TANK2GO SINGLE CYLINDER CARRIER

The Tank2Go carrier is manufactured from Marine Grade 316 Stainless Steel tubing; and as such is resistant to corrosion from salt or freshwater. The rollers, hinge, handle and securing clip are all made from Juputal polyacetal resin which has high coefficients of tensile, yield and flexural strength. The rollers are self-locking assemblies, and are self lubricating.

The stainless steel frame, the rollers, handle, hinge and clip are all manufactured to ISO 9000-2000 accredited standards.

The Tank2Go single cylinder carrier comes in one size that caters for 7ltr, 10ltr, 12ltr and 15ltr size cylinders. Different stainless steel securing bands, can be purchased if required, dependent on cylinder diameter: for 7ltr, 10ltr, 12ltr cylinders a 200mm band; and for 12ltr dumpy and 15ltr cylinders a 220 mm band

Cylinders with a flat bottom, ie steel may be fitted to the carrier with, or without a flat-bottomed boot. If used without a boot, the two pieces of rubber tubing on the upper vertical tubes of the carrier are not needed and should be removed.

Cylinders with a hemispherical bottom, ie aluminium, require a flat-bottomed boot to be fitted first.

Quick Fitting Method using the BC cylinder strap.

- Position the cylinder on the base of the carrier
- Fit the BC as normal – passing the strap under the folding Tank2go handle, but ensuring that the position of locking buckle is such that the tail of the securing strap can be Velcro locked over the Tank2Go handle thus retaining it in the stowed position.

Permanent Fitting using a securing band and BC cylinder strap.

- Locate the cylinder on the carrier and fit the stainless steel band (purchased separately) in position.
- Tighten in position.
- Assembly now ready for BC fitment – passing the strap under the folding Tank2go handle, but ensuring that the position of locking buckle is such that the tail of the securing strap can be Velcro locked over the Tank2Go handle thus retaining it in the stowed position.

Use

Releasing the Velcro strap and lifting the handle up into the vertical position allows the cylinder & BC to be towed but, as with any form of carrier moving heavy items, care must be exercised in not attempting to pull the Tank2Go carrier and cylinder across really uneven or rocky surfaces. In such circumstances, the handle should be stowed and the cylinder & BC lifted using the lower and upper handles of the frame. Indeed this can be achieved using 2 people; as one can lift using the lower handle, whilst the other person uses the upper handle, which can be a much safer prospect when moving down steps or cross decking.

Additionally, ether or both of the handles provide a very useful handling point when a diver surfaces at the end of a dive and needs assistance in lifting the combined weight of cylinders, buoyancy jacket and ancillaries into a boat or RIB, that dose not have a lift.

The handle should be correctly stowed prior to entering the water, and should only be opened and closed when the carrier and cylinder/BC assembly is in the vertical "parked" position.

Maintenance

The security of the Tank2go carrier and the cylinder should be checked prior to daily use, by checking the tightness of the stainless steel bands.

At the end of each diving day, the Tank2Go carrier and its cylinder should be rinsed in fresh water. If necessary to remove any grit, the rollers that are held together by an interference fit of 4 plungers, can be split apart by the careful use of a sharp chisel and mallet, and a work bench, to ease apart the two halves of the roller. Reassembly is achieved by pressing the two halves back together again, ensuring that the corner locating pins are correctly located, before then using a mallet and a work bench to fully lock the two halves together again.

The folding handle and the hinge are secured with stainless steel nuts, washers and bolts: so they can be dismantled if required for removal of any accumulated dirt or grit.

All of these parts can be ordered separately – please visit www.venturediving.com for more details.