oils and fuels while providing excellent durability in all climatic conditions. The base fabric is woven to form a frame with the upper and lower surfaces linked by drop threads. When the Maintenance Lifting System is inflated, the drop threads restrict expansion and create a flat slab

of even thickness sustainability enhancing the lateral stability of the elevator structure. The Survitec Maintenance Lifting System is a total package of:

**Maintenance Lift** - pneumatic elevators, inflation equipment, anchorage system

**Maintenance movement** - sledge system

**'Hands-on' user training** - dedicated programmes tailored to end-user's needs



## Rescue Cushions

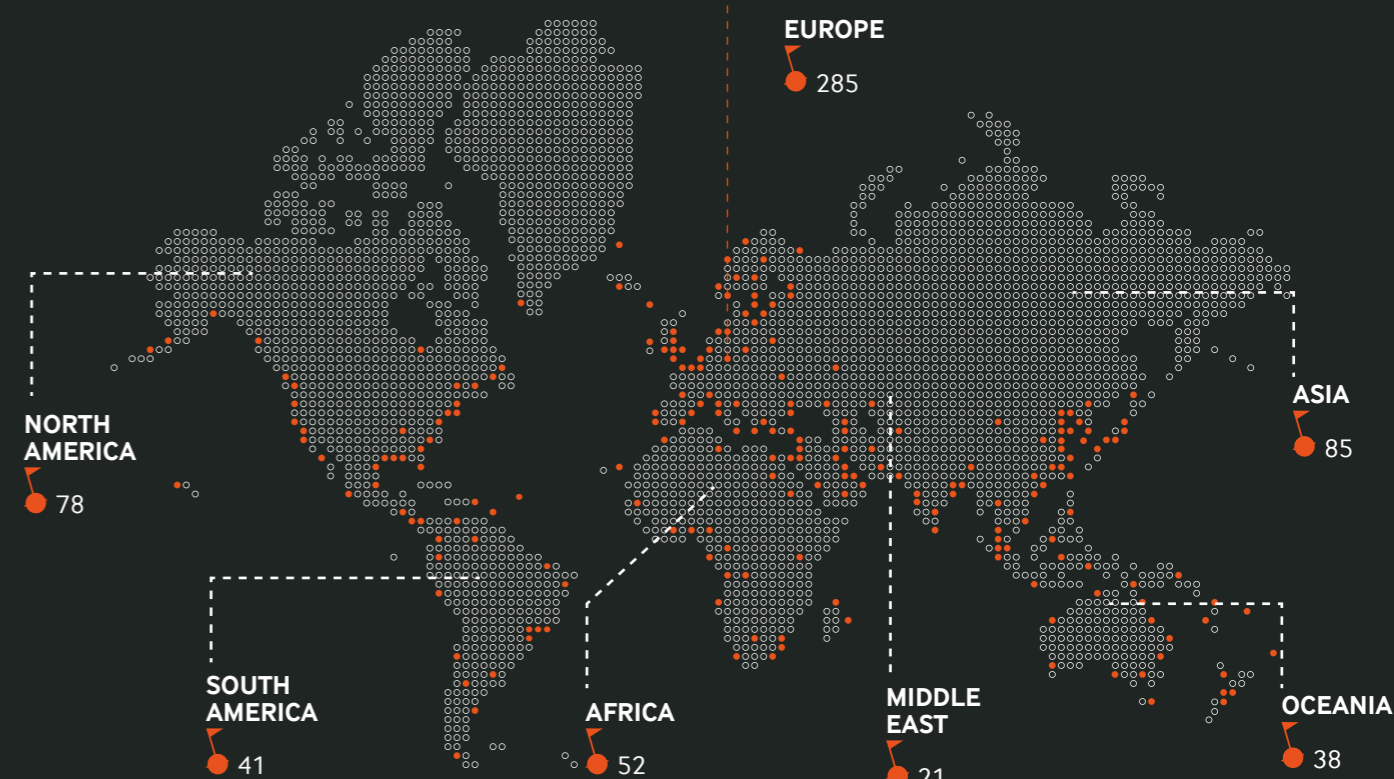
Our light weight and easily storable inflatable frame supports an outer cover made from highly durable fabric coated with flame retardant PVC. The patented design self-inflates in just 30 seconds making it ideal for emergency situations, and with an improved lifetime of 15 years guaranteed, our customers can be confident in the products' consistency. Over 5,500 units have been sold to a diverse range of end users, including the Berlin Fire Brigade who operate approximately 170 Survitec Rescue Cushions. The Rescue Cushions come in four sizes that meet the approved rescue heights of 16m, 23m, 30m and 40m.



# THE WORLD'S LARGEST SERVICE AND RESTOCK NETWORK



**CENTRE OF EXCELLENCE & DESIGN HUB**  
Eschershausen



With over 90 years of experience and expertise, we are the world's leading survival technology company. Our know-how extends throughout 600+ service stations and over 3500 qualified service technicians. Leveraging an extensive depth of expertise, we offer a technical approach proven to reduce risk and investment, through successful delivery of solutions to many military and civil programs.



## GET IN TOUCH

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