

TITUS® TWISTER® FL FLOATING MIXING AERATOR



PATENT
PENDING

TITUSWWS.COM • 877.582.9899

 **TITUS®**
THE NEXT GENERATION OF WASTEWATER SOLUTIONS

THE CHALLENGES

SLUDGE • ODOR • ALGAE • SAFETY • MIXING

Many municipal, industrial and commercial facilities encounter challenges associated with the management of wastewater lagoons and large wastewater tanks.

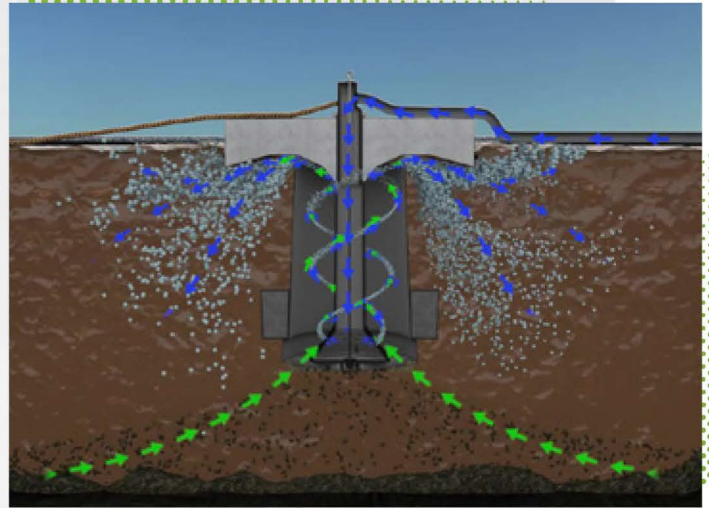
Sludge accumulations, odors, algae growth, mixing challenges, weather-related equipment issues, and overall poor lagoon/large tank performance can result in extremely high operational and maintenance costs.

THE SOLUTION

The TITUS Twister FL Floating Aerator delivers efficient and substantial aeration and mixing, mechanical breakdown of solids, and the proper aerobic conditions for wastewater and water treatment.

Our engineered, third-party tested design includes:

- AirLift Technology
- Oxygen delivery and robust mixing with no moving parts in the water
- Shore based power and air, no electrical components in the water
- Extensive area of influence
- Loosely tethered, easy to move



THE NEXT GENERATION OF LAGOON AERATION

Exceptional Performance and Incomparable Value

The TITUS Twister FL employs our passion, experience, and patented cutting-edge technology to deliver superior results, for lower costs, and less effort.

They are pre-engineered. Specifications, sizing and technical support are available and easy to apply to your projects.

What sets us apart:

- Delivers greater aeration and more effective mixing
- Works even in extreme low temperatures
- Provides greater area of influence
- Lasts longer than other comparable products
- Easier to install and operate
- Requires less maintenance
- Adapts to a wide range of potential applications
- Provides tremendous and demonstrable savings in time and costs



TITUS TWISTER FL TECHNOLOGY

1. Air is generated by a shore-based blower, housed in a weatherproof, sound absorbing enclosure.
2. The air is delivered via piping from the blower to the Twister FL head, down through the manifold.
3. The perforated, fine bubble diffuser creates air bubbles, which transfers oxygen into the liquid.
4. A vortex and air lift column is created within the oxygen transfer chamber which forces liquid and solid materials to draw upwards towards the high velocity discharge slots.
5. The aerated and mixed liquids and any solids are redirected downward via the recompression float head.
6. Liquid and solid materials are continuously drawn in through intake ports located at the bottom (or sides) of the oxygen transfer chamber, resulting in constant suspension of materials within the structure, as well as the large area of influence.

**Designed With Versatility,
Efficiency, & Safety in Mind**



TESTIMONIAL

“Our three lagoon water treatment facility had been without required, proper aerators for several months. On December 15, 2022, the Titus crew, to my amazement, working over six hours in near zero-degree temperatures, was able to break through the ice with a wrecking ball and a crane-operated auger. They installed an entire aerating system with help from a crew of electricians they had contracted from Denver (six hours away). The level of coordination and cooperation required was extremely high, and everything went off with almost no hitch. At just about nightfall at 4:30 pm, the aerators began functioning.”

