



## Safe Use Instructions

The Tank Dolly® and accessories

### Section 1: Warning

⚠ Failing to obey all the “Safe Use Instructions” and/or modifying The Tank Dolly® from its original design may lead to serious injury or death, as well as damaging The Tank Dolly® and/or gear that was placed onto The Tank Dolly®.

⚠ Failing to obey all the Safe Use Instructions shall void all warranties covering The Tank Dolly® and its accessories.

⚠ If the operator does not fully understand the “Safe Use Instructions” please contact Shark Bite Scuba® before using The Tank Dolly®. Email: [Sales@SharkBiteScuba.com](mailto:Sales@SharkBiteScuba.com)

### Section 2: Operator defined

The person(s) physically in control of the movement, manipulation, loading, and unloading of gear to and from The Tank Dolly®. Any person(s) using the Tank Dolly® shall read and understand sections 1-11 of the Safe Use Instructions and section 1-4 of the Care and Maintenance Instructions. The operator shall be a certified scuba diver and trained in the safe handling of gear which is commonly used for scuba diving.

### Sections 3: Compressed gas cylinder defined

A compressed gas cylinder is a pressure vessel used to store gases at high pressure and shall be handled with caution. The Tank Dolly® was specifically designed to transport 1 or 2 compressed gas cylinders (scuba tanks) ranging in diameter from 6.5 to 8 inches (16.51 to 20.32 cm).

Do not use The Tank Dolly® to support or transport compressed gas cylinders smaller or larger than the minimum and maximum diameters of 6.5 to 8 inches (16.51 to 20.32 cm).

For the remainder of this document, a compressed gas cylinder will be referred to as a scuba tank, scuba tanks, and scuba tank(s).

A pony bottle, with a diameter smaller than 6.5 inches (16.51 cm), may be attached to a scuba tank, with a diameter from 6.5 to 8 inches (16.51 to 20.32 cm) then secured to The Tank Dolly®.

The operator shall employ proper lifting techniques when placing a scuba tank(s) on or removing a scuba(s) from The Tank Dolly®. A scuba tank can weigh as much as 50 pounds (22.6 kg) and shall be handled with caution.



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### Section 4: Overview

Shark Bite Scuba® welcomes you to our family and please enjoy this unique piece of equipment to transport your scuba gear. As with all equipment associated with scuba diving, there are important safety instructions that shall be followed.

Failing to obey all the "Safe Use Instructions" and/or modifying The Tank Dolly® from its original design may lead to serious injury or death, as well as damaging The Tank Dolly® and/or gear that was placed onto The Tank Dolly®.

**Loading** gear onto The Tank Dolly® shall be implemented in this order:

- Dive weight
- Scuba tank(s)
- Fins
- Items into the Mesh Gear Bag

**Unloading** gear from The Tank Dolly® shall be performed in this order:

- Items from the Mesh Gear Bag
- Fins
- Scuba tank(s)
- Dive weights

### Section 5: Inspect The Tank Dolly® before each use

The operator shall carefully inspect the components identified below as items 1-5 for damage and defects before each use. Damage or defects may appear as fractures, tears, missing components, and loose nuts and bolts:

1. Aluminum frame, welds, nuts, bolts, axle, tires, and cotter-pins
2. Scuba tank straps (only use Shark Bite Scuba® scuba tank straps)
3. Fin Holder (if applicable)
4. Mesh Gear Bag (if applicable)
5. Snap-Buttons (see below for additional information)



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### Section 5: Inspect The Tank Dolly® before each use (continued)

#### Snap-buttons:

There are two snap-buttons located on The Tank Dolly®. One snap-button is located on the Handle's Shaft that locks into the Tank Brace. The second snap-button is located on the Pivot Box that locks the Tanks Brace.

The head of the snap-button should extend outward approximately 0.12-inches (3 mm) through the outer receptacle hole. Do not use The Tank Dolly® if the head of the snap-button extends less than 0.12-inches (3mm) through the outer receptacle hole.

Salt build-up and/or sand may block the snap-button's head from locking the Handle's Shaft and Tank Brace. Cleaning the snap-button's head and receptacle hole with a stiff brush is part of the Care and Maintenance routine for The Tank Dolly®. If cleaning the snap-button's head as described above does not correct the issue; do not use The Tank Dolly®. Contact Shark Bite Scuba® for further details to resolve this issue. Email: [Sales@SharkBiteScuba.com](mailto:Sales@SharkBiteScuba.com)

The snap-buttons are designed to fit into the receptacle holes securely. The operator must exert a moderate amount of force by pushing inward on the snap-button's head. This action will disengage (unlock) the Handle's Shaft from the Tank Brace and will allow the Tank Brace to move forward and downward toward the Weight Box freely.

#### Section 6: Sand Tires and All-Terrain Tires:

Two All-Terrain Tires are designed to transport a maximum of 300 pounds (136 kg).

Two Sand Tires are designed to transport a maximum of 176 pounds (88 kg).

#### Section 7: Scuba Tank Straps

Only use a Shark Bite Scuba® scuba tank strap; models: STO-08D, STB-20D, Doubles, and Tank Brace Anchor Straps to secure a scuba tank(s) to The Tank Dolly®.

#### Securing the Tank Brace Straps to the Tank Brace:

There are two Tank Brace Anchor Straps included with each Tank Dolly®. Each Tank Brace Anchor Strap is 6-inches long (15.2 cm) and is separated into a "male" and female" buckle (refer to diagram 1 for a description of the "male and "female" buckle).



