



**OUR PASSION:  
DIVING**

**OUR JOB:  
EQUIPMENT**

**OUR MOTTO:  
HIGHTECH MADE IN EUROPE**



For decades, we have been focused and passionate about one thing in our lives: DIVING!

In all its facets; from tropical coral reefs, to cold freshwater lakes, to deep wrecks and cave systems all over the world.

We at SCUBAFORCE share your passion.

And in all that time we have learned what is really important for diving equipment.

PERFOMORMANCE - SAFETY – COMFORT

Whenever we develop new products these three premises are in the foreground.

- The best performance.
- The highest level of security.
- The greatest comfort.

Over the years, we have repeatedly brought innovative products to market that implement our three premises in a unique way.

**Here are just a few examples:**

- SF2 ECCR rebreather - the most flexible and most compact rebreather currently available on the market.
- COBRA HARNESS - the perfect combination of safety and comfort.
- ARCTIC X-NINE - Insulation and mobility on a previously unknown level.

**And now this story continues:**

- EXPLORER NST - the new Dry Suit with revolutionary manufacturing technology.

We always look „outside the box.“ Take advantage of our high-tech location in Germany. Visit trade shows that appear to have nothing to do with diving such as the TECHTEXTIL. Gather information and inspiration.

And then create unique products, true to our motto:  
HIGHTECH MADE IN EUROPE

**Immerse yourself in the world of SCUBAFORCE,  
let yourself be inspired as we do, and then begin  
your next diving adventure – as do we!**



**SCUBAFORCE XPEDITION****A NEW DIMENSION IN  
DRY DIVING****AGILITY MEETS  
DURABILITY!**

In cooperation with our material supplier, Fothergill Polycom, we have developed a dry suit that sets new standards.

Fothergill's newest, innovative TYGATEX® material combines two of the most important factors for a dry suit: agility and durability. The ripstop nylon with a polyester feel meets all of the important requirements for dry suits. Easy dressing; wonderful texture, and excellent movement.

Additionally, the manufacturing and assembly process of the XPEDITION sets new standards.

Most importantly, the new SCUBAFORCE Double Seal Technology. In a process which was developed by SCUBAFORCE, all seams are double sealed. Based on our decades of experience with Aquasure sealed seams, we are additionally combining this proven technology with an extra machine-coated tape. This specialized seam tape is manufactured by a German company that typically provides products to the automotive industry. Flexibility and abrasion resistance are the main factors here.

**With the new XPEDITION we adhere to  
our motto:**

**HIGHTECH MADE IN  
EUROPE**

In addition, the XPEDITION offers many unique features:

**OPS - Overlay Protection System**

The XPEDITION has the Overlay Protection System - OPS. The OPS protects the suit on exposed areas (shoulders, back, arms). We offer the OPS in two different materials, Kevlar and Cordura. Thus the XPEDITION can be individually tailored. Kevlar is coming in two styles – classic and triangle. The Cordura is available in different colors (See Features).

**Perfect Fit & New Sizes**

A diagonal front zip combined with a telescopic torso provides the perfect fit. This combination also allows for independent entry and exit. The XPEDITION comes in five sizes for woman and nine sizes for men. We also offer a Custom Made Version (made to measure suit).

Lady Sizes: XXS, XS, S, M, L

Man Sizes: XS, S, M, ML, L, LL, XLS, XL, XXL

**Unique Boot Selection**

Select between two different styles, at no additional charge. Choose between Dry Boots or Slim Line Boots depending on the application or individual preference. The size of your boot can be customized for the perfect fit.

Dry Boots are available in sizes from 38 – 50 (European); 5/6 – 13/14 (International)

Slim Line Boots are available in sizes from S – 4 XL

**Integrated XBP Bellow Pockets**

The basic configuration of the XPEDITION provides two XBP bellow pockets. These large-volume suit pockets provide the diver with a secure space to store equipment. A reinforcement rod in the outer pocket cover assures easy location and open and close, even when wearing thick gloves. Integrated bungee loops allow you to attach your equipment and guarantee that everything stays within reach. Additional internal pockets offer even more storage room and separation for necessary equipment such as wetnotes.

**Additional Features:**

Latex seals (neoprene and silicone seals (SITECH) for an additional charge); High Performance inlet and exhaust valves; integrated knee and leg protection; suspender system; integrated waist adjust system; great warm neck collar; crotch strap; Dynat metal zipper.

Overlay colors: black, red, yellow, blue, olive, pink, camouflage.



**SCUBAFORCE EXPLORER NST****NO STITCH TECHNOLOGY  
THE FUTURE BEGINS TODAY!**

For decades, trilaminated drysuits have been produced in the same manner. In an elaborate process, waterproof material is sewn together by a machine which perforates the material and creating thousands of holes that must be subsequently sealed with an additional process and method. In particular, in highly congested areas, such as the crotch region, the procedures are very complicated and there are after longer periods of use integrity issues and leaking at the seams. Unfortunately, until today there was no alternative. But only until now - because the future starts today.

**With the EXPLORER NST, SCUBAFORCE presents a unique dry suit which is produced in a completely new method.**

After more than three years of developmental work and in cooperation with a high-tech machinery company from Germany, we are now very proud to introduce the SCUBAFORCE **NO STITCH TECHNOLOGY** drysuit.

With this NST process, the main seams of the drysuit are welded with an ultrasonic welding machine and remain WATERPROOF. In contrast to conventional production with sewing machines, the material is not "perforated", but connected without damage to each other! By utilizing this welding process, no water can seep into the suit.

Ultrasonic welding machines are incredibly high-tech. In addition to the welding components (anvil wheel and horn), the machines are equipped with a CAN bus-controlled automatic control which permanently monitors the entire welding process and ensures that a consistent, high-quality welding result is guaranteed.

Not only are the welds of an EXPLORER NST waterproof, they are also constructed for incredible freedom of movement. The seams are able to increase the mechanical strength of the weld and are reinforced on the inside of the suit with a stable, highly abrasion-resistant tape. This tape is also applied (pressure / temperature) via machine under control of the main parameters. Although it is not necessary, all of the welded seams are additionally reinforced with this tape, thus offering double security.

This new modern method of production, combined with high quality materials, make the EXPLORER NST unmatched in performance. Durability, freedom of movement, weight - the new SCUBAFORCE suit sets the standards for the future of diving dry.

**DETAILED FEATURES****Perfect Fit & New Sizes**

A diagonal front zip combined with a telescopic torso provides the perfect fit. This combination also allows for independent entry and exit. The EXPLORER NST comes in five sizes for woman and nine sizes for men.

Lady Sizes: XXS, XS, S, M, L

Man Sizes: XS, S, M, ML, L, LL, XLS, XL, XXL

**OPS - Overlay Protection System**

The EXPLORER NST has the Overlay Protection System - OPS. The OPS is made from a very strong Cordura material and protects the suit on exposed areas (shoulders, back, arms).

**Integrated XBP Bellow Pockets**

The basic configuration of the EXPLORER NST provides two XBP bellow pockets. These large-volume suit pockets provide the diver with a secure space to store equipment. A reinforcement rod in the outer pocket cover assures easy location and open and close, even when wearing thick gloves. Integrated bungee loops allow you to attach your equipment and guarantee that everything stays within reach. Additional internal pockets offer even more storage room and separation for necessary equipment such as wetnotes.



**SCUBAFORCE EXPLORER NST****NO STITCH TECHNOLOGIE  
THE FUTURE BEGINS TODAY!****Unique Boot Selection**

Select between two different styles, at no additional charge. Choose between Dry Boots or Slim Line Boots depending on the application or individual preference. The size of your boot can be customized for the perfect fit.

Dry Boots are available in sizes from 38 – 50 (European); 5/6 – 13/14 (International)

Slim Line Boots are available in sizes from S – 4 XL

**Additional Features**

- Latex seals
- Neoprene and silicone seals (SITECH) for an additional charge
- High Performance inlet and exhaust valves
- Integrated knee and leg protection
- Suspender system
- Integrated waist adjust system
- Great warm neck collar
- Crotch strap

**Dry Suit Hood**

The SCUBAFORCE hood is made off neoprene and offers you a thermal collar. Due to the thickness of the neoprene of 8 mm the hood is especially suitable for cold water temperature. It is characterized particularly by its enormous wearing comfort. One way vent - to get air out of the hood without getting water in.

**Pee Valve**

Adequate hydration is essential to proper hydration. A Pee Valve allows a diver to feel comfortable drinking plenty of fluid even before the dive begins. The SCUBAFORCE Pee Valve features an extremely flat construction (outer body only 0.3"). The check valve is integrated into the inner body. The large diaphragm diameter reduces drag while urinating to a minimum.

**SCUBAFORCE Carrying Bag**

The SCUBAFORCE carrying bag is an innovative concept that allows for a great method of storing and transporting your drysuit and then once at the dive site, opens to reveal a great changing mat for on-the-go convenience.

