SHORELINE
PILE DRIVING & BOAT LIFTS

USER MANUAL

SINGLE MAST BOATLIFT
- 6,500 LBS

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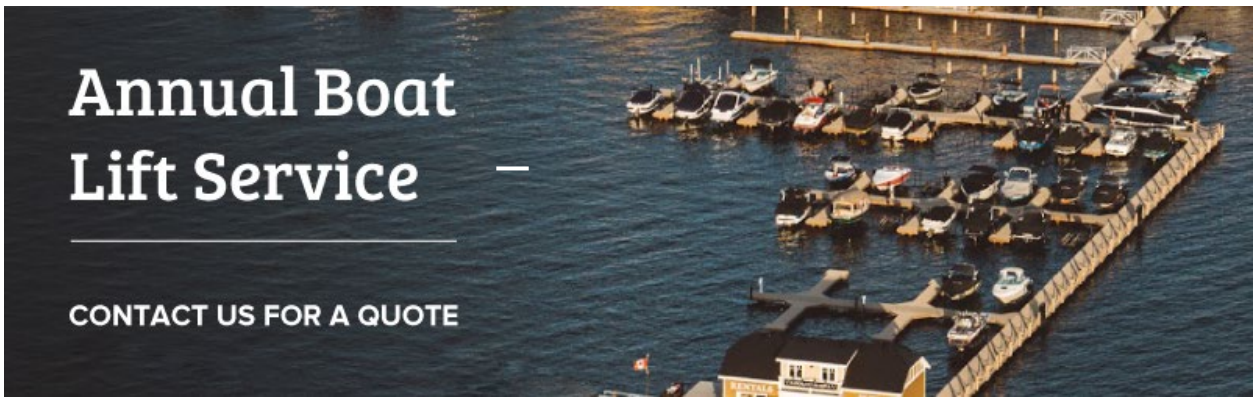
"The Shoreline Single Mast 3T is one of the most reliable boat lifts in today's market… boating season has never looked so good!"



SHORELINE SINGLE MAST 3T BOATLIFT

Our product is proudly designed and manufactured in Kelowna, BC. With its innovative yet straightforward design, it offers ease of use and minimal maintenance. The fully adjustable side guides, motor stop, and interchangeable risers make it versatile and compatible with any type of boat.

Constructed with high-grade steel, stainless steel bolts, and equipped with a heavy-duty 3T electric jet chain hoist, this product delivers exceptional strength and durability.