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### Section 7: Scuba Tank Straps (continued)

Each Tank Brace Anchor Strap is connected to the Tank Brace by a 0.25-inch (6 mm) stainless-steel bolt, washer, and nut (refer to diagram 2 for proper installation instructions of the Tank Brace Straps onto the Tank Brace). Ensure the Tank Brace Straps' bolts and nuts are tightened before each use.

#### **Shark Bite Scuba's tank straps:**

Shark Bite Scuba's STO-08D, STB-30D, and Doubles Tank Strap attached to the Tank Brace Straps

The operator shall ensure the STO-08D, STB-30D, and Doubles Tank Strap is properly connected and secured to the Tank Brace Anchor Straps. Inspect the scuba tank straps, buckles, nuts and bolts for damage; before placing a scuba tank on the Weight Box.

Do not place any of Shark Bite Scuba's tank straps on top of the corrugated hose or low-pressure inflator hose. The operator shall ensure the corrugated hose or low-pressure inflator hose is not under the scuba tank strap. Damaging either the corrugated hose or low-pressure inflator hose can result in a life-threatening emergency while diving.

Pull the scuba tank strap's stainless-steel D-ring until the strap is hand-tight; securing the scuba tank to The Tank Dolly®. Do not overtighten the tank strap. Overtighten the tank strap may damage dive gear and/or the Tank Brace and will void your Tank Dolly's limited warranty.

#### **Doubles configuration: two scuba tanks connected by a manifold and attached to one backplate:**

If diving banded Doubles; both scuba tanks are placed on top of the Weight Box. The operator shall ensure the bottom of the scuba tanks are securely resting on the front 2.75-inch (7 cm) and rear 2.25 inch (5.71 cm) wide lips of the Weight Box. The operator shall ensure the scuba tanks are stable on top of the Weight Box before securing the scuba tanks with the Doubles Tank Strap.

Do not use either the STO-08D and STB-30D scuba tanks straps to secure a Doubles configuration. Only use the Doubles Tank Strap. The Doubles Tank Strap is designed to bypass the Tank Strap Pressure Plate, due to the backplate blocks access to this component. The Doubles Tank Strap only connects to the Tank Brace Anchor Straps (refer to diagram 3 for proper placement of the Doubles Tank Strap).



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### Section 8: Placing a scuba tank on top of the Weight Box:

Place the first scuba tank on top of the Tank Dolly's Weight Box. The operator shall ensure the bottom of the scuba tank is securely resting on both the front 2.75-inch (7 cm) and rear 2.25 inch (5.71 cm) wide lips of the Weight Box. The operator shall ensure the scuba tank is stable on top of the Weight Box before securing the tank strap around the scuba tank. Repeat the process with the second scuba tank.

### Section 9: Fin Holder:

The Fin Holder is designed to secure a maximum of 4 fins. Do not place any other items into the Fin Holder. Shark Bite Scuba's Mesh Gear Bag may be attached to the Fin Holder as described in section 10 of the Safe Use Instructions.

Place the fins' blades through the Fin Holder's top bracket and into the bottom component. Fins with a steep blade angle should be inserted with the fins' top surface facing toward the front of The Tank Dolly® (refer to diagram 4 for proper placement of fins into the Fin Holder).

### Section 10: Mesh Gear Bag:

Shark Bite Scuba® provides suggestions for the type of dive gear that might be stored inside the Mesh Gear Bag. Shark Bite Scuba® does not represent that every combination, brand, and model of the example items listed or displayed on our website can be stored in the Mesh Gear Bag.

Dive gear is continuously evolving and greatly ranges in weight and size. For example, (4) 7 mm cold-water booties and gloves take-up a larger space and weighs considerably more than (4) 3 mm tropical booties and gloves. The same logic applies to (2) 7 mm cold-water full hoods and (2) 3 mm tropical hoods. The 7 mm hoods take-up more space and weighs more than the 3 mm hoods.

- Example of items that may be stored in the Mesh Gear Bag: masks, snorkels, gloves, hoods, booties, finger spools, small submergible marker buoy, small flashlights, multi-tool, sheath knives and shears, save-a-dive and first aid kits
- Example of items that shall not be stored in the Mesh Gear Bag: bulky or heavy items such as a wetsuit, large lift bags and reels, full face masks, large flashlights with battery pack, rock boots, and helmets
- The Mesh Gear Bag's maximum payload: 10 pounds (4.5 kg)



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### Section 11: Additional Safety information

- Never allow The Tank Dolly® to stand unattended when loaded with gear
- Never allow any person(s) to stand or ride on The Tank Dolly®
- Never allow The Tank Dolly® to move without one hand always on the handle's oval grip, and the operator is in control of the movement
- The operator shall be physically able to balance and maintain control of the load which is secured to The Tank Dolly® when stationary and in motion
- Never roll The Tank Dolly® faster than a moderate walking pace
- Never allow The Tank Dolly® to drop vertically without support from the operator and the vertical drop shall not exceed 12 inches (30.4 cm)
- Never attach any items to the handle's oval grip or handle's shaft; This action may cause The Tank Dolly® to tip to the rear
- The Tank Dolly® shall not be used by any person(s) under 18 years of age; unless under the direct supervision of an adult
- Use caution when traversing all terrains regardless of the perceived level of difficulty
- If the operator is unable to maintain control over The Tank Dolly®, the operator shall immediately stop; unload the equipment from The Tank Dolly® and safely carry the equipment by hand
- Failing to obey all the "Safe Use Instructions" and/or modifying The Tank Dolly® from its original design may lead to serious injury or death, as well as damaging The Tank Dolly® and/or gear that was placed onto The Tank Dolly®.