



 Y M T
WATER SOLUTIONS

Aquaculture

Fish Farming | Shrimp Farming | Oyster Farming | Mussel Farming | Catfish Farming | Tilapia Farming | Trout Farming

a subsidiary of
TEXIN INC.

Providing Expertise, Experience, and Tailored Solutions for Water Treatment and Process Applications

YMT Water Solutions, a subsidiary of Texin Inc., stands as the premier provider of customized water filtration and disinfection solutions.

With an extensive expertise and over 80 years of combined experience, we are renowned for our excellence in designing, optimizing, supplying, and supporting a wide range of solutions and products for water treatment and process applications. Our unwavering commitment is to cater to diverse types of water, delivering tailored solutions that precisely meet the unique needs of our clients.

At YMT Water Solutions, we understand that each aquaculture operation is unique. That's why we specialize in delivering tailor-made solutions that are specifically designed to address the individual needs and challenges of your facility.

TAILOR-MADE SOLUTIONS

- **Improved water quality:** Our solutions remove a wide range of contaminants from water, which can help to improve the quality of the water and reduce the risk of environmental damage.
- **Increased species production:** Improved water quality leads to healthier species, which can lead to increased species production.
- **Reduced operating costs:** Our solutions are designed to be energy efficient, which can help to reduce operating costs.
- **Environmental regulations:** Our solutions are designed to comply with environmental regulations.

OUR SERVICES

Unlock the full potential of your aquaculture operations with YMT Water Solutions. Our comprehensive range of services includes:

- Seamless start-up and commissioning
- Expert installation and ongoing technical support
- Precise chemical testing and optimization
- Innovative facility upgrades and enhancements.
- Comprehensive operator training

Trust our experts to guide you and provide operator training for the best solution. Maximize efficiency, optimize performance, and ensure the success of your aquaculture endeavors with YMT Water Solutions.



MGF + ACF + IRF



UF



SWRO



HOD UV

ELEVATE YOUR HATCHERY AND FARM SUCCESS

YMT Water Solutions offers comprehensive and tailored solutions for RAS intake, effluent treatment, and hatchery farm biosecurity. Our turnkey solutions deliver a multitude of benefits with a focus on efficiency and effectiveness:

Improved Biosecurity:

Effective removal of pathogens, ensuring a secure hatchery environment.
Reduction of heavy molecular weight components impacting species health and operations.

Elimination of chemical usage, promoting a safer water treatment approach.

Enhanced Water Quality:

Reduction of colloidal silica and turbidity, ensuring clean process water.
Minimization of total suspended solids (TSS), lowering mortality rates.
Continuous water treatment with minimal downtime, reducing labor costs.

Increased Seed Survivability:

Improved seed survivability by 5%-30%, leading to higher seed production and profitability.
Creation of an optimal environment for seed development and growth.
Support for the health and vitality of fish seeds

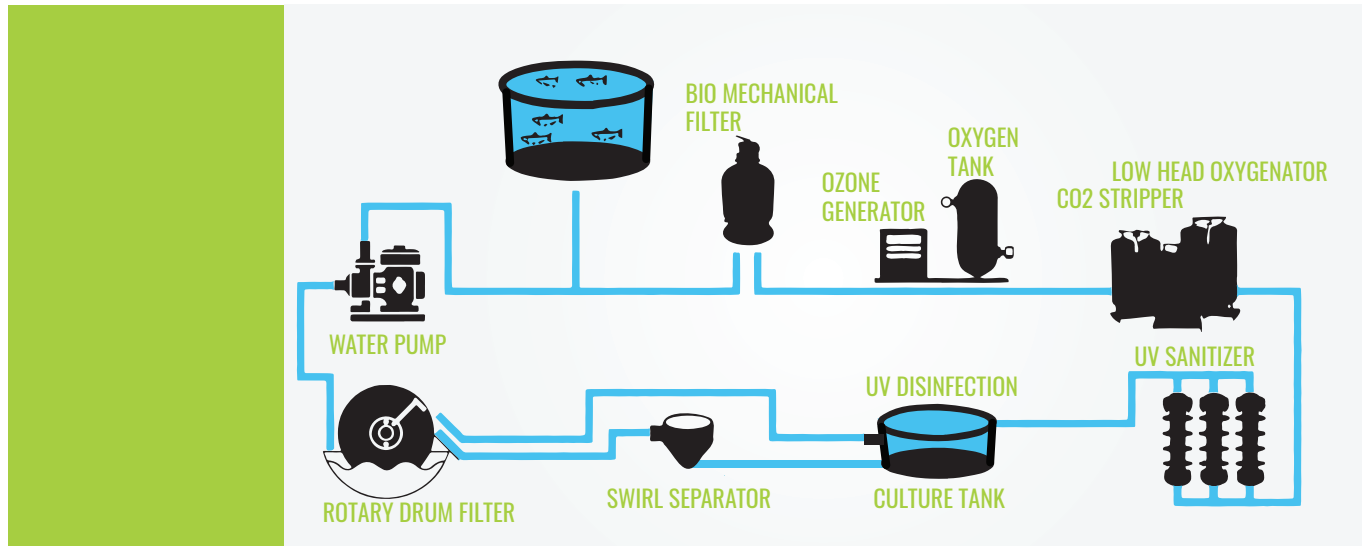




HATCHERY AND FARM WATER TREATMENT: ENSURING OPTIMAL WATER QUALITY AND BIOSECURITY

Tailored Solutions for Water Filtration, Disinfection, and Parameter Control in Hatcheries

To maintain proper water quality in hatcheries, a series of water treatment steps must be implemented. YMT Water Solutions offers customized turnkey solutions specifically designed for hatcheries, ensuring optimal water conditions for health, survival, and productivity.



PRE-TREATMENT

Multi-Grade Sand Filtration (MGF):

Utilizes different media for filtration, ensuring efficient removal of suspended solids.
Provides outlet water with less than 2 NTU turbidity.

Activated Carbon Filtration (ACF):

Effectively removes contaminants and impurities, including chlorine and organic compounds.
Enhances water clarity and reduces odor for an optimal hatchery and farm environment.

Iron Removal Filter:

Utilizes green sand media or iron removal resin to remove excess iron, preventing Brown Blood Disease (BBD).
Maintains iron levels within permissible limits for aquaculture species.

FINE TREATMENT

Ultrafiltration (UF):

Utilizes a semi-permeable membrane to effectively remove bacteria, viruses, and protozoa.
Reduces heavy molecular weight components and turbidity, improving water quality.

Reverse Osmosis (RO):

Reduces salt and TDS content in seawater and borewell water used in hatcheries.

Removes biological load, ensuring a clean and safe water supply.

Softener/Nanofiltration:

Reduces water hardness, eliminating scaling on metal surfaces.

Removes calcium, magnesium, and other metal cations through ion exchange resin/ membrane filtration.

DISINFECTION TREATMENT


Advanced Disinfection Treatment:


Provides a final treatment stage to raise quality before reuse, recycling, or discharge. Processes may include ultrafiltration, reverse osmosis, and UV disinfection.



 +63 968 897 3051

 office@ymtwater.com.ph

 Km 78 Maharlika Highway,
Brgy. San Benito
Alaminos, Laguna,
4001, Philippines

 www.ymtwater.com

