

CASE STUDY

HI-TIDE® BOAT LIFTS

Protecting Hi-Tide Boat Lifts in demanding marine environments since day one!



THE SITUATION

Since 1979, Hi-Tide Boat Lifts has been one of the most established boat lift manufacturing companies in the industry. From day one, Stahlin enclosures have been safeguarding the drives, controls, and essential components of Hi-Tide products, ensuring reliable performance in some of the most challenging marine environments.



THE CHALLENGE

Hi-Tide Boat Lifts, a pioneer in the boat lift industry, has built its world-class reputation on building products that stand up to the rigors of the marine environment:

- + Constant moisture
- + Corrosion from seawater
- + Chemical damage
- + Impact damage
- + UV degradation
- + Environmental contaminants

The company's unique "Gear Drive" gear box, with its drives and controls, are the heart and soul of every Hi-Tide boat lift. Those and other critical components that are typically constructed heavier and more durably than competitive options, require the best available protection to ensure dependable, long-term performance.

THE SOLUTION

From day one, Hi-Tide has used Stahlin J Series non-metallic enclosures because, in the harsh environments in which Hi-Tide boat lifts are used, Stahlin products met or exceeded industry standards and proved their ability to protect everything housed within them.

Stahlin J Series enclosures were developed for use in harsh, aggressive environments and have evolved over the years for diverse use including extremely corrosive applications both indoors and out. A rugged design, combined with durable materials for extreme reliability in tough environments, are key attributes of this series.

- + Size ranges: 6" x 4" to 30" x 24"
- + Opaque, raised, and flush bonded window cover options are available
- + Rated Type 1, 3R, 4, 4X, 6P, 12, 13 as designated
- + IEC Ingress Rating: IP66
- + UL/cUL/CSA Listed
- + SolarGuard® fiber reinforced polyester for unsurpassed UV-resistance

In addition to superior corrosion, impact, chemical, and UV resistance, Stahlin J Series enclosures provide unsurpassed gasket sealing reliability to protect enclosure contents from moisture, contamination, and other environmental conditions.

Hi-Tide also places high value on the fact that Stahlin J Series enclosures are easily customized in the field or through the Stahlin ModRight® program, which will modify enclosures at the factory, per customer specifications, and deliver them ready-to-use.

Cost and value are of paramount importance to Hi-Tide, and the competitive pricing of Stahlin J Series enclosures contributes to their ability to provide products with a clear and measurable advantage over the competition.