

RIPTIDE®

Direct Drive Surface Mixer

Proven Year-Round Aeration Performance

The RIPTIDE Direct Drive Surface Mixer delivers dependable and economical performance in any season. Featuring a high-efficiency design, the RIPTIDE horizontally mixes all or part of a basin. Its rugged construction can withstand most applications.

- Directional mixing.
- Fully adjustable mounting system.
- High basin mixing efficiency.

All mixing action takes place just below the surface. No spraying. No splashing.

Typical RIPTIDE Mixer in a tank.



RIPTIDE Mixer on floats.

Engineered For Flexibility

Ideal for wastewater treatment and supplemental mixing, the RIPTIDE Mixer provides complete basin design flexibility. Angle adjustment locking bolts allow optimization of mixing velocities. Fully adjustable mounting on floats, or brackets, allows for complete mixing of any depth or shape basin. It is also simple to direct mixing toward a deficient area. Models available from 2 to 20 horsepower (1.5 - 15 Kw). High-efficiency or premium efficiency standard C-face motors increase the system's design versatility. AEROMIX can recommend configurations best suited for your application.

Extensive Applications.

RIPTIDE Direct Drive Surface Mixer improve mixing in a wide range of applications, including:

- Wastewater Treatment
- Cold Weather Operation
- Ice Control
- Supplemental Aeration
- VOC Removal
- Odor and Algae Control
- Leachate Treatment

Maximum Dependability, Minimal Maintenance

Proprietary engineering and meticulous construction specifications ensure that the mixer runs right from the beginning and keeps running without time-consuming maintenance. The sub-surface propeller will not foul even in heavy solids. A double row of bearings securely support the mixer shaft preventing vibration and absorbing all propeller thrust loads. This helps extend motor bearing life. Slow speed operation (900 RPM at 60 hertz or 750 RPM at 50 hertz) further extends life and increases mixing efficiency.

You'll find other long-lasting performance features, such as:

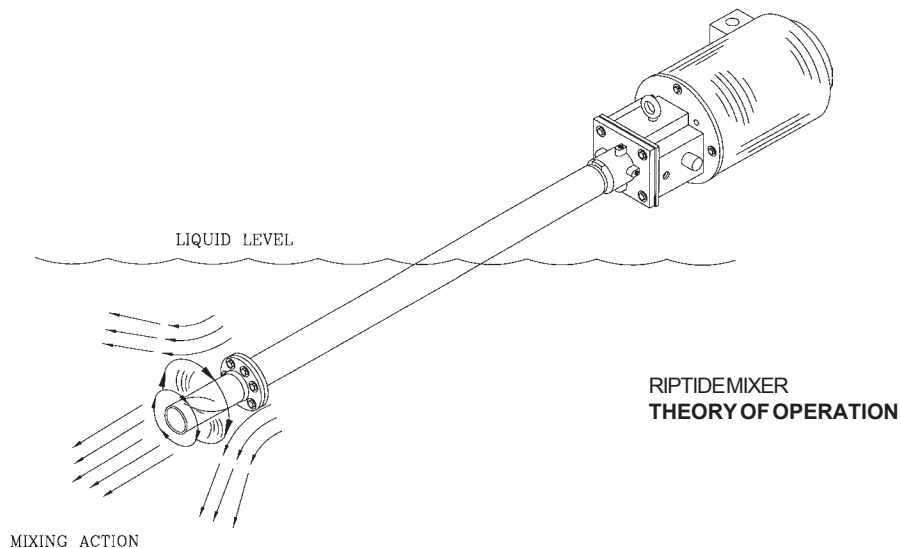
- Corrosion- and UV-resistant stainless steel construction throughout.
- Solid shaft vibration free design.
- Sealed ball bearings.
- No maintenance mechanical seals.
- Simplified motor change out and motor/shaft coupling.
- Weedless design propeller.

In addition, factory testing for each RIPTIDE Direct Dive Surface Mixer assures that the equipment meets the AEROMIX stringent standards for quality.

Industrial Applications.

The AEROMIX team of experienced engineers developed the high-efficiency RIPTIDE Mixer as an economical and effective solution for many different types of industries, including:

- Chemical Processing
- Wine And Beverage Manufacturers
- Textile Industries
- Pulp And Paper Mills
- Dairies



Designed For Optimal Mixing

The RIPTIDE Mixer can be mounted vertical, or horizontally in the water with the motor above the surface turning the propeller below. The motor rotates, turning the solid shaft which spins the propeller. Water moves at a high velocity through, and near, the propeller blades, creating a strong mixing action.

Ask About The Full Aeration and Mixing Line

AEROMIX manufactures a complete line of specialized aeration and mixing equipment for treating water and wastewater in industrial, municipal and freshwater markets. Call today to learn more about the AEROMIX aeration solutions best for your application.

Made in the U.S.A. by



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