

**MIXT**<sup>TM</sup>  
INDUSTRIAL TANKS

A NEW  
SPIN IN  
MIXING  
TANKS



**CITY**H<sub>2</sub>O<sup>TM</sup>  
CITY WATER LLC

# A Proven Turn-Key Concept for Industrial Mixing Tanks.

**City Water manufactures the MIXT™ Industrial Tank for municipal & industrial applications. MIXT tanks offer features unique in the industry, making them the most efficient and cost-effective means of storing and mixing liquids or slurries for municipal utilities, chemical industries, and food industries. MIXT tanks are built to withstand most weather conditions and are backed with a 2-year warranty.**

- All tank components are manufactured to exceed industry standards. As a result, we back the construction with our 2-year warranty.
- Our experienced and efficient team of assembly workers can build any size tank within 24 hours.
- We have specialized equipment for delivering the tanks so there is no worry that the shaft will be bent or the tank otherwise damaged in transport. Because we deliver the tank, we take responsibility.
- Our tank delivery crew knows how to efficiently place, secure, and protect the tank, in even the most difficult of locations. Their experience and training means the tank will be unloaded, set up and ready to run within two hours of arriving on-site, under normal conditions. Once finished, the client need only supply the electricity and turn the tank on.
- All members of the installation crew are certified in confined-space safety, which makes for a smooth and safe installation. Clients can have total confidence in the job being done correctly.
- While our tanks are constructed to be trouble-free, any mechanical equipment may develop problems. Repairs are performed by qualified City Water employees—not by subcontractors in your area—in 48 hours or less (72 if the distance requires an extra day of travel time). We have four full-service/maintenance vehicles complete with booms and every spare part for a tank, manned by service teams, and on-call 24/7. Within hours of a service call, a City Water team will be on the road and headed to the site.
- We provide free Specialty Tech Support, available 24/7 to answer any question on any aspect of the tank's operation. Our support personnel have more than 30 years of experience troubleshooting.
- We inventory all replacement parts so there is no wait—from motors to relays, we keep all parts and supplies on hand. Combined with our quick service response, any system down-time is kept to a minimum.
- We offer a 2-year warranty on our systems – please visit our website for details.
- To ensure a long life for the system, we provide every client with a maintenance schedule; regular maintenance can be performed by the client or by City Water for a nominal fee.

## MIXT™

### INDUSTRIAL TANKS

MIXT Tanks are available in 300, 650, 2500, 3000, 6000 and 10,000 gallon capacities, with your choice of 120, 240 or 480V service panels.



**MIXT 650**  
650 Gallon Tank System  
56" diam. x 7'9" height



**MIXT 2500**  
2500 Gallon Tank System  
8' diam. x 7'8" height



**MIXT 6000**  
6000 Gallon Tank System  
8' diam. x 15' height

# MIXT™ INDUSTRIAL TANKS

# Take a Look Around...

## 1 Polyethylene Tank:

We use 1.9 specific gravity tanks made from HDLPE (High Density Linear Polyethylene) for strength and durability—superior to cross-linked tanks for this application. They have the added advantage of being recyclable at the end of their service life.

## 2 Mixing apparatus:

The heart of the MIXT™ Tank, our self-manufactured mixing apparatus includes:

- 1 15/16" polished stainless steel shaft
- Poured stainless steel impeller hub
- Stainless steel impeller blades, ranging from one to five feet in diameter, bolted with stainless steel bolts to the hub
- Gearbox specifically designed to work at slower rpm

This unique lower-rpm/larger-blade combination allows the equipment to work much more efficiently, resulting in less heat and mechanical wear to the motor and gearbox. It creates a vortex from the bottom of the tank all the way to the top for ideal suspension. Most mixers can only keep about 20% solids suspended but we have had success keeping up to 60% solids suspended.

## 3 No Baffles:

To best keep a solid suspended in a liquid, we build our slurry tanks without baffles. We have found that baffles actually make the solids fall out of suspension faster. However, if the objective is to mix two or more compounds together, we can easily add baffles to your tank—we construct them from stainless steel and they stand 6" off of the tank wall.