**SCUBAFORCE THENAR DRYSUITS GLOVES**

The ultimate Dry Glove System for divers who are constantly searching for the best product. Made from the highest quality materials, the SCUBAFORCE Thenar system offers unmatched performance.

The key components are the hard-anodized aluminum rings with their unique oval shape. The shape of the rings was modeled after the Thenar muscle in the wrist. Thus, the system provides a small scale while retaining the maximum diameter. The smaller the profile, the better the handling.



The system is simply interlocked and sealed over thick, robust O-rings. The gloves are stable, highly rip and tear resistant and still offer a high degree of mobility. Protection rings for the suit and glove side round off the overall positive impression. And finally: of course high-quality fleece gloves are included with the Thenar system.



**Thenar ring  
C=12 inches**

**D=4,33 inches**

**standard ring  
C=14 inches**

**ARCTIC X-NINE**  
**AN UNDERSUIT, SETTING  
 NEW STANDARDS**



#### The Power-Duo

The ARCTIC X-NINE is currently one of the warmest drysuit undergarments on the market. The combination of two layers of TecnoStretch® with an additional 400g Type B Thinsulate™ filling provides unrivaled insulation values. TecnoStretch® is produced in Europe and has many positive attributes. To begin with, it is lightweight, supple, bi-elastic and highly breathable. Additionally, it is washable and provides a high wind protection. Thinsulate™ offers extremely high insulation values compared to similar materials. Furthermore, it is also highly breathable as well as moisture absent. Therefore, this combination guarantees not only extreme insulation from cold, but also a very high wearing comfort. The suit arose from a joint project with 3M™ Germany and has been developed carefully to achieve maximum insulation values. Both material layers are sewn separately. The result: A highly comfortable, highly flexible, breathable and washable undersuit. ARCTIC X-NINE – Our Response to cold.

#### Extreme breathability

The patented material steadily protects the skin from moisture.

#### High wearing comfort

Thanks to the high wearing comfort combined with extremely high insulation characteristics, it is the ideal companion when diving with a trilaminated dry suit. Thanks to the special material combination the ACRTIC X-NINE offers the ideal solution for long and warm dives – especially in colder waters.

#### Pockets

The X -Nine model comes with two pockets in the leg area and a small zipper pocket on right upper arm.

#### Knee and elbow patches

Even better insulation properties through the use of 200g Type B Thinsulate™ in the leg (thigh and knee) and arm (elbow).

#### Pee Valve implementation

The X-NINE has two passages in optimum position for Pee Valve- and / or heating implementing.

#### Suitable for allergic persons

Various tests show that TecnoStretch® is suitable for those who suffer from allergies.

#### Features

- One-piece suit
- Material: 2 layers TecnoStretch® material (300 gr/m<sup>2</sup>)
- 400g original 3M™ Type B - Thinsulate™ filling
- 200g original 3M™ Type B - Thinsulate™ filling (thigh, knees, elbow)
- Size: XS – XXL (unisex)
- Also available in following sizes: ML, LL, XLS
- Solid two-way zipper
- Two pockets in the leg area
- Zipper pocket on right upper arm
- Insulation capability: high
- Bi-elastic
- Extremely breathable
- Wind resistant
- Washable
- Hypoallergenic



**THE ARCTIC X-PURE**

**OUR CLASSIC,  
COMPLETELY REVISED  
AND IN A NEW DESIGN**

**TecnoStretch® Technology**

The ARCTIC X-PURE is made of two layers of TecnoStretch®. This material, produced in Europe, combines many positive properties. TecnoStretch® is a lightweight, supple, bi-elastic and breathable material. In addition, you can wash it and it will protect you against the wind. To achieve maximum insulation both material layers are stitched separately and at critical points the material is accompanied by a pressure resistant "spacer" fabric (Chest, back, arms and knees). These significantly improved insulation properties are achieved in particular in the horizontal position in the water, while the freedom of movement is not restricted allowing for maximum flexibility.

The ARCTIC X-PURE is a incredibly versatile and highly adaptable undergarment. In milder water temperatures, the X-PURE is an excellent choice under your trilaminar drysuit and in colder water, works well in combination with the ARCTIC X-BASIC for the perfect layering to keep you warm.

**Extreme breathability**

The patented material keeps the skin dry even during physical exertion and wicks moisture away from the body.

**Great comfort**

Due to the high wearing comfort, combined with extremely high insulation properties, it is the ideal companion for use under a trilaminar drysuit at moderate water temperatures.

**Features**

- Material: two layers TecnoStretch® material per 300 gr/m<sup>2</sup>
- Sizes: XS - XXL (Unisex)
- Solid two-way zipper
- Sleeve pocket with zipper
- Insulation capacity: very high
- Bi-elastic
- Extremely breathable
- Wind resistant
- Washable
- Hypoallergenic
- Pee Valve implementation (left and right)

**TecnoStretch® Technology**

The ARCTIC X-BASIC is a single-layer undersuit made of TecnoStretch®. The material is made in Europe. It combines many positive attributes. To begin with, it is lightweight, supple, bi-elastic and highly breathable. Additionally, it is washable and provides a high wind protection. Thanks to the superior material properties, the ARCTIC X-BASIC is a highly convenient as well as mobile undersuit. Used as functional underwear or in combination with an additional undersuit, such as the ARCTIC X-PURE, it offers the ideal solution for long and warm dives – especially in colder waters.

**Extreme breathability**

The patented material steadily protects the skin from moisture.

**High wearing comfort**

Thanks to the high wearing comfort of the X-BASIC, it is the ideal companion when diving with a neoprene dry suit.

**Suitable for allergic persons**

Various tests show that TecnoStretch® is suitable for those who suffer from allergies.

**Features**

- Material: TecnoStretch® Material (300 gr/m<sup>2</sup>)
- Set consisting of trousers and shirt
- Size: XS – XXL (unisex)
- Insulation capability: medium
- Bi-elastic
- Extremely breathable
- Wind resistant
- Washable
- Hypoallergenic

**X-SOX**

The best solution for really warm feet. Made of our proven undergarment material. Fully elastic and breathable. Two layers TecnoStretch® guarantee a perfect fit and high insulation properties.  
Sizes: S/M, L/XL, XXL.

**X-HOOD**

A beanie which not only looks good, but also keeps you warm. Made of highly elastic TecnoStretch® fleece.  
Sizes: S/M, L/XL.



## SCUBAFORCE X-HEAT SYSTEM

### HIGHTECH MADE IN GERMANY

The new SCUBAFORCE X-Heat heating system was constructed with the special requirements of technical diving in mind. The suit is made of TecnoStretch®; which is a lightweight, elastic, washable and highly breathable material and steadily wicks moisture from the skin.

The heating pads are sealed within a layer of Cordura and are 100% waterproof.

Both the plug connection and grommets are waterproof and have an ingress protecting rating of IP68.

The heating pads are constructed with silver heating threads that can't break and offer extreme flexibility.

The pads achieve a surface temperature of 110 degrees Fahrenheit and ensure plenty of heat both for long bottom times and extended decompression obligations.

#### SCUBAFORCE X-Heat Suit

The X-Heat-Suit is made from a single layer TecnoStretch® material. This remarkable material is made in Europe and is amazingly warm, lightweight, supple, elastic and breathable. You can easily remove the heating pads and wash the X-Heat-Suit in a machine.

#### Features

- Material: TecnoStretch® Material (300 gr/m<sup>2</sup>)
- Size: M / L / XL (unisex)
- Breathable
- Washable
- Hypoallergenic
- Large zip for Pee Valve connection



#### SCUBAFORCE X-Heat Suit Bulkhead

The suit bulkhead designed for the SCUBAFORCE X-Heat heating system is made of POM and is compatible with a standard Apeks Intake Valve. Additionally, the suit bulkhead has an E/O Cord 18/2 SVO and is compatible with all common batteries.

The cable gland and stress relief, as well as, the connector between the suit bulkhead and the heating pad have a protection rating of IP68.

#### Features

- Material: POM
- E/O Cord
- Cable gland and stress relief have a protection type of IP68
- Connector, heating pad and bulkhead all have a protection type of IP68



#### SCUBAFORCE X-Heat Heating Pads

The flexible pads are made of Textile Heating System®, a textile heating material composed of silver threads. The heating pads are welded inside a Cordura case via ultrasound technology and then they are placed into two separate pockets of the SCUBAFORCE X-Heat suit so they are perfectly positioned. The pad gets a maximum surface temperature of 110 degrees Fahrenheit.

#### Features:

- Pad Material: Textile Heating System®
- Case Material: Cordura
- 90 degree cable passage has a protection type of IP68
- Suitable for batteries from 9 V to 12 V
- Each Pad 30 Watt (by 12 V)
- Pad gets a maximum surface temperature of 110 degrees Fahrenheit

#### Burn time example

Battery - 11.1 volts, 23.8 Ah, 265 Wh, Burn time 4 h.