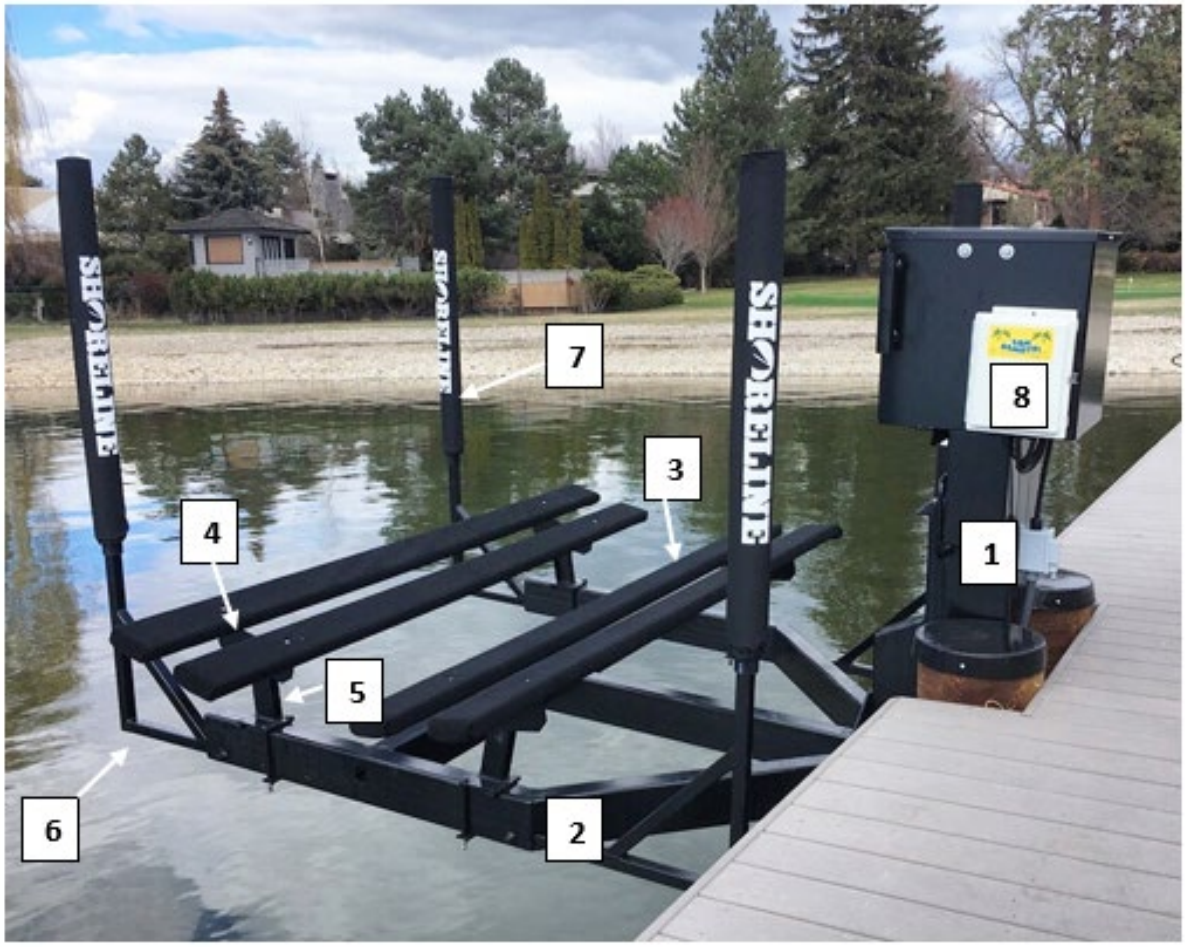
Boat Lift CSA Certification Number: LR39366

Lift Model: SLP Single Mast 3T Boat Lift
Maximum Lift Capacity: 6,500 lbs. (Average boat lengths 22'-24')
Motor: 3T Electric Hoist - 1.2HP
Manufacturer: Shoreline Pile Driving
Manufactured Origin: Kelowna, BC
Electrical Requirements: 115V-13 amps or 230V-10.5 amps

Standard Boatlift Features	**Additional Accessories & Lift Options:**
• 3t Electric Jet Hoist • Powder Coated Black • CSA Approved • 3×6 Steel Wishbone Frame • Fully Adjustable Side Guides & Bunks • Interchangeable Risers • Push Button Control	• Optional Wireless Gem Remote • Lockable Power Switch (For Security) • SLP Canvas Sleeves • Fully Adjustable Leg Stop with Pad • GFI Power Outlet for A Convenience Plug

Disclaimer
The Boat Lift Owner acknowledges and agrees that the owner shall use the dock and boat lift(s) at their own risk and the owner will be responsible for all acts and omissions of guests. Boatlifts are a heavy-duty piece of equipment. It is important that the Owner that may operate this unit have read and understood the owner's manual. Given the inherent dangers of heavy machinery, your boat lift deserves respect, and good judgment is required in its operation. Before allowing others to operate the unit be certain that they understand the proper operating procedures. Do not allow children to operate the lift. Shoreline Pile Driving assumes no liability for any issues that may arise from the use of the boat lift.

BOATLIFT COMPONENTS



1. Mast	2. Cradle	3. Bunks	4. Bunk Bracket
5. Risers (4)	6. Side Guides (4)	7. Canvas Sleeves (4)	8. Wireless Remote (Not Included)

OPERATOR'S INSTRUCTIONS

The Shoreline Boat Lift **is designed** for ease of use and hassle-free setup. Its handheld pendant is straightforward, with just two buttons—one for raising and one for lowering the lift—making operation incredibly simple.

