

## **DIRECTIONS ON HOW TO RAISE YOUR LIFT-UP DOCK**

**Do not operate a lift-up dock until these directions have been read and a qualified installer has shown you how to raise the dock.**

1. Remove screws holding the aluminum trim in place. After removing trim, place screws back into aluminum strip and tighten gently.
2. If there are any, remove items such as a ladder, bench, mooring whips or a flagpole from the dock.
3. Remove decking panels and stack them on a flat surface in a dry area. Stack panels in the order of removal, ensuring they are stacked top-surface to top-surface. If possible cover with a tarp for winter storage.
4. Mount the winch stand on tree if you have a tree mount or insert the winch into the receiver if you have a rock/cement mount. There will be a ½" bolt that should go through the hole in the stand and the receiver. Place a ½" nut on the end of bolt and tighten.
5. The cable can now be unwound off of the winch. The end should be attached to the pull cable in the centre of the gantry using the wire rope gimble that was supplied. Tighten the bolt in the gimble using a pair of pliers.
6. Untie the lift cables from the gantry so that the gantry can be raised.
7. Make sure all the lift cables are attached to the gantry on T models and step models. Cables will have to be reattached.
8. Attach all of the tie back cables to shore in order to prevent swaying once the dock has been raised.
9. Start to crank up the gantry until the cables begin to tighten. All of the cables should tighten equally, so that the dock will start to rise in a level position and all the cables share the lifting process. If any cable is loose or the dock is not level, lower the dock and undo the cable clamps. Tighten the loose cable on the side that is not lifting level, reinstall the cable clamps and tighten. This process should be repeated until the dock lifts in a level position.
10. Re-check all cable clamps to make sure that they are tight.
11. If the dock does not want to raise up, crank the winch 1 revolution and then let it sit for 5 minutes. Make another revolution and let it sit for a further 5 minutes. Keep repeating this process until the dock starts to rise. If the base pads are stuck in the mud, this process usually allows them to work loose.
12. Continue cranking the winch, raising the dock so that the legs closest to the shoreline are well clear of the water level at the highest water mark. Make sure that the legs on the farthest end are at least 8 feet above the water level so that snowmobiles can go underneath without hitting either the legs or the dock frame.
13. When the dock is high enough you can, if desired, put a chain and padlock around the winch handle. Do not remove the handle because this is part of the breaking mechanism.
14. When summer returns, reverse the above procedure. Make sure you tie the cables back up to the gantry so that they don't touch the water. If the cables become rusty or frayed they must be replaced.
15. The winch and stand should then be removed and put in a dry place for the summer months.
16. Reinstall the decking and trim pieces.

**Thank you for purchasing an R & J Machine lift-up dock. If you have any questions or concerns please feel free to call us (705) 652-6731 and we would be happy to assist you.**