#### SCUBAFORCE Vega Valve

The VEGA Inflation Valve is designed for extended range diving in cold environments. It combines inflation of gas and passage for power cables to heated undergarments etc. Both ports are swiveling for optimized equipment configuration. The inflator button is easy to find and easy to handle. On the outside is a standard E/O cord and on the inside is the connector for the X-Heat System.

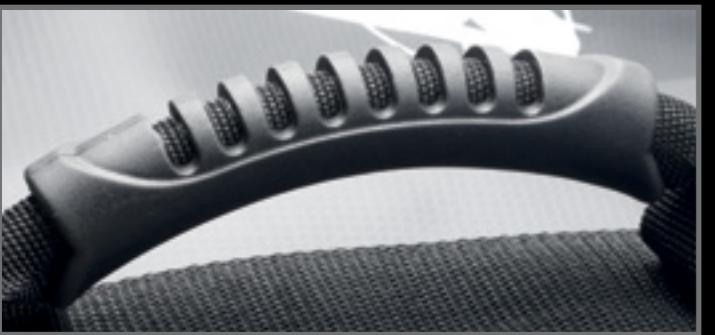


# ULTIMATE BAG

Ultra robust, low weight, water-repellent material, the Ultimate Bag is the ideal travel companion on all your adventures. Large volume and versatile, the integrated grips make it easy to carry it as a hand bag or wear it as a backpack by using the shoulder straps. Inside of the bag are two pockets, as well as, a zip pocket which provide additional storage room and maximum organization. Tough enough to protect the SF2 ECCR, the Ultimate Bag is incredibly robust and a great all-around option for transporting your dive gear!

## Features:

Material: 1000er denier laminate | Weight (empty): approx. 4.63 lbs (2.1 kg) |  
Dimensions: approx. length: 31" (79 cm) x width: 15" x 21" (38 cm x 53 cm) | Color: black



**„KEEP IT SIMPLE!“**

**WAS THE LEADING MISSION STATEMENT WHILE ENGINEERING THE SF2**



“Keep it Simple!” was the leading mission statement while engineering the SF2. The vision became mission and finally reality. This is evident at first sight: The SF2 is configured very cleanly and simply. Compared to other rebreathers, the SF2 is compact and well-arranged. The reason: All important components are integrated into the carbon fiber tube. Therefore, the SF2 needs significantly less volume compared to other rebreathers. Tests, as well as various certifications, assure a constant level of security while diving. The SF2 is especially suitable for ambitious technical dives. It is available as either a backmount or sidemount rebreather.

#### Streamlined Design

As if it were designed from one piece, the SF2 is shaped cleanly and simply. Moreover, the carbon fiber tube gives the SF2 a new, streamlined and high-quality design.

#### Easily Built

The assembly and disassembly of the SF2 is very simple as the entire tube can be removed and all the internal parts easily reached.

#### Compact Installation

The electronic chamber is located within the head. The adapters of the breathing hoses are mounted at a slight angle on the head. This leads to a perfect positioning of the unit, as well as being, incredibly comfortable.

The scrubber canister is located between the head and midsection. Concerning the midsection, two different requirements of modern rebreathers are combined. First, you can find the bypass (ADV) which provides gas in case of low volume in the system. Second, the adapters of the “Manual Add” are located here.

**The SF2 is a fully electronic closed-circuit rebreather engineered in Germany for divers all over the world.**



**SIDEMOUNT & BACKMOUNT**



#### Electronic Chamber

The electronic chamber is the heart of the SF2. The O2 sensors as well as the Oxygen solenoid and the battery compartment are located here. The O2 sensors are located in a separate chamber to protect them from moisture. The electronic plate is located below the battery compartment. High-quality SMB angle plugs connect the plate with the sensors.

#### Unique positioning of Counter Lung

Compared to other rebreathers, the SF2 differs in the unique positioning of the counter lung. Often, the counter lung is positioned on the chest. In contrast, the SF2’s counter lung is located in the lower tube. This leads to an ideal diver’s position in the water and low resistance.

#### Manual Adds & Off Board Gas Connector

The “Manual Adds” are made of Delrin and enable you to add both oxygen and diluent manually. The “Off Board Gas Connector” - a high-quality Swagelok quick connector - allows you to add external gas. Hence, the fundamental idea of redundancy while diving is completely secured. Construction-conditioned the entire periphery works while applying “Off Board Gas”.

Diameter	7.09" / 180 mm
Height	23.62" / 600 mm
Gas supply diluent (ADV)	SF Black Devil
Gas supply O2	Jaksa solenoid valve
Power supply of magnetic valve	9 volt, approx. 40 hours
Power supply controller	1 x AA
Gas output	High Performance Valve
Oxygen sensors	3
Sealing case	O-Ring radial sealed
Sidemount ready to dive	30.9 lbs / 14 kg
Backmount ready to dive	77.2 lbs / 35 kg
Scrubber filling	4.85 lbs / 2.2 kg
Controller	Shearwater Petrel



**SF2 ECCR SIDEMOUNT****SF2 ECCR Sidemount**

The SF2 ECCR is certainly the most popular Sidemount rebreather in the world. Its compact size, combined with a low weight and a robust structure make the SF2 Sidemount a popular and reliable companion on exploration dives around the globe.

The basic components are taken from the SF2 Backmount version. The SF2 Sidemount has the same compact electronics chamber and inner bellows counterlung. The upper and lower tube are constructed of a very light, yet durable carbon fiber.

**For the ideal use as a Sidemount rebreather the following adaptations were devised.**

**Side Mount Loop**

The SF2 Sidemount rebreather has a DSV / mouthpiece especially designed for the sidemount application. In collaboration with the best Sidemount divers in the world, we have developed a unique mouthpiece with excellent features:

- optimum hose feed
- rotatable
- right / left hand use
- integrated chin rest
- in water neutrally buoyant

**Side Mount Frame**

To keep the SF2 Sidemount rebreather as slim as possible, it has a special frame. This frame is made of stainless steel and fits very closely to the carbon tubes. Thus, there are no protruding parts.

**Attachment**

To configure the SF2 Sidemount rebreather as close as possible to the body, it has three attachment points. We've designed a stainless steel rail at the top of the head and included two large Boltsnaps in the central region held via a hose clamp to allow for a streamlined attachment to your existing harness. The Boltsnaps can be varied in length, so that the rebreather can be positioned individually.

**Manual Adds & Offboard Gas**

To successfully accomplish this, the idea of "streamlined" configuration was ingeniously devised. The manual O2 feed has been built directly into the body of the rebreather. Thus, the diver can inject oxygen into the SF2 rebreather via a simple push button. The external (DIL) gas supply is provided by male and female Swagelok connectors whereby a reliable gas supply is ensured and cannot be confused.

**"Toddy Style" ECCR Side Mount Kit**

The ideal Sidemount Kit for the SF2 Sidemount rebreather, especially for divers using drysuits.

Based on a sandwich system, which combines two backplates together, the Toddy Style Sidemount System offers optimal configuration options and a perfect position in the water.

The rebreather is attached as a side mount bottle, which means that the head is looped up into the bungee under the armpit and hooked into the buttplate below. In addition to connecting at the Buttplate, the Rebreather is hooked into the front waist belt D-ring and therefore creates a 3-point mounting system, minimizing the rocking and tilting of the rebreather as the diver inhales and exhales.

The rear backplate is extended past the standard backplate at the bottom and allows for a perfect attachment for the SF2 and sidemount bottles. The length of the plate extends to the lower lumbar region on the body and is able to relieve the back during long dives with corresponding decompression.

**The set includes following components**

- Toddy Style SM Backplate
- Standard Backplate
- Cobra Harness Sport
- Black devil Mono Wing 32 lbs
- 2 x Black Devil 1st Stage Tech
- 2 x OPV
- 2 x HP Hose 90 cm
- IFH Hose 90 cm
- LP Hose 110 cm
- LP Hose 90 cm
- Shut Off Deluxe 2nd stage
- 2 x Argon Straps
- Oxygen SPG
- Diluent SPG
- 4 x Adapter Swagelok
- 2 x Swagelok female
- 2 x Swagelok male
- 2 x Bolt Snap 90mm
- 2 x Stainless Steel Quick Link
- 2 x Bungee cord



**CONVERSION KITS****FROM ONE TO TWO!**

Our conversion kits are designed for this. Quickly and easily allowing the diver to convert from backmount to sidemount (or vice versa). This option is unique to the SF2 rebreather and not available with other units.

