

Buoyancy Control Device

SEARCH TCB-25





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The BCD of US Rescue Divers



The Buoyancy Control Device SEARCH TCB-25 from Seareq was developed from the special needs of American rescue divers who operate in extreme conditions which involve jumping out of helicopters and executing rescues in cold, dark and turbulent conditions.

Due to the life and death situations in which these BCDs are used, the highest standards of quality and design have been applied in their manufacturing. Safety is paramount!

The classical ADV cut stays close to the body without compressing it. The special design of the BCD at the cummerbund ensures that the BCD doesn't compress the diver's chest, even when the BCD is fully inflated. It is extremely comfortable and a correct fit is guaranteed at all depths and in all buoyancies. Thus the name, "TCB": or "Total Controlled Buoyancy".

This professional standard of engineering and safety is now available for you: SEARCH TCB-25 von Seareq.

Powerful

High Performance

- Extremely robust material: 2.600 Denier strong Cordura
- Safety signal-colour Orange
- SOLAS*-Reflectors on the top of both shoulders
- High ascending volumes in all sizes:

S	37 lbs / 17 kg
M	48 lbs / 22 kg
L	55 lbs / 25 kg
XL	61 lbs / 28 kg
XXL	61 lbs / 28 kg
- POWER-Inflator for a speedy filling of the BCD
- Crotch strap (removable) for a comfortable headfirst dive
- 2 Tankbelts + 1 Valve strap keep even long tanks close to the BCD and prevent tank from lifting up at the end of the dive
- 3 dump valves, 2 of them with pressure-relief valves
- 4 spacious pockets, 2 can be used as lead pockets as required
- Very comfortable cut for ladies and gents in all swimming positions
- Adjustable straps and belts provide "personalised" fit for every diver
- Adjustable positions of inflator hose allow greater options: (ie: in wreck diving inflator hose can be held closer to BCD)
- More than 70 possibilities to attach equipment to the BCD

* SOLAS: "Safety Of Life At Sea". UN Convention for safety for ships, an international agreement regarding the safety of human beings life at sea. A SOLAS-Certification guarantees a compliant quality of the materials and means that the reflectors don't become yellow or blind – even after multiple dives in salt or fresh water.



Personalizing

“The diver does not have to adapt himself to the BCD but rather the BCD to the diver and the diver’s individual body movements.”

This is an important axiom of rescue divers who require the best operational systems for quick access and deployment without searching!

Therefore the SEARCH TCB-25 can be adjusted precisely to the individual movements and needs of every diver. It is possible to customize the BCD so inflator, octopus, torch and other equipment can be fixed in positions where natural hand movements find them immediately.

- Custom corrugated inflator hose available in two different lengths
- 3 adjustable positions secure corrugated inflator hose for your comfort and diving style
- Cummerbund adjusts independently
- 5 stainless steel D-Rings in different sizes at the front of the BCD
- 2 big stainless steel D-Rings at the bottom side of the BCD
- 4 spacious pockets, 2 used as lead pockets as required
- 2 additional stainless steel D-Rings in both front pockets
- Optional retractor can be fixed to left or right of both front pockets
- 70 loops overall for individual fixing of equipment with hooks according to normal body movements.
No longer search for octopus, console, torch, camera...
- Removeable crotch strap is split ensuring maximum comfort when inflating BCD



Relief for back and spinal discs

The lead pockets are placed sideways exactly on the axis of the body. This relieves pressure on the back and ensures a stabilised trim in all swimming positions.

In the SEARCH TCB-25 the lead pockets are placed exactly on the axis of the body thus providing strong relief for the backbone and the spinal discs. Lead pockets placed in front of a BCD can cause painful exertion to the spinal discs and stress the back during long dives. This is avoided completely with the SEARCH TCB-25 due to the lateral position of the lead pockets. No backaches are experienced even after very long dives.



The laterally positioned lead pockets also provide stabilised trimming to divers. Whether swimming relaxed observing the reef, turning towards your buddy or taking photographs in the open water in front of a drop off - your position is always stabilised. Nothing pulls on your back and it allows a perfect trim in all diving positions!

Every lead pocket holds 6 kg lead. The SEARCH TCB-25 makes lead-integrated diving possible with up to 12 kg lead and does not strain the backbone because lead is positioned on the axis of the body.

In cases of emergency, the lead can be removed downwards – according to the force of gravity. For this purpose just hold the handle of the lead pocket and pull down – quickly the pocket opens and the lead is released.

If one still wants to use a weight belt, or is diving in tropical waters without lead, the pockets can be readjusted to “normal” pockets. A special flap must be unfolded which can be fixed with available velcro straps – and now the SEARCH TCB-25 offers four comfortable pockets



“Never dive alone”

is the first rule of diving. Seeing and being seen is vital for safety whether you are in the tropics or in home waters which is why we use the conspicuous colour Orange!

In many diving scenarios, often your buddy is not clearly visible, although he is very close. At the best he is audible or one feels his kicks. But seeing him? No chance. Here, only colour helps!

The Orange SEARCH TCB-25 is very visible even in dark and muddy waters. Therefore it offers a high dimension of safety.

Although conspicuous and luminous to the human eye, it has no impact on the natural reaction of the marine life. Unperturbed by the colour, neither small nor big fish alter their behaviour when they see the SEARCH TCB-25



Safety also on the surface

The benefits of the colour Orange are also tremendously identifiable on the surface: 5 x SEARCH TCB-25, 1 x black.



Diving with double tank, no problem with the BCD SEARCH TCB-25.

Below a comfortable back cushion that is easy to remove, is a robust backpack on which a double tank system up to 2 x 10 l can be mounted.

The secure handle bar is strong enough to carry the BCD with a double tank comfortably. A rough texture on the handle ensures safe transport with or without gloves whether wet or dry.

If one or two tanks are mounted: the right back valve is always comfortable to reach and use.



Everything at a glance

A lot of smart details combined in the classic ADV cut SEARCH TCB-25 separate this BCD from others. Professional quality for professional demands - now available to the diving public.

- Safety Colour ORANGE

- High Ascending Volumes

- POWER-Inflator

- More than 70 possibilities to fix equipment

- All together 5 stainless steel D-Rings at the front of the BCD

- SOLAS-Reflectors on the top of both shoulders

- Corrugated hose available in different lengths

- Adjustable positions of inflator hose allow greater options (ie: in wreck diving inflator hose can be held closer to BCD)

- 3 Quick valves, 2 of them with pressure-relief valves

- 2 big pockets, each with 2 additional stainless steel

- Stainless steel retractor optionally mounted left and/or right

- Lead pockets modifiable into normal pockets = 4 pockets

- Relief for spinal discs due to special lead integrated concept

- Perfect trimming and stabilised swimming in all positions

- Crotch strap for comfortable headfirst dive (removable)

- 3 Tank belts hold even empty tanks close to the BCD

- Robust backpack with comfortable cushion (removable)

- Secure handle bar strong enough to carry double tank system

- Useable for dives with double tanks



This safety is not just for professionals: SEARCH TCB-25 from Seareq

Safety has a name:

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