

INSTALLATION INSTRUCTION FOR LIFTING BOOM

The Lifting boom works best if the pole is set down stream of the suction inlet line to the pump and swings upstream from the pump. The pole also needs to be located in a manner that the end of the lifting boom is directly vertically above where the Riverscreen is to be placed in the water. See diagram (A). When the desired location of the Lifting Boom pole is located dig a hole 12 inches in diameter and 48 inches deep. Before placing pole in hole, make sure the anchor cables (2) and boom cable are in their proper locations. See diagram (A).

1. You are now ready to place Boom Pole in the hole that was previously dug. Level pole vertically. Refill and compact the hole with moist dirt.
2. Install the (2) screw in anchor located in their proper place. Refer to diagram (A) Note there must be a minimum distance of 30 feet between Boom Pole and Anchor. Anchor must be screwed into the ground at least 3 feet below the surface.
3. Place cable through eye on the opposite end of turnbuckle that is fastened to anchor and install two cable clamps and tighten turn buckle.
4. Bolt the two boom sections together using (3) 5/16" X 1 3/4" bolts. Use the 1 7/8" X 15" pin and fasten swivel to boom pole. Secure the pin in place using (1) 5/16" X 2-3/4" bolts. Lift boom up on the end to approximately 6 feet above ground surface where the Riverscreen is to be lifted to. Take the end of the 3/8 inch cable that is crimped to the chain on the top of the Boom Pole and secure cable with (2) 3/8 inch cable clamps to the loop welding on the end of the Boom. The Boom should hang and swing freely from Boom Pole. Pump grease in the 2 zirks located on the swivel between the Boom and Boom Pole.
5. Connect the hook to the lifting bracket on your Riverscreen. You may now winch the Riverscreen up and place over water and lower slowly. Always make sure to firmly hold on to handle of the winch while operating.

LIFTING BOOM IS FOR LIFTING THE RIVERSCREEN ONLY!

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| 2 | Anchors |
| 6 | 5/16" x 1 3/4" Bolts w/ nuts (3 in boom/ holding in pins – 3 in pkg.) |
| 1 | 1 7/8" x 15" Pin |
| 1 | Swivel |
| 1 | 5/16" x 2 3/4" Bolt w/ nut |
| 2 | 3/8" Cable Clamps |
| 4 | 1/4" Cable Clamps |
| 3 | 13/16" x 6" Pins |