**Backmount Conversion Kit**

Kit consists of:

- Lower carbon tube with backmount frame
- 2 Complete pony clamps
- 4 x Stainless steel hose clip with protective cover
- Complete backmount breathing loop with backmount mouthpiece
- Double threaded connection
- 1 x 90 Degree low pressure angle
- 2 x Miflex hoses for Solenoid and Manual Add

**Sidemount Conversion Kit**

Kit consists of:

- Lower carbon tube with sidemount frame and foot
- Complete breathing loop with sidemount mouthpiece and necklace
- Stage bungee strap
- Manual Add O2 button
- Head plate with bracket
- 2 x Swagelok QC 4 male and hose adapter
- 2 x Swagelok QC 4 female and hose adapter
- 4 x Miflex hose
- Low pressure distribution block
- 2 x Bolt Snap
- Hose clamp with protective webbing

**Swagelok Adapter Set QC4**

The perfect adapter for mixed teams or for the use of multiple bailout bottles.

Connected via a standard inflator hose. With female or male Swagelok connector.

Three-piece set consisting of inflatable nipple, Swagelok adapter and Swagelok connector.

**Swagelok QC4 and QC6 male**

Quick disconnect with check valve (closed if not connected with counterpart), stainless steel. Male side, the highest quality and safest quick coupling. Utilized in technical diving for decades. Available in two diameters

**Swagelok QC4 and QC6 female**

Female counterpart to the quick disconnect check valve (closed if not with counterpart connected), stainless steel.

**Hose adapter QC4**

Connects a Swagelok QC4 connector, whether male or female, using a standard low pressure hose with 9/16 thread.

**Hose adapter QC6**

Connects a Swagelok QC6 connector, whether male or female, using a standard low pressure hose with 9/16 thread.

**Calibration set**

The SF2 Easy-Calibration Kit is a simple and convenient solution utilizing the onboard O2 bottle. The set consists of three parts and is composed of a male quick disconnect, hose adapter and inflator. (The cap is part of the SF2 delivery).

The kit is ideally suited for use with the quick disconnect system.

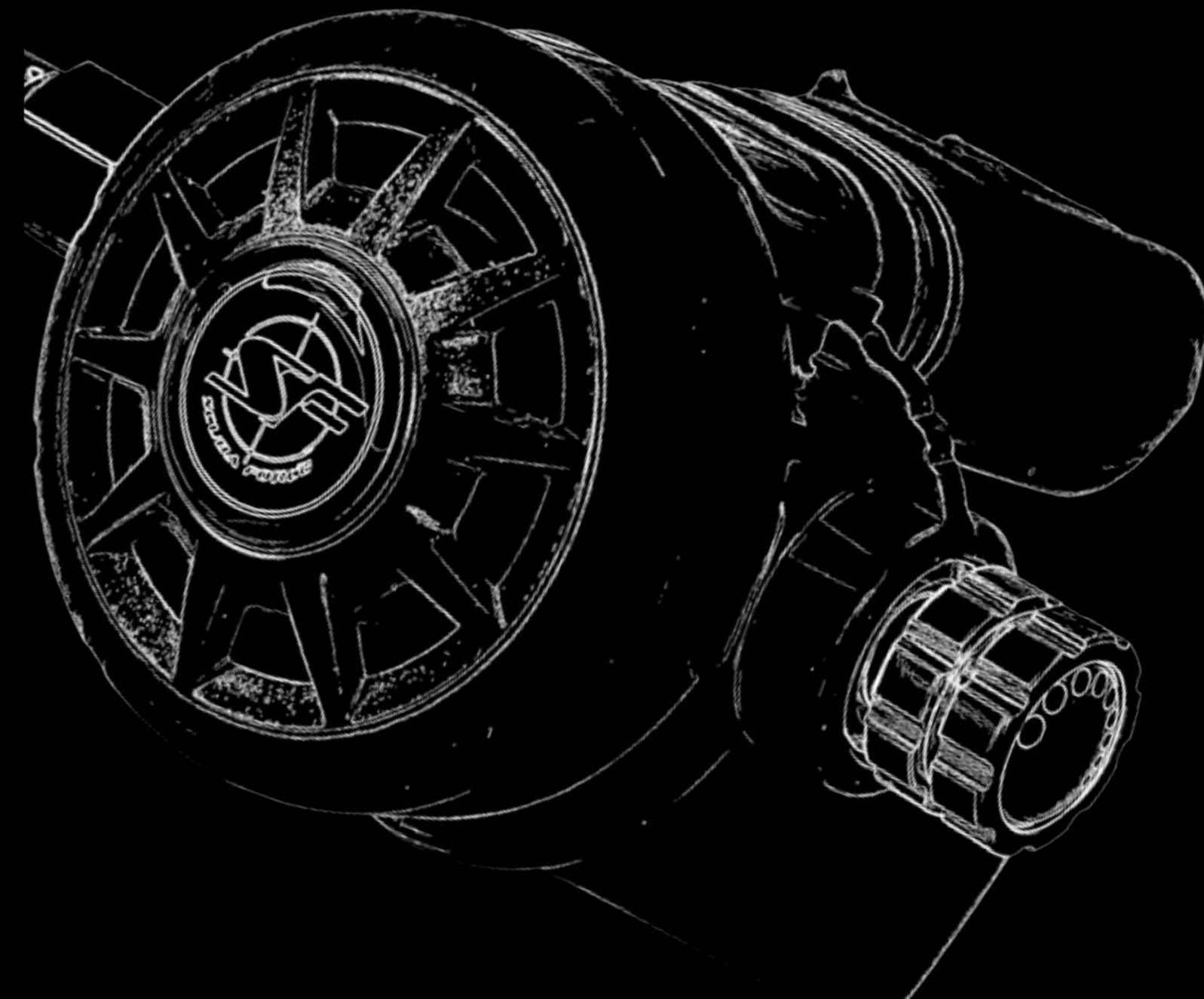


**TWIN  
BACKMOUNT****INDEPENDENT  
FRAME****SF2 ECCR Twin Backmount**

The ultimate, redundant version of the SF2 ECCR rebreather. No other rebreather offers the flexibility of the SF2. The Twin backmount variant is the perfect solution for all technical divers who build their bailout strategy around a second rebreather. The Twin backmount system combines two SF2 rebreathers which have a side mount frame. Thus, the twin still has a relative small size. Both rebreathers can be controlled via Manual Add & Off board gas kits and supplied with external gas. Two right and two left 40 cuft gas cylinders provide sufficient gas volumes for dives far beyond known bounds.

**SF2 Independent Frame**

Designed for divers who want to carry a little more onboard gas. The Independent Frame replaces the standard SF2 bottle mounts which are normally attached directly to the rebreather and allows the diver to carry larger bottles on his back. Since the Independent Frame carries the entire weight of the tanks, without transmitting any of this weight to the rebreather, almost any size bottles can be mounted (7-20 liters). These bottles can either be secured with standard cambands, or with the use of stainless steel hose clamps and are therefore easy to assemble or remove.



**SCUBAFORCE Black Devil Regulator**

The SCUBAFORCE high-performance regulators are tested under the harshest conditions around the world. The SCUBAFORCE Black Devil regulators are the best choice for anyone looking for reliability and comfort. In addition, the regulators offer sophisticated design and optimal configuration possibilities. Three basic components are assembled in different sets to achieve a perfect performance.

**Black Devil Tech First Stage**

Overcompensated diaphragm regulator - perfect breathing comfort even at greater depths. Four low pressure (3/8" - 24 UNF) and two high-pressure ports (7/16" - 20 UNF). Optimum hose routing for both singles and doubles. Integrated cold water protection kit keeps the 1st stage clean and dry. Made of corrosion-resistant brass, nickel plated and chrome plated. Outstanding and reliable performance for the demanding needs of technical and cold water dives. Medium pressure 9.5 - 10.2 bar. Din 300 bar.

**Black Devil SM First Stage**

Overcompensated diaphragm regulator - perfect breathing comfort even at greater depths. Five low pressure (3/8" - 24 UNF) - two high pressure ports (7/16" - 20 UNF) and rotating head. Optimal hose routing for doubles and stage bottles. Integrated cold water protection kit keeps the 1st stage clean and dry. Made of corrosion-resistant brass, nickel plated and chrome plated. Outstanding and reliable performance for the demanding needs of technical and engineering cold water dives. Medium pressure 9.5 - 10.2 bar. Din 300 bar.

**Black Devil Second Stage**

Pneumatically balanced 2nd stage for superior performance even in deeper depths. Adjustable venturi control to improve breathing. Diver adjustable inhalation resistance. Cover made of anodized aluminum. Optimized for use in cold water, through metal ribs in the connection area ideal heat exchange. Compact size with large exhaust deflector. Ergonomically shaped silicone mouthpiece. Marine brass, stainless steel spring and rocker arm. Excellent breathability at any depth.

**SCUBAFORCE Black Devil Regulator Set**

The SCUBAFORCE regulator provides excellent breathing and perfect performance in cold water as well as offering optimal configuration options for different applications. The sets are available completely configured with Miflex hoses in optimal lengths and include accessories such as bolt snaps, bungees, and 90° angle adapters, depending on the set and the intended use.