IMPORTANT: PLEASE READ BEFORE OPERATING THE LIFT

Before you begin operating the lift, please review the following guidelines to ensure safe and proper use:

1. **User Responsibility:** Operating the boat lift is solely the responsibility of the user.
2. **Service Chain Caution:** Do not use the service chain to lift boats. It is intended for servicing purposes only and is not designed to handle the weight of a boat. Using it for lifting may strain the motor and cause damage to the lift.
3. **Weight Limits:** Do NOT exceed the recommended maximum weight of 6,500 lbs (including fuel, ballast tanks, and passengers) for our 3T lifts. Continuous use of the Jet Hoist's built-in safety device may void the warranty.
4. **Boat Positioning:** Ensure your boat is properly positioned on the lift before raising it. Align the boat's center of gravity with the mast to maintain balance, preventing undue strain on the mast, sheaves, and motor, which could lead to costly repairs.*Please refer to the next page on positioning your boat.
5. **Cradle Care:** Avoid leaving the cradle in the water for extended periods, as this can lead to algae build-up and shorten the lifespan of the bunks.
6. **Lift and Cradle Position:** Always lift the cradle completely out of the water, and avoid leaving your boat partially submerged to prevent weakening of the frame axle and damage to your dock and lift.
7. **Pendant Handling:** Do not let the pendant drop against the lift. This can crack the housing, allowing moisture to damage the contacts. When not in use, tuck the pendant in and under the hoist.
8. **Lift Operation:** Do not run the lift into itself, as this can cause severe damage.
9. **Pre-Operation Check:** Before operating the lift, ensure that the swing arm and controller are out of the way to prevent damage to the boat or lift.

CAUTION: If you press the down button and the lift doesn't move**, STOP IMMEDIATELY** and carefully assess the situation. This often occurs when the boat is not properly positioned on the lift and can lead to damage to both the boat and the lift if not addressed correctly.

Note: Some lifts may be equipped with stainless steel bolts for adjustments. If your lift has these, please use caution, as they can become stuck. To prevent seizing, it's recommended to apply a small amount of grease or penetrating oil to the threads before making any adjustments.

BOAT POSITIONING

For optimal performance of your Single Mast Boat Lift, it's crucial to load your boat correctly. Proper alignment is key to ensuring stability and safety.

Positioning: Place your boat on the lift so that its center of gravity aligns with the mast. Since most boats are heaviest at the stern, the boat will generally sit further forward on the lift.

Useful Tips:

1. **Determine the Center of Gravity:** Identify the point where your boat is balanced—this is its center of gravity. This point should be aligned with the lift mast for proper positioning.
2. **Align with the Mast:** Once you've identified the center of gravity, ensure it is lined up with the boat lift mast.

By aligning your boat's center of gravity with the lift mast, you'll achieve a balanced load, ensuring smooth operation and preventing any tilting or instability.

BUNK ALIGNMENT

Given the variety of hull designs and boat weights, the lift will be installed with a general setup. Follow these recommended steps for proper bunk alignment:

1. **Team Effort**: It's best to have two people—one to move the boat on and off, and the other to make adjustments.
2. **Tools Needed:** You'll only need a ¾" wrench.
3. **Pick a Calm Day:** Choose a day with calm water for best results.
4. **Loosen the Side Guides:** All side guides should be loose and open, with extra room on each side.
5. **Adjust the Leg Stop:** If required, position the leg stop all the way in.
6. **Lower the Frame:** Lower the wishbone frame into the water, about 18 inches.
7. **Position the Boat:** Bring the boat into place and slowly raise the frame. The boat may shift slightly sideways. Once the boat stabilizes, continue raising until the main part of the wishbone emerges from the water. Check how the hull is sitting on the bunks. If it's resting on the steel frame, remove the boat and adjust the risers closer together.
8. **Check the Frame Level:** Inspect the lateral beam (the 3" x 6" piece running from bow to stern within the wishbone frame). The entire lower frame should be level with the water. If the bow appears higher, you'll need to position the boat further forward on the next attempt. **This adjustment is crucial for balancing the boat on the lift.**
9. **Fine-Tune the Placement:** After inspecting, make small adjustments by removing the boat and raising the frame. Be cautious—the frame can be slippery. Ensure the carpeted bunks are flush against the hull, avoiding any ribs or electronic gauge indicators.
10. **Set the Leg Stop:** With the boat leg down, pull the stop out and against it, then tighten the set bolt with your ¾" wrench. This will ensure consistent placement each time.
11. **'V' Drive Considerations:** If you have a 'V' Drive, the leg stop won't be effective. Instead, choose a reference point on the boat that aligns with something on the lift or dock to serve as your balance guide.
12. **Repeat as Necessary:** For optimal bunk setup, you may need to set and reset the boat a few times. It's important to position the two bunk units as far apart as possible without allowing the hull to rest on the frame.