St. Stephen's Indian School



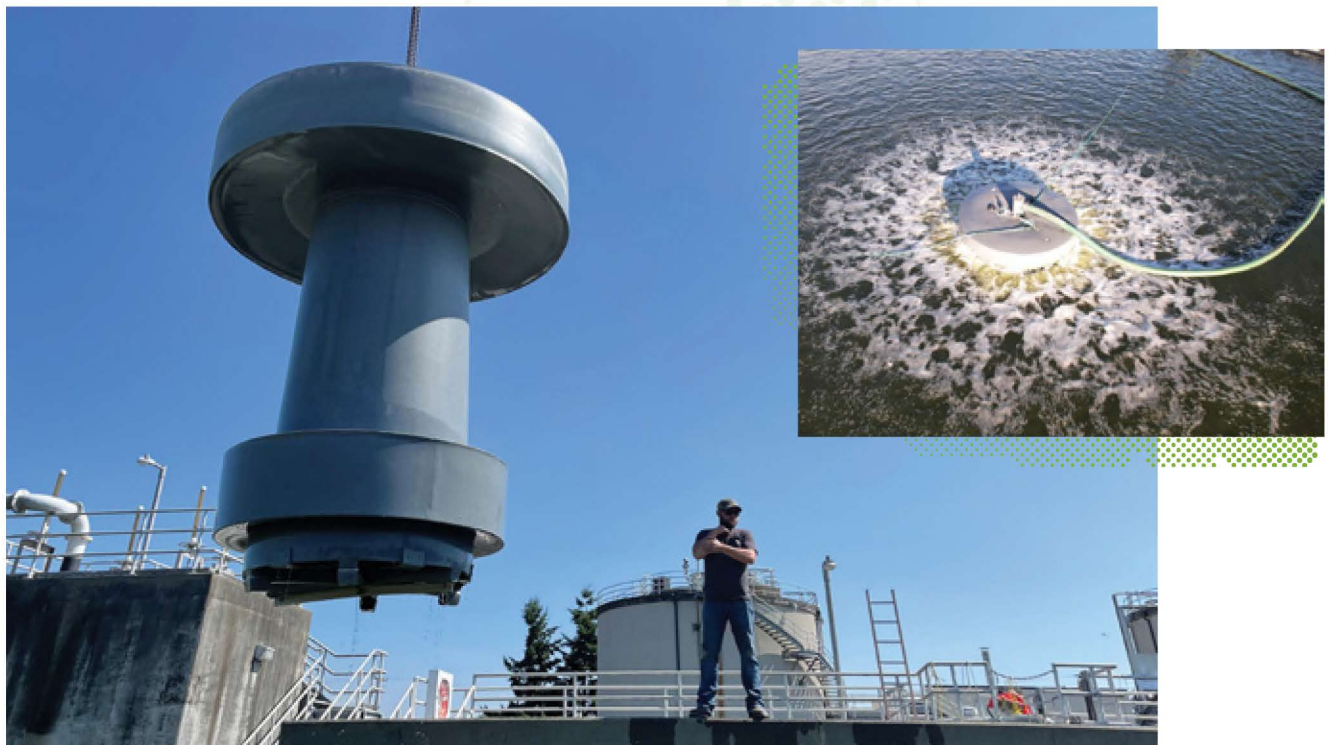
TITUS® TWISTER® FL FLOATING MIXING AERATOR

APPLICATIONS

- Sludge Accumulation
- Odor Issues
- Algae Growth
- High Performance Mixing
- Municipal Water/Wastewater Systems
- Industrial, Commercial & Residential

ADVANTAGES

- Versatile and Adaptable to Many Applications
- Efficient and Economical Operating Costs
- Effective in Extreme Cold Weather
- Proven Performance (Third Party Tested)
- Low Maintenance with No Moving Parts in Water
- Safe, Centralized Shore-Based Power
- Minimal Installation/Operating Requirements



MANUFACTURED BY
TITUS®
THE NEXT GENERATION OF WASTEWATER SOLUTIONS



INTERESTED IN BECOMING A
DISTRIBUTOR OF TITUS® PRODUCTS?

CONTACT US FOR MORE INFO.

TITUSWWS.COM • 877.582.9899