**Tech Set I****Tech Set II**

Consisting of two Black Devil Tech first stages and two Black Devil second stages. Miflex hoses in 210 cm and 56 cm length. Including SCUBAFORCE pressure gauge and 56 cm HD Miflex hose in carbon, necklace and two boltSnaps. Optimized for use with doubles. Includes SCUBAFORCE Regulator Bag.



## BLACK DEVIL STAGE & SIDEMOUNT SETS

## BLACK DEVIL RECREATIONAL SETS

### Stage Set

Consisting of:

- Black Devil SM 1st stage
- Black Devil 2nd stage
- 100 cm Miflex hose
- SCUBAFORCE gauge
- 15 cm HD Miflex hose in carbon
- SCUBAFORCE regulator bag

Configured for use on stage bottles.



### Stage Rigging Kit Coldwater

Complete stage-rigging kit included:

- Stainless steel hose clamp with nylon coating
- Bottle holder
- Stage straps made of rubber, with operating loop
- Cold water bolt snap with large diameter

Available for 80 cuft and 40 cuft stage bottles.



### Sidemount Set

Consisting of:

- 2 x Black Devil Sidemount 1st stage
- 2 x Black Devil TECH 2nd stage
- 90° ND angle
- Miflex 210 cm ND black
- Miflex 62 cm ND black
- 2 x SCUBAFORCE pressure gauge
- 2 x Miflex 20 cm HD carbon
- 2 x Miflex 20 cm IFH black
- Bolt Snap 90mm
- Necklace
- Regulator bag



### Recreational Regulator Set I

Consisting of:

- Black Devil Tech 1st stage
- 2 x Black Devil 2nd stage
- Black 74 cm Miflex hose for the main regulator
- 100 cm neon yellow hose for the octopus
- SCUBAFORCE regulator bag

Configured for use with single tanks.



### Recreational Regulator Set II

Consisting of:

- Black Devil SM 1st stage
- 2 x Black Devil 2nd stage
- Black 74 cm Miflex hose for the main regulator
- 100 cm neon yellow tube for the octopus
- Includes SCUBAFORCE regulator bag

Configured for use with single tanks.



### Regulator Bag

600 Denier nylon fabric, inside with PVC coating. Complete with thick padding and velcro straps inside. Comes with carrying handles and detachable / adjustable shoulder strap, with padding. Measures: 34 cm x 11.5 cm / 13.3" x 4.5".

### Regulator service kit with bag

A tool kit for professionals. Design and composition fits almost all current brands. For first and second stages.

### 2nd Stage adjustment tool

Testing and adjustment device with gauge for measuring and adjustment of the response resistance on the regulator. display up to 15 bar / 200 PSI connection directly at medium pressure hose. With shaft for setting the 2nd stage under pressure.

### Medium pressure test gauge

Standard inflator connection for quick check of the middle pressure of the 1st stage. Scale in BAR and PSI.



**SCUBAFORCE Pressure Gauge****Robust, reliable and perfectly designed.**

The SCUBAFORCE pressure gauges are made of high quality brass and chrome offering perfect protection against corrosion. The brass case with tempered glass offer extreme durability and can be used with or without the rubber housing, which is particularly appreciated by technical divers. The double-welded Bourdon-Beryllium tube offers a high degree of measurement, accuracy, reliability and remains calibrated even after use in the harshest environments. The diameter of the pressure gauge is 2 inches (52 mm). Viton O-rings are included as standard. Available for different pressure ranges, for use with oxygen and with white or black face.

- SCUBAFORCE SPG - 360 bar
- SCUBAFORCE SPG Oxygen - 360 bar
- SCUBAFORCE SPG - 300 bar
- SCUBAFORCE SPG black - 300 bar

**SCUBAFORCE Pressure Gauge Slim Line****Small and nice.**

The Slim Line pressure gauges are included with the SF2 ECCR, i.e. in an area where measurement accuracy and reliability have top priority. Made from a piece of nickel-plated brass and equipped with a Beryllium copper tube ensures that the Slim Line pressure gauge has a compact, low profile design. The polycarbonate, Parallax lens is extremely durable and offers excellent clarity for maximim readability. Diameter 1.5" (45 mm).

- SCUBAFORCE Gauge SF2 Slim Line
- SCUBAFORCE Gauge Oxygen SF2 Slim Line



**The popular SCUBAFORCE SPG's are available with PSI display as well.**

- SCUBAFORCE SPG black - 5000 PSI
- SCUBAFORCE SPG - 5000 PSI
- SCUBAFORCE SPG Oxygen Slim Line - 5000 PSI

**Compass Pro**

New high quality liquid-filled Diving Pro Compass. Bungee Cord version.

**The main features**

- Exceptional tilt allows the compass to be held at an angle of up to 30° and still respond quickly and accurately
- High strength magnets for fast, positive action
- Filled with liquid silicone
- Firm-grip ratcheting bezel
- Easy to read lubber line
- Top or side reading
- Bold numbers for ease of reading
- Luminescent floating dial
- Weight: 80 gr / USA: 2.82 oz

**Compass Standard**

- Oil filled
- Top or side view
- Very fast response magnets
- Luminescent floating dial
- Bungee cords molded completely through the bezel ring cannot be rubbed off



**SCUBAFORCE Black Devil 32 lbs Mono Wing**

This two-shell donut wing with 15 liters lift is constructed of quality materials and is particularly functional by its good handling. The all-round zipper allows you to remove the inside bladder completely. The textile inner bladder is especially robust and hard-wearing, as well as the outer shell of ballistic Cordura. The metal inflator in K-shape rounds the high-quality overall equipment.

The judgment of the magazine Tauchen (issue 9/14): "Hellish good! With the "Black Devil", SCUBAFORCE has a very good wing in the program that provides perfect fit and easy in the handling. Once accustomed to it, you do not want anything more!"

**SCUBAFORCE Harness Cobra Sport**

The SCUBAFORCE Harness Cobra combines safety and comfort in a hitherto unimagined perfection. It is a comfortable and safe companion for all divers who are not satisfied with the "standard".

**Tec Harness Black Devil**

Fits the Black Devil line, the DIR conform tec harness. It is kept very simple and provide maximum safety during your dives.

**SCUBAFORCE Black Devil Wing 45 lbs**

The SCUBAFORCE Black Devil Wing with 45lbs of buoyancy leaves nothing to be desired when used with twin cylinders up to double 85's. Made of the highest quality materials horseshoe shape, it features a two-shell construction, power inflator and quick release.

**SCUBAFORCE Cobra Harness Tec**

Maximum load capacity, comfort and safety – makes up the SCUBAFORCE Cobra Harness Tec. It has been specifically designed to meet the needs of the most demanding tec divers. The patented Cobra buckles won't open while under load or accidentally while diving. The Cobra Nautic buckle is completely made of marine water resistant stainless steel. The SCUBAFORCE Cobra Tec Harness is the ideal and safe companion for all technical divers who are ready to optimize their gear.

**The complete set contains:**

3,60m webbing with center hole | buckle out Stainless steel | 6 x rubber band | crotch strap with two integrated D-rings (perfect for scooters) | 2x D-ring cranked | 2x D-ring straight | 9 x belt stopper.

**SCUBAFORCE Alu Backplate**

The SCUBAFORCE aluminum backplate has a thickness of 3 mm and a total weight of 0.8 kg and is a true all-around talent. Because of the minimum weight it is your ideal companion on air travel. The backplate has holes in regular intervals to provide an optimum placement for securing your equipment to the plate.

**Black Devil Weight Pocket system Small**

SCUBAFORCE Weight Pocket System SWPCT is an ideal solution for divers seeking releasable weight for their BC system.

**Weight Pocket System WP500 Black Devil**

This compact weight system made of robust cordura consists of two outer pockets and two integrated pockets. These are secured by wide fastex buckles. These pockets offers you the best security with simple operation - even with thick gloves.

**Black Devil Skeleton Backplate**

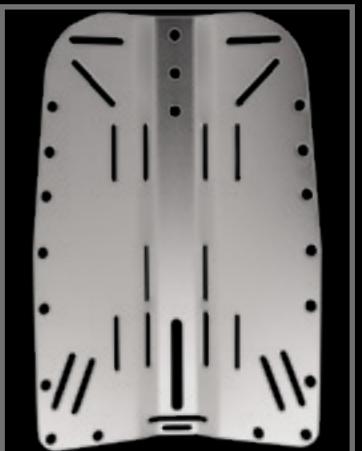
Our stylish SCUBAFORCE Black Devil Skeleton Backplate combines design, function and comfort. The design was inspired by high quality trekking backpacks. Actual Weight: 2.3 kg. Material: stainless steel (3 mm), powder coated.

The Skeleton Backplate is also available in 2 more versions: Long and Heavy Long.

