

THE Dinghy Davit

TDD Marine Inc. – 819-346-1393

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SPECIFICATIONS

Maximum load capacity: Beach Club Beach Club HD	315 kg (825 lbs) 540 kg (1,195 lbs)
Weight: Regular Platform Beach Club (optional) Extension (optional) Hammock (optional) Hammock Supports (optional)	50 kg (110.22 lbs) (excl. support tubes) 58 kg (127.86 lbs) 20 kg (44.09 lbs) 2 kg (4.40 lbs) 6.2 kg (13.66 lbs)
Construction: Support Tubes Platform / Extension / Beach Club Hydraulic Cylinder Hardware	Stainless Steel Aluminum – Aeronautical Grade (T6) Steel with powder coated paint or optional SS316 Stainless Steel
Remote Control (optional) – Battery Type	A23

INTRODUCTION

Congratulations! You are the new owner of **THE Dinghy Davit**. This system is composed of a hydraulic platform installed at the back of the existing watercraft platform allowing a quick and easy launch or lift of a personal watercraft (PWC) or dinghy.

Please take the time to read and understand the following information before using **THE Dinghy Davit**.

OPERATING INSTRUCTIONS

Using the Wired Control / Remote Control (optional).

1. Turn the main switch in the “ON” position (if nobody is within 1.5 m of the system).
2. Operate the wired control / wireless remote control (optional) using the arrows (up or down) until the system opens or closes completely if there’s no obstruction to the system movement.
3. Always have the mobile system in sight when activating.
4. Turn the switch in the “OFF” position after each use.

NOTE: To activate the remote controls, the switch **must be in the "ON" position.**

To Lift the PWC / Dinghy on the Platform:

1. If the platform is not deployed:
 - a. Remove the safety pin located at the base of each arm (see blue arrow on the picture on page 3). Before each use, either raise or lower the platform.
 - b. Lower the platform using the wired control / wireless remote control (optional) until it is parallel to the water.
2. Attach the PWC/dinghy to the platform carabiners.
3. If there is nothing obstructing, reassemble the platform using the wired control / wireless remote control (optional).
4. Once completely reassembled, reinstall the safety pin at the base of each arm (see blue arrow on the picture on page 3).
5. Secure the PWC/dinghy with binder straps (not included) attached to the watercraft (see pictures below).

NOTE: Adjust the straps so that they **reduce the tension on the carabiners** (see photo below).





To Launch the PWC / Dinghy

1. Remove the safety straps.
2. Remove the safety pin located at the base of each arm (see blue arrow).
3. If there are no obstructions, lower the platform using the wired or optional wireless remote control (optional) until it is parallel to the water.
4. When in rough waters, unhook the PWC / Dinghy from the carabiners and let it slip away from your boat at the end of a rope secured to your boat.

To Stabilize:

When the PWC / Dinghy is in the water, you can stabilize it by raising and locking the arms with the safety pins (see blue arrow on the picture above) to help you access your boat.

When the water is agitated:

When in rough waters, do not let your PWC / dinghy anchor to the deployed platform, instead let it distance itself from your boat at the end of a secure rope.

Or:

Raise the PWC / dinghy completely.

CAUTION - PLEASE READ CAREFULLY THE FOLLOWING INSTRUCTIONS:

THE Dinghy Davit was designed for a specific use. DO NOT alter, modify, alter or use for another purpose other than what it was designed for.

- DO NOT ignore the safety instructions even if you are familiar with the use of **THE Dinghy Davit**.
- Do not exceed the maximum lifting / load capacity of 315 kg (695 lbs) – for the Beach Club model and the Beach Club HD + model 540 kg (1,195 lbs) to prevent breakage or damage to the equipment.
- NEVER lift / tow objects other than those intended to be lifted by **THE Dinghy Davit**.
- Before launching, make sure the nuts are tight.
- Cover the surface of the platform on **THE Dinghy Davit** with a non-slip material to avoid any risk of falling.
- NEVER activate **THE Dinghy Davit** if there is anyone onboard or near the PWC / dinghy.
- NEVER activate **THE Dinghy Davit** when the boat / PWC / dinghy engine is running
- Before cruising, be sure to LIFT **THE Dinghy Davit** COMPLETELY AND SECURE the PWC / dinghy with binder straps (not included) and adjust them so they reduce the tension on the carabiners.
- **TDD MARINE IS NOT RESPONSIBLE FOR ANY DAMAGE OR LOSS INCURRED DUE TO THE OWNER'S NEGLIGENCE TO ADEQUATELY SECURE THE PWC / DINGHY BEFORE CRUISING.**
- ALWAYS secure your PWC / dinghy when not in use.
- NEVER use **THE Dinghy Davit** when the boat is moving and/or in rough waters.
- It is VERY IMPORTANT to properly ventilate the boat's engine bilge to eliminate any build-up of flammable vapors before activating **THE Dinghy Davit**.
- DO NOT activate the hydraulic pump in an environment where flammable gases or vapors may be present in sufficient quantity in the air to produce explosive or flammable mixtures (the electric motor of the pump is not certified "explosion proof").
- DO NOT put your hands between moving parts or make physical contact with **THE Dinghy Davit** while in motion.
- Make sure there is enough space around **THE Dinghy Davit** and that it is free of any obstacle before operating.
- The wired control is not waterproof.

MAINTENANCE

Visually inspection of **THE Dinghy Davit** components and check the oil level in the hydraulic pump reservoir at the same time as the routine engine bilge inspection of the boat.

Perform regular maintenance (cleaning) of **THE Dinghy Davit**.

Rinse **THE Dinghy Davit** with fresh water after using in salt water.

Before the Sailing Season:

- Make sure all bolts and other components are tightened (all bolts must be secured with red Loctite (treadlocker).
- Lubricate the two (2) the cylinder pivots.
- Inspect the hydraulic pump, hoses and fittings.
- Check the oil level in the hydraulic pump reservoir and add more if necessary.
- Note: Make sure to use the same type of hydraulic oil that is already in the reservoir (AW32 Biodegradable).
- Note: Be careful not to contaminate the hydraulic oil when filling the pump reservoir.

LIMITED WARRANTY

One-year limited warranty against manufacturing defects.

The warranty does not cover:

1. Electrical or electronic components
2. Damages caused by:
 - Improper-use or abusive use
 - Inadequate installation
 - Inadequate maintenance
 - Modification of original components
3. Accidental breakage

YOU ARE NOW READY TO USE **THE DINGHY DAVIT** SYSTEM!

For any technical inquiries, please contact

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