## 4 Tank Construction:

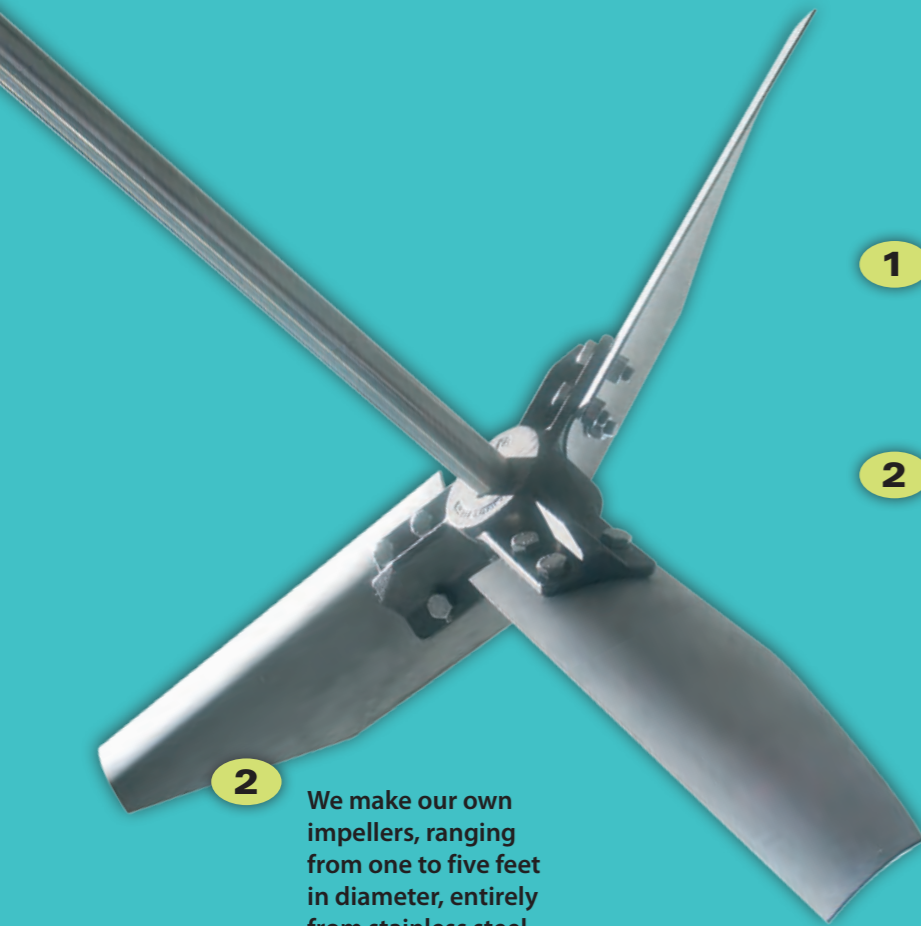
Every tank has a framework that is typically made of stainless steel. However, carbon steel can be used at the customer's request. To resist abrasion, all internal components—shaft, hub, blades, etc.—are always stainless steel. We can also manufacture the tank body of either carbon or stainless steel, depending on individual specifications.

## 5 Control Panel:

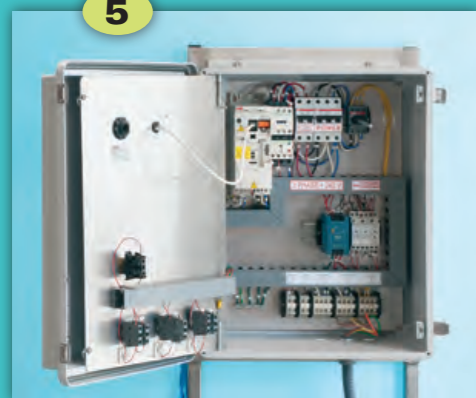
Our tank control panels have been streamlined to contain only what is necessary for the function of the tank. The control panel is optional depending on each client's needs. Without a lot of extraneous parts in the control panel, it is much easier to operate and maintain.

## 6 Pump:

We provide multiple pump options for all of our tanks, in order to feed your product at a set rate or at a specific time of day. Our peristaltic pumps come in a variety of sizes depending on the output needs of the client, the most common being 10mm, 15mm or 25mm. Pumps are sold separately. Contact us for a quote on the pump that fits your needs.



**2** We make our own impellers, ranging from one to five feet in diameter, entirely from stainless steel.



Control Panels are designed to be easy to operate and maintain.



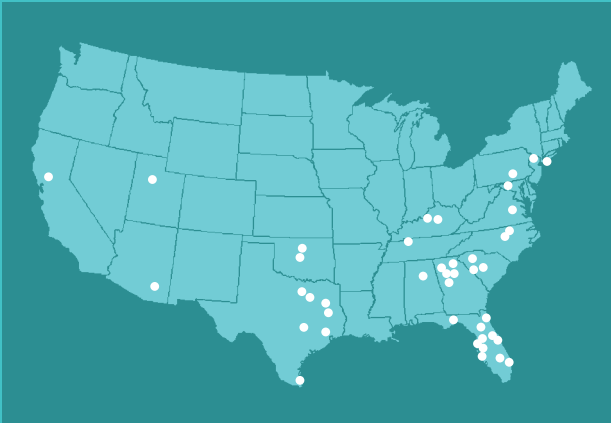
**4** We weld our stainless steel fixtures in-house for greater quality and reliability.



MIXT 2500



MIXT Tanks are proudly made in the USA.



# 200+ Tanks from Alaska to Florida.

More than 200 City Water MIXT Tanks are  
already working around the clock in 19 states,  
with more coming on-line every week.

For more information, please contact:



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