**SCUBAFORCE Standard Backplate**

The SCUBAFORCE standard backplate has a thickness of 3 mm and a total weight of 2.3 kg. It is salt water resistant and manufactured of stainless steel.

Optimal Positioning of the double tanks using the combination of the 3 holes and the lower slot. There are multiple attachment point options along the edges of the plate that easily allow you to attach your argon bottle or other accessories.



**SCUBAFORCE Black Devil 55****Perfectly styled donut wing**

No air traps, low flow resistance, simple reach from the dump valve and inflator. The Black Devil 55 leaves no wish unfulfilled. Best suited for use with large sets of doubles plus several stages. The SCUBAFORCE Black Devil Donut Wing 55 sets standards in quality and performance.

All components of the SCUBAFORCE Black Devil 55 are made of the highest quality materials. This starts with the textile inner bladder, which is very sturdy and incredibly durable. The outside bladder is made from a ballistic Cordura, which is equally durable and robust. Rounding out the package is a high quality metal K-inflator.

The Black Devil 55 is equipped with all components from the SCUBAFORCE wing series which can be combined perfectly. This applies to all of the wings from the house of SCUBAFORCE. We offer perfect modular system according to individual requirements and needs.

**Black Devil Skeleton Backplate long**

The Black Devil Skeleton Backplate long is about 15 cm longer than standard backplates. This places the backplate on the buttocks and reduces lower back stress. This is particularly noticeable while wearing extremely heavy equipment, such as doubles.

Weight 2.9 kg; material: stainless steel (3 mm), powder coated.

**Optimized weight distribution:**

- The SCUBAFORCE Skeleton Plate is much wider at the top than conventional plates
- Innovative shape provides much better power distribution and significantly improved wearing comfort (also for large size and double)
- The significantly lower profile allows the use of heavy P-Weights
- Double waist slots for different body sizes

**SCUBAFORCE Black Devil Wing 60 Retraction****Perfect design. High-quality materials.****Multifunctional use.**

A classic horseshoe wing with silicone retraction bands for a multifunctional application.

Textile interior bladder. Round zipper. Ballistic Cordura as outer material and high-quality metal inflator.

As with all SCUBAFORCE Wings the Black Devil 60 Retraction is designed with quality and function in mind. The retraction straps are made of high quality silicone elastomer (Bungees) and offer several advantages. First they prevent unnecessary air in the wing.

The Bungees support the draining of the air, but don't prevent inflation by mouth (oral inflating), neither above nor under water. The profile of the wing can be reduced to match the width of the diver, thus resulting in less drag. By adding or subtracting bungees, the diver can adjust their trim both horizontally and vertically. Because of the bungees, the SCUBAFORCE Black Devil Wing is also optimally used in the sidemount area (Toddy Style), and can even be used with single cylinders. Doubles 50's to 130's are also no problem. Of course the Black Devil Wing can also be used without bungees. The dump valve is located at the optimum height on the left side of the wing, and easily found by the diver in the event of an emergency.



**Double Back Plate Sidemount Set (OC)**

The ideal sidemount set, especially for use with dry suits.

Based on a sandwich system, utilizing two backplates, one on top of the other, the Toddy Style offers optimal configuration possibilities and a perfect position in the water.

The posterior backplate is different to a standard backplate and extended in the lower area and provides integrated brackets for a perfect mounting option for bottles. The additional length places the plate over the lower lumbar vertebral region on the body and relieves the back during long dives and corresponding deco.

**The set consists of the following components:**

- SM Backplate Toddy Style (black or red)
- Cobra Harness Sport
- Standard Steel Backplate
- Black Devil Mono Wing 32 lbs
- 2 x Bolt Snap 90 mm
- 2 x Stainless Steel Quick Link
- 2 x Bungeecord

**Black Devil Weight Pocket System WP500**

This compact weight system is made of robust cordura and consists of two outer pockets and two integrated weight pockets that are secured by wide fastex buckles that offers great security with simple operation - even while wearing thick gloves. With this system you are ready for every type of diving.

- Flap pocket: the inner bag is secured by a wide Fastex buckle. Fastening by means of a stable velcro strap, which prevents slippage. Fully removable. Storage space for 4 - 5 kg soft lead / 4 kg hard lead per bag.
- Exterior: fastening with the aid of two quick release buckles on the jacket or wing: guarantees fast and easy ejection of the entire bag in case of emergency.

**Black Devil Weight Pocket System Small**

Small padded bag with multifunctional insert. Either as counter-leads on single tanks or as lead-blades for wings. Capacity 2 - 3 kg (whether soft or hard lead). With Fastex buckles.

**Single Tank Adapter with tensioning straps**

Made of saltwater resistant stainless steel for a stable mounting of a single tank on one backplate. Includes two tensioning straps with stainless steel buckle and screw set. The adapter by itself without straps is also available.

**Soft tank band with stainless steel buckle I**

Solid, stiffer webbing material; approx. 50 mm wide; stable anti-slip pad; stainless steel buckle.

**Soft tank band with stainless steel buckle II**

Solid, stiffer webbing material; approx. 50 mm wide; stable anti-slip pad; easy-to-use stainless steel closure.

**BC TOOL**

For mounting inflators or quick release valves. Two-part, easy-to-use tool.



**HIGH-QUALITY MATERIALS  
IN THE BEST MANUFACTURING QUALITY**

SCUBAFORCE offers a wide range of adapters that make diving safer and more comfortable.



**Over Pressure Valve**  
1st Stage 3/8-inch M



**Adapter**  
3/8-inch M = 9/16-inch M



**Shut Off Deluxe 1st Stage**  
3/8-inch M = 3/8-inch F



**Shut Off Deluxe**  
9/16-inch M = 9/16-inch F



**Quick Disconnect Male**  
9/16-inch F



**Quick Disconnect**  
9/16-18 F



**LP Manifold**  
3 Port 3/8-inch F = 1 Port 3/8-inch M



**Y-Block**  
2 Port 3/8-inch F = 1 Port 9/16-inch M



**110 Degree Swivel Adapter**  
LP 2nd Stage: 9/16-inch M x 9/16-inch F



**Adapter**  
1st Stage 1/2-inch M = 3/8-inch F



**Coupler**  
Joins LP Reg Hoses 9/16-inch w/ 3/8-inch fittings



**110° Pivot-Swivel**  
LP 1st Stage: 3/8-Inch M = 3/8-Inch F



**360° Regulator Swivel**  
LP 2nd Stage: 9/16-Inch F = 9/16-Inch M

**SCUBAFORCE** offers a wide range of stainless steel accessories.  
Made of high quality and salt water resistant stainless steel with excellent quality.

#### Boltsnaps

Boltsnap, L = 62 mm  
Boltsnap, L = 76 mm  
Boltsnap, L = 90 mm  
Boltsnap, L = 107 mm  
Boltsnap (Cold Water), L = 109 mm  
Boltsnap, L = 120 mm



#### Double ender

Double ender, L = 100 mm  
Double ender, L = 120 mm



#### Billy-Rings

Billy Ring small for 50 mm webbing  
Billy Ring large for 50 mm webbing



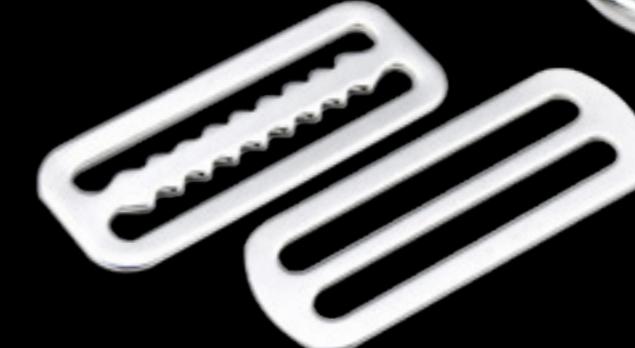
#### Quick Link (lockable)

3.2 cm  
3.9 cm  
4.5 cm



#### Carabiner

5,0 cm  
6,9 cm



#### Nautic Cobra

The Nautic Cobra is extremely resistant to salt water corrosion as they are exclusively made of high-quality inox steel, the same material used in ship building.  
Strengths: 18 kN in the ring / 9 kN straight pull.

