

SUPERSATURATED DISSOLVED OXYGEN FOR OXYGENATION

Our Mission

BlueInGreen empowers water treatment professionals to make a difference by making water treatment processes more efficient, more effective, safer and more environmentally sound.

Our Method

With over 100 installations in North America treating over 7.5 billion combined liters of water each day, BIG offers the most efficient, cost-effective solutions for oxygenation, pH adjustment, oxidation and odor control.

Our Solutions

Since 2004, we have expanded our offerings into two product lines: the Core Series, the ultimate in precision and control, and StreamLineO2, a more simplified solution. Each unit is custom-engineered to meet your needs.

Our Pairing

The combination of Chart equipment and BIG technology delivers an end-to-end solution that consumes up to 40% less gas than other alternatives for the same level of treatment while featuring the smallest energy, carbon and physical footprint available.

Our Reach



BlueInGreen is proud to be part of the Chart family of brands. We are backed by 3,800 employees globally, serving customers on 6 continents from key locations across the Americas, Europe and Asia. We are here for you, no matter where you are.

AWARD WINNER



NEXT GENERATION TREATMENT. TODAY.



SDOX® | Core Series

Greater control and precision with a lower life-cycle cost.

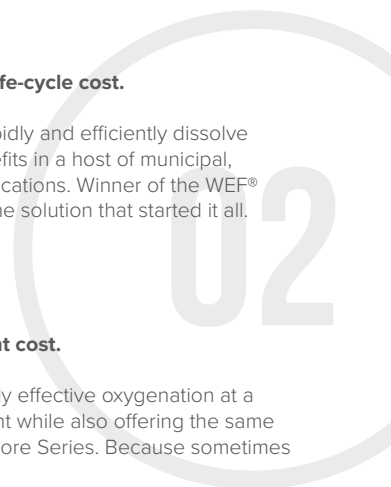
The SDOX® uses a pressurized process to rapidly and efficiently dissolve oxygen in a sidestream, offering multiple benefits in a host of municipal, industrial and ecological water treatment applications. Winner of the WEF® Innovative Technology Award, the SDOX® is the solution that started it all.



StreamLineO2

Industry-leading efficiency at a lower upfront cost.

The StreamLineO2 offers highly efficient, highly effective oxygenation at a lower capital cost than conventional equipment while also offering the same stellar support and service as BlueInGreen's Core Series. Because sometimes less is more.



PROCESS



OPERATION



Applications

- Biological Treatment + Nutrient Removal
- Aerobic Digestion
- Effluent Reaeration
- Environmental Remediation of Rivers, Lakes + Reservoirs
- Odor Control



Benefits Up To

- 98% Transfer Efficiency Rate
- 75% Less Power Usage
- 50% Reduction in Aeration Costs
- 5x Greater Transfer Capability



Building Products



Food + Beverage



Mining



Municipal



Power



Pulp + Paper



Environmental



Waste Management



Lowest Cost

The more efficient your water treatment system is, the more money you save. Luckily, BIG has an industry-leading 98% transfer rate, designed to treat your water and reduce your costs simultaneously.



Single-Point Sourcing + Responsibility

With BIG, you're in good company. We work directly with our parent brand, Chart Industries, to provide industry-leading gas storage and feed equipment, providing a streamlined purchasing process with single-source responsibility.



Quality Guaranteed

We stand behind our technology. Every unit is factory-tested by our expert team of technicians and engineers at our U.S. manufacturing facility to ensure your equipment works both before and after it's installed.



Shallow Water

No job is too big or too small for BIG. Our technology can achieve maximum transfer efficiencies in as little as one foot of water, giving you additional flexibility throughout your treatment process.



Adaptable Oxygenation

Treat your water your way. We offer customized oxygenation solutions - from in-pipe reaeration to lakes and lagoons to activated sludge and aerobic digestion - capable of instantaneously increasing dissolved oxygen when and where you want it.



Start to Finish

We can assist in all stages of the project process: designing, testing, training, start-up and even providing O+M and aftermarket needs throughout the life of your product. Our team is here to help you every step of the way.



Dissolution Experts

With over 150 years of combined treatment experience, BIG employs a team of industry-leading designers, engineers and technicians. We are the gas dissolution experts, and we can prove it.



Complete Solution

With BIG, you get it all. Our fully integrated systems include pump/motor, VFD, control panel with PLC and HMI, multiple operation modes and all associated piping, valves and instrumentation—plus gas storage equipment by Chart.

FEATURES + BENEFITS

ECONOMIC/OPERATIONAL



- Increased Capacity
- Improved Treatment + Process Control
- Retrofit Without Interrupting Operations

FEATURES + BENEFITS

SOCIAL/COMMUNITY



- Enhanced Worker Health + Safety
- Reduce/Eliminate Electrical Maintenance In Basin
- Eliminate Exposure To Aerosols

FEATURES + BENEFITS

ENVIRONMENTAL



- Reduced Energy Use
- Reduced Greenhouse Gas Emissions
- Improved Water Quality



SAVE BIG WITH BLUEINGREEN

1

Reduce or Eliminate Basins

Don't build a basin if you don't have to. Conventional technologies often need large concrete basins, which require significant civil work. Our technology can eliminate the need for unnecessary construction, further reducing costs.

2

Bubble Control

Our patented technology dissolves oxygen at the molecular level, eliminating bubbles altogether - keeping gas in the water and money in your pocket.

3

Power Savings

By using variable frequency drives, our units offer the lowest cost of ownership on the market. With our efficient treatment technology, you pump less water, use less power and save more money.



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