BUNK SCENARIOS AND THE RECOMMENDED SOLUTIONS:

- **Hull on Frame:** If the hull is on the frame, move one or both bunks closer together.
- **Boat Tight to Lift/Dock**: If the boat is too tight against the lift or dock, move the inner bunk out or both bunks.
- **Boat Too Far Away From Dock:** If the boat is too far away from the dock, move the outer bunk in.
- **Boat Has 'Fin' and is Touching the Frame:** If the boat has a 'fin' and is touching the frame, move the bunks together or change to higher risers.

Once the boat is on the lift and balanced, set the side-guides. Move them in, leaving approximately 1"-2" away. The side-guides will help align your boat every time you come in.

TROUBLESHOOTING SLP3T BOATLIFT

LIFT WILL NOT GO UP OR DOWN:

- Check power supply.
- Wish-bone frame is on service chain.
- Excess chain may have come out of collector and jammed safety device.
- Cracked or broken pendant.

HOIST HUMS BUT WILL NOT MOVE:

- Insufficient power supply, not enough volts or wire, size may be too small.
- Clutch/brake is broken or slipping.
- Broken internal gears.

BOAT ON LIFT BUT WON'T GO UP OR DOWN:

- See all above.
- Boat not balanced on frame and has jammed- the roller wheels (sheaves).

NO BOAT ON LIFT, WON'T GO DOWN:

- Check power supply.
- Wishbone on service chain.
- Wish-bone frame and mast are constructed to close tolerances, may be a tight fit.
- Excess chain may be out of collector.

CHAIN HAS FALLEN FROM COLLECTOR:

- Reinstall fallen chain by placing the 'end' with stopper, into the box first. Hand feed until all excess chain is back in place. This chain may or should be lightly oiled. Gloves are a good idea.

SHORELINE BOATLIFT SERVICE

At Shoreline Pile Driving, we bring over 40 years of experience in supplying, installing, and servicing boat lifts of all sizes. Our extensive expertise allows us to offer the largest selection and variety of boat lifts in Kelowna, BC, backed by professional installations and reliable service.

1. **SUPPLY** – Largest inventory and variety of boat lifts in Kelowna, BC.
1. **INSTALL** – We provide installation services on Okanagan Lake.
2. **SERVICE** – With over 40 years of experience, Shoreline Pile Driving is the leading boat lift service *provider.*

SERVICES WE OFFER

- Electric Boat Lifts
- Hydraulic Boat Lifts
- Lift diagnostics & repairs
- Lift cleaning
- Lift accessories

THE SHORELINE ADVANTAGE

- In-house hydraulic specialist
- On-staff mechanics
- On-staff electrician
- 2 Fully equipped service barges
- Large Parts Inventory

We deeply value your trust and appreciate your continued loyalty to our business.

"FROM OUR FAMILY TO YOURS"

Brittney Jones
Shoreline Pile Driving
250-769-7694 Ext. 103

WARRANTY AGREEMENT

(Please retain with the original bill of sale)

Covered Product:
Boat Lift CSA: LR39366
Maximum Lift Capacity: 6,500 lbs
Lift Model: SHORELINE 3T BOAT LIFT

TO WHOM IT MAY CONCERN,

Warranty Coverage:

Shoreline Pile Driving Ltd. warrants the covered product to be free of all manufacturer defects for a period of 2 years from the original bill of sale. This warranty extends to the original buyer and each successive buyer within the warranty period.

Within the period of this warranty, Shoreline Pile Driving Ltd., will repair or replace, *free of charge*; any part proving defective in material or workmanship. All warranty repairs and service must be performed by an authorized Shoreline Pile Driving service technician.

All expenses related to replacing or repairing a defective part under this warranty shall be assumed by Shoreline Pile Driving Ltd except for the following expenses, which shall be assumed by the buyer:

Warranty Exclusions

This warranty does not apply to any costs, repairs, or services for the following:

1. Service calls to correct the installation of the Covered Product, or to explain the usage of the product to the buyer.
2. Repairs are necessitated by use other than its original intent.
3. Damage resulting from misuse, abuse, accidents, or alterations.
4. Corrective work necessitated by repairs made by anyone other than a Shoreline Pile Driving authorized service technician