#### Buckle

Buckle for 50 mm webbing

#### O-Rings

O-Ring 40 mm  
O-Ring 50 mm

#### D-Rings Straight / Bended

D-Ring 50/6 mm  
D-Ring 50/5 mm bended

#### Triglide

Triglide for 50 mm webbing  
Triglide with teeth for 50 mm webbing

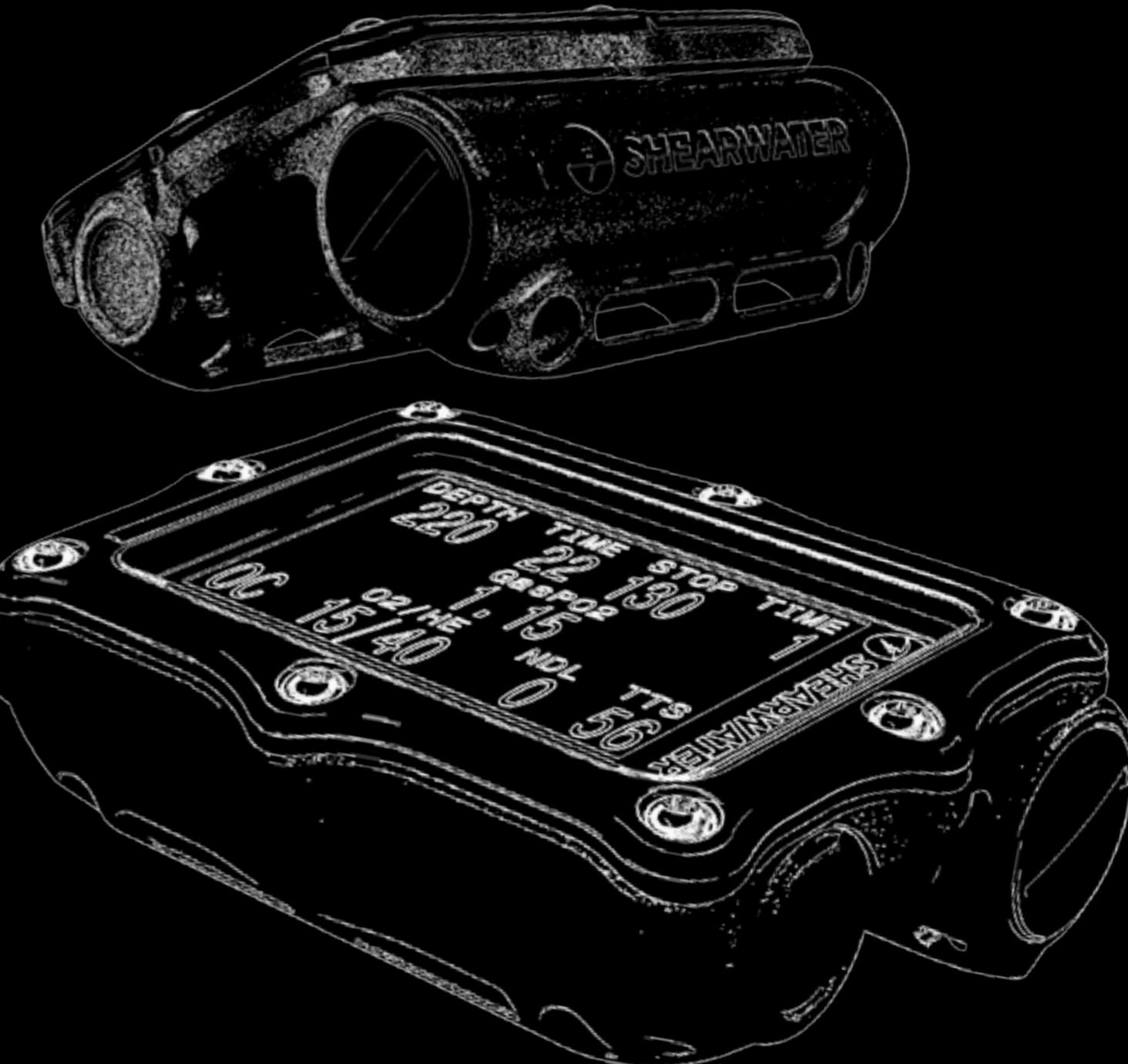
The SCUBAFORCE Vision II masks impress with their hydrodynamic design without exposed outer frames. The Outstanding product properties also speak for themselves:



- Optimal fit
- Hardened lenses
- Spring-loaded edge cover
- Wide viewing angle with low volume



Comfortable and universally adjustable neoprene mask strap.



## THE PERDIX SLEEK AND SOPHISTICATED

Merging state of the art manufacturing techniques, innovative engineered materials, and consumer feedback, Shearwater has successfully developed a low-profile, sleekly contoured design without sacrificing features vital to technical divers. It's everything you love about the Petrel dive computer, just smaller.



### MULTIPLE DIVING MODES



#### OC Recreational

Three gas nitrox computer with features for the serious recreational diving enthusiast. Includes adaptive safety stop and NDL bar graph.

#### OC Technical

5 OC gases Trimix enabled by default.

#### CC INT

5 OC / 5 CC gases Trimix enabled Constant PO2 for closed circuit.

#### Digital Compass

3 axis, tilt compensated, digital compass

#### Features

**HIGH RESOLUTION 2.2" DISPLAY:** display type full colour LED LCD | **AA BATTERY (any type):** AA Alkaline - 45 hours; SAFT LS14500 - 120 hours | **THIN, LOW PROFILE:** Contoured design four our thinnest computer yet | **INTEGRATED BUNGEE MOUNT:** A new option along with our classic strap mounts | **DOUBLE O RING SEAL:** | **SIMPLE TO USE:** Intuitive and familiar menu structure | **1000-HOUR DIVE LOG:** Transfers to your Mac or PC via BLUETOOTH SMART READY | **DEPTH RATING:** 260m (850ft) | **BUHLMANN GF ALGORITHM:** | **SIZE:** (WxHxD) 83 x 74 x 39 mm (3.26" x 2.9"x 1.53") | **WEIGHT:** 154g (0.34 lbs)

## POWERFUL, SIMPLE, RELIABLE... AND SMALLER



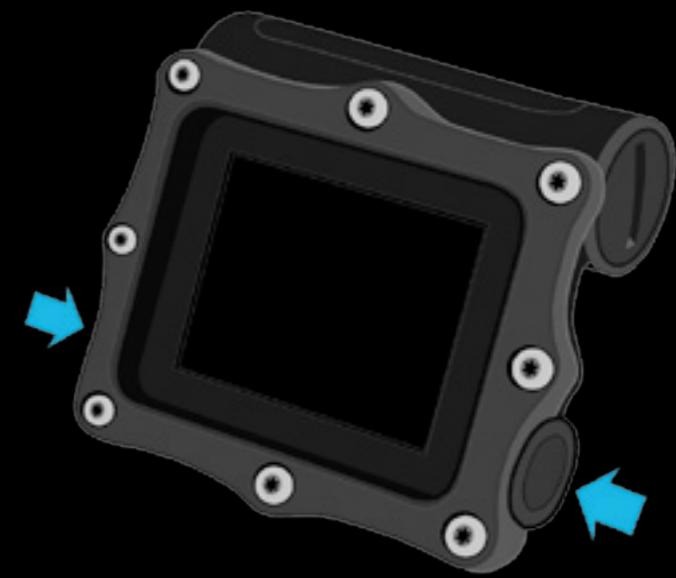
**High Resolution, easy-to-read display**  
2.2" display with vivid, enhanced colour range and saturation



**Thin, Low-profile Design**  
30% smaller in volume than the Petrel



**Multiple Languages**  
Languages include: English, French, Simplified Chinese, Traditional Chinese, German, Korean and Japanese



**Two Button Interface**  
Simple to navigate, state-aware menu structure



Powerful • Simple • Reliable



Powerful • Simple • Reliable

## THE PETREL 2. RUGGED AND RELIABLE.

The Petrel 2 is the next generation in rugged and reliable technical diving computers from Shearwater Research. Available with or without Fischer connector, it clearly presents all the information you need to see at a glance. Whether you are diving a rebreather, twins or side mount, you can rely on the Shearwater Petrel 2 during your next expedition. The Petrel 2 Fischer features all the modes of the Petrel 2 and incorporates a Fischer connector for integration into rebreathers for primary or redundant PPO2 monitoring with full decompression.



### DiveMode

OC Rec – 3 gas recreational computer | OC Tec – Multi gas, trimix decompression computer | CC – Closed Circuit fixed PPO2 | Petrel Fischer – Closed circuit real time monitoring of 1 or 3 O2 sensors | Gauge – Bottom timer with stop watch

### Features

User Replaceable AA Battery | Air, Nitrox, Trimix capable | Quick OC bailout from CC | 3 axis, tilt compensated, digital compass | Decompression | Dive Planning | Bühlmann GF algorithm | Optional VPM-B algorithm | Dive Logging | Upgradeable Firmware | Smart Ready Bluetooth Interface

### Specifications

Screen Resolution - 320 x 240 QVGA | Display Type - Full colour LED LCD | Battery Type - Single AA (any type) | Battery Life AA Alkaline - 35 Hours, SAFT LS14500 100 Hours | Number of Gases - 5 OC / 5 CC | Dive Log - 1000 Hours | Dimensions - 83 x 74 x 39 mm (3.3" x 2.9" x 1.5") | Weight 260g (0.57lbs)



Powerful • Simple • Reliable

## SHEARWATER NERD. INNOVATIVE HANDS-FREE DIVE COMPUTER

The Shearwater Nerd (Near Eye Remote Display) is the first technical dive computer with a display mounted on the diver's rebreather mouthpiece. This revolutionary device keeps crucial information in your line-of-sight for the entire dive. Thanks to the Micro LCD display and magnifying lens, the data appears as if displayed on a 32" TV screen 12' away, with no need to focus. The display is unobtrusive as it virtually disappears when you look straight ahead. The numbers are there when you need them and out of the way when you don't.



