

PAXMIXERS TANK MIXING SYSTEMS WATER QUALITY MANAGEMENT



SOLUTIONS THAT WORK



Quality Starts with Powerful Mixing

Your First Step Toward Improved Water Quality

cleanwater1 is the leading manufacturer of technologies used to improve water quality in storage tanks and distribution systems.

The PAX Mixer design is based on rigorous scientific analysis of fluid mechanical principles to achieve rapid disinfectant blend time. The mixers are designed for energy efficiency and engineered for ease of installation.

With an installed base of several thousand mixers around the world and average fleet age of seven years, the PAX family of mixers are the most frequently specified, lowest maintenance mixing systems in the world.



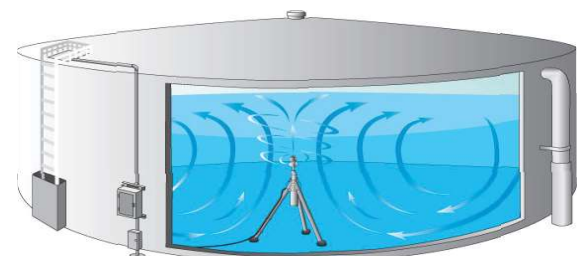
PWM100 Jet Mixer

Five Reasons Why Every Tank Needs a PAX Mixer

- **Improves Disinfectant Residual Control**
Mixers capable of rapid blend times are essential to accurately controlling residual when dosing disinfectant.
- **Reduces Tank Corrosion**
Active mixing can lower head space temperatures inside tanks, decreasing corrosion in tank interiors.
- **Reduces Biofilm and THM Precursors**
Active mixing combined with powerful aeration and ventilation can drive down THM levels in tanks.
- **Reduces or Prevents Ice Formation**
Powerful active mixing can reduce or prevent ice formation in tanks to protect valuable tank assets.
- **No Hassle Installation and Integration**
Integrating mixing equipment into your water distribution system is easy. Our team of engineers and water quality experts works closely with municipal operators and engineers to ensure that installation is smooth and water quality goals are achieved.

Benefits of Powerful Active Mixing

- Eliminate thermal and chemical stratification
- Reduce disinfection byproducts (DBPs)
- Reduce water age
- Asset protection: Reduce ice formation and headspace corrosion



A PAX Impeller Mixer at work.

Any Tank. Any Size.

We Have the Right Mixer for Your Process Goal

For Small-to-Mid Size Tanks

PAX Jet Mixers create a powerful vortex flow pattern inside small-to-mid-size water storage tanks.

For Mid-to-Large Tanks

PAX Impeller Mixers are powerful and energy-efficient active mixers for mid-to-large tanks.

For Large, Underground or Shallow Tanks

PAX Horizontal Mixers are ideal for large tanks, underground water storage tanks and shallow tanks.

Features of PAX Mixers

- Small footprint for easy installation
- 5 Year Warranty
- NSF61 certified
- Integrates with Monoclor® RCS and PAX TRS™ THM Removal Systems



PWM400 Horizontal Mixer



Simple Hatch Self-Installation



Jet, Impeller, Educator Mixers



Wet or Dry Installation Options

“Since the PAX Mixer has been installed, we’ve seen better residual at the top and bottom layers and have had great water quality; furthermore, nitrification levels dropped significantly.”

Randall Wilhelm, O&M Distribution Supervisor
South Coast Water District, California

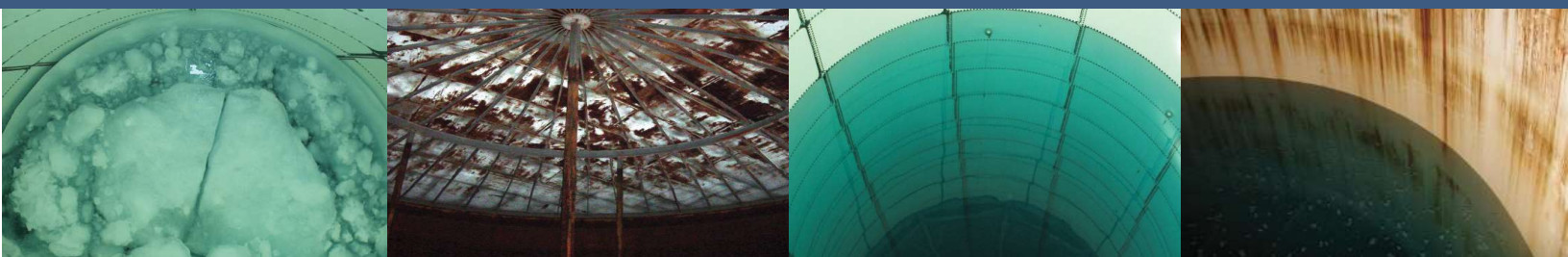
Any Challenge.

Thermal and residual stratification can be a huge challenge, in addition to ice and aged water. The Tank Shark® Mixing System provides for a homogeneous mixture within the reservoir, eliminating thermal and residual stratification with no moving parts or electrical equipment within the reservoir. The upward rotational force of the Tank Shark® Mixing System achieves a homogeneous mixture and eliminates thermal stratification, aged water, ice, and prevents structural damage.

A Tank Shark® Mixing System can create a homogeneous mix in a *one million gallon tank in 4 hours!*



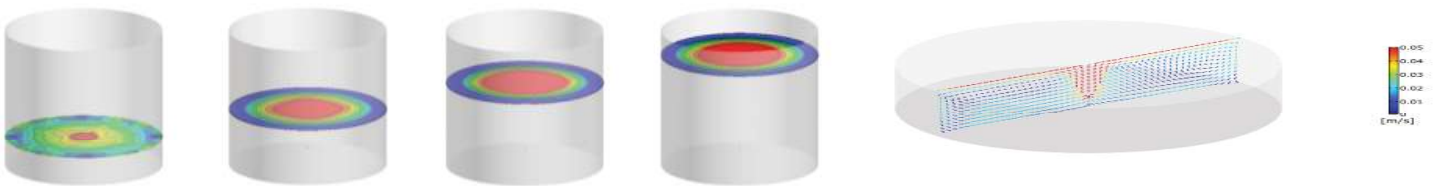
Tank Shark® Mixing System



“The PAX Mixer works, plain and simple. I’m never going to worry about ice again.”

Frank Kearney Sr., Superintendent
Old Town Water District, Maine

We use rigorous modeling and testing to predict and validate disinfectant blend time performance.



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The information provided in this literature contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of a written contract.

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