### DiveMode

OC Rec – 3 gas recreational computer | OC Tec – Multi gas, Trimix decompression computer | CC INT - Closed Circuit fixed PPO2 | CC EXT - Closed circuit real time monitoring of 1 or 3 O2 sensors | Gauge – Bottom timer with stop watch

### Features

Decompression computer | Open circuit – Trimix, Nitrox, Air | Bühlmann Gradient Factors | Rebreather – Closed circuit fixed PPO2 | Closed circuit external PPO2 | 3 axis, tilt compensated, digital compass | VPMB | Dive Logging | Upgradeable Firmware | Smart Ready Bluetooth Interface

### Specifications

Screen Resolution - 320x240 QVGA | Display Type - Micro LCD | Battery Type - Single AA (any type) | Battery Life AA Alkaline - 30 Hours, SAFT LS14500 - 35 Hours | Number of Gases - 5 OC / 5 CC | Dive Log - 1000 Hours | Dimensions - Eyepiece (WxH) 32 x 76 mm (Ø 1.25" x 3") Battery Box (WxHxD) 76 x 52 x 32 mm (3" x 2.25" x 1.25") | Weight Nerd 355g (0.78 lbs)



Powerful • Simple • Reliable

**Spool with 100mm Double Ender**

Spool with 30 m tear-resistant cave line and 100 mm double ender. Ideal for deco or marker buoy.

50m / 170ft orange  
50m / 170ft white

30m / 100ft orange  
30m / 100ft white

**Cookies**

55 mm in diameter in four different colors

- Yellow
- White
- Orange
- Glow

**SCUBAFORCE X-Reel**

Quality and design made for the extreme: wrecks and caves! The SCUBAFORCE X-Reel with double ender - uncomplicated, reliable and long-lasting. The perfect tool to implement buoys, salvage bags as well as to bridge distances in caves and wrecks. Available in two versions: 60 m (690g) and 121 m (870g).

**Features**

- Optimized grip
- Fast operation with large dry gloves
- Simplified access to the spool
- Reduces danger of entanglement
- Knurled screw: easy use even under extreme visibility conditions
- Optimized weight distribution
- Maintenance-free operation
- Material: aluminum/ delrin
- Double ender: stainless steel

**Arrows**

65 mm in diameter in four different colors

- Yellow
- White
- Orange
- Glow



**TEC SMB**

A plus for your diving safety and not only for TECHIES. High quality seams (ultrasonically welded - sewn on edge) combined with excellent features. The TEC SMB can be inflated orally or by a non-locking BC inflator hose. Even in heavy seas air cannot escape from the closed SMB. The narrow design makes both stowing and handling easy.

Signal Orange; Dimensions 120 cm x 12 cm; Buoyancy about 4.3 kg; Quick Release with integrated over pressure valve; Metal D-ring for attachment; Non-Locking inflator connection.

**SMB PRO (with Duck Valve)**

Made in the same high quality as the standard SMB (ultrasonically welded - sewn on edge), but with a duck valve for oral inflation or by a second stage including a practical bag. Signal Orange; dimensions 146 cm x 12 cm; buoyancy about 4.8kg; quick release with integrated over pressure valve; metal D-ring for attachment; duck valve; storing bag.

**SMB DELUXE**

The DELUXE version combines the features of the STANDARD and PRO version. The DELUXE SMB has both: a non-locking inflator connection as well as a duck valve. Thus, the SMB can be inflated orally, with the inflator or with the second stage. Produced in the same high quality as all of our SMB's. Signal Orange; dimensions 146 cm x 12 cm; buoyancy about 4.8 kg; quick release with integrated over pressure valve; metal D-ring for attachment; non-locking inflator connection; duck valve; storage bag.

**Argon Straps Backplate**

For safe mounting on the backplate. Integrated anti-slip pad made of rubber ensures the secure fixation of the bottle. A slight deviation of the bottle size is possible thanks to adjustable velcro.

0.85 liter / 6 cuft

1.5 liter / 14 cuft

**Argon Straps Double device 1,5 L / 14 cuft**

For secure attachment of the argon bottle to the double unit.

Suitable for argon bottles 1.5 - 3 liters and 14 cuft (Alu).

140 mm double unit

171 mm double unit

**SCUBAFORCE Deluxe Wetnotes**

The ultimate tool for underwater: Wetnotes. The SCUBAFORCE Deluxe Wetnotes offer you plenty of room to plan dives, drawings, run times tables, or to communicate with your dive buddy.

- Size: 12 x 19.8 cm
- 25 pages of underwater paper
- Cordura cover with viewing window for runtime etc.
- Second viewing window inside
- 3 x Runtime Slate (can be used several times)
- Flexible bookmark
- Graphite pencil with elastic band



**SCUBAFORCE Bright**

The name says it all, the SCUBAFORCE BRIGHT is one of the brightest handlights currently available on the market. The CREE Power LED produces an incredible 4000 lumens of light output. But not only does the light intensity constitute BRIGHT standards, the build quality is second to none.

Made of high-quality, hard-anodized aluminum, double O-ring seal - the BRIGHT leaves no wish unfulfilled.

**Features**

- Waterproof: 200 meters
- Weight: 780 Gramm
- Dimensions: length 15.5 cm / diameter 5.5 cm
- Material: quality aerospace-grade aluminium with hard-anodized finish
- Reflector: aluminium flood
- Light Source: high-intensity white power-LED Cree XHP70
- Lumen: 4000
- Power Type: 3\*18650 li-ion rechargeable battery
- Run time: 60 – 70 minutes

**SCUBAFORCE Powerlight**

The SCUBAFORCE Powerlight is your reliable diving companion. The unique aluminum reflector produces a perfect beam, so you'll get the brightest light even in the darkest conditions. The special lamp design is provided for maximum ease of use. The integrated rotary switch allows a simple operation even with thick drysuit gloves. Additionally, the light is textured for the best grip.

**Features**

- Weight: 320g (without batteries)
- Dimensions: length 220 mm, head 46 mm, body 33 mm
- CNC milled aluminum body, type III  
Hardened anodized surface
- Aluminum reflector
- Ultra clear single-pane safety glass pressure-proof glass lens
- 1 \* CREE-XML U2 LED with 10 Watts
- Opening angle from 8 or 12 degrees
- To 200m Water depth tested
- Burn time: approx. 6 hours
- Batteries: 3\* C batteries (not included in delivery)

**SCUBAFORCE Powerlight II**

The little brother of the Powerlight I, made from the same high quality material and technically better equipped. The power Light II is equipped with a rechargeable battery. The burn time is approx. three hours. Switching on and off takes place via a non-conducting magnetic switch. 840 Lumen, combined with a high quality reflector ensures excellent light.

**Features**

- Weight: 220 g (including battery)
- Dimensions: length 138 mm, diameter head 39 mm, corpus 22 mm
- CNC machined aluminum body, type III hardened anodized surface
- Aluminum reflector 10°
- Ultra clear single-pane safety glass with pressure-proof glass lens
- 1 \* Cree XM-L2 U2 6000K to 7000K 8 Watt
- Water depth 100 meters
- Burn time: approx. 3 hours
- Battery: 1 x 18650
- Charger and battery included



# STAGE-RIGGING KIT

## Stage-Rigging Kit

Complete Stage-Rigging Kit including stainless steel hose clamp with nylon coating, bottle holder and rubber stage straps. The stage straps are also available separately.

Stage-Rigging Kit 40 cuft  
Stage-Rigging Kit 80 cuft



## Stage Strap Elastic

The SCUBAFORCE Elastic Stage Strap is a fabric elastic strap to hold your hoses on your stage cylinders in position. Available for 40 cuft and 80 cuft stages. The straps have a tab to help hose stowage.



## Stages Straps Rubber

Made of high quality rubber. Available for 40 cuft and 80 cuft. Each set consists of two pieces, one including a sewn loop, which significantly improves handling while using thick gloves.

Stage Straps Rubber 40 cuft  
Stage Straps Rubber 80 cuft



## Credits:

### UW Pictures:

- Yves Dohlen
- Kirill Egorov
- Mrityunjaya Giri
- Andreas Kloft

### Design / Layout:

- Vera Jaspers





**SCUBAFORCE**

**WWW.SCUBAFORCE.EU**

**MAIL@DIVE2GETHER.NET**

**+49 (0)2164 950690**