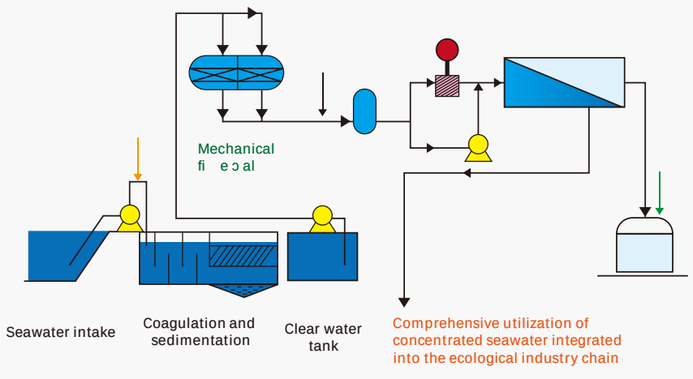
Founded in 2004 and headquartered in Beijing, Beijing InnoGreen Technology Co., Ltd. is a comprehensive water treatment leader. The company integrates the entire industry chain, including membrane and equipment R&D, system design, engineering installation, and O&M services. With a workforce of 700 professionals and an Environmental Design Institute in Jinan, InnoGreen operates multiple domestic branches and is currently expanding its footprint with a new overseas office.

Seawater Desalination Flow Chart



InnoGreen's Seawater Desalination Process Flow:Seawater is treated with biocides and coagulants for sedimentation, then stored in a filtered water tank. After media filtration/UF and cartridge filtration, the water enters the SWRO unit. The resulting freshwater is stored and distributed.

Efficiency:Equipped with an Energy Recovery Device (ERD) to capture brine pressure, the system reduces energy consumption by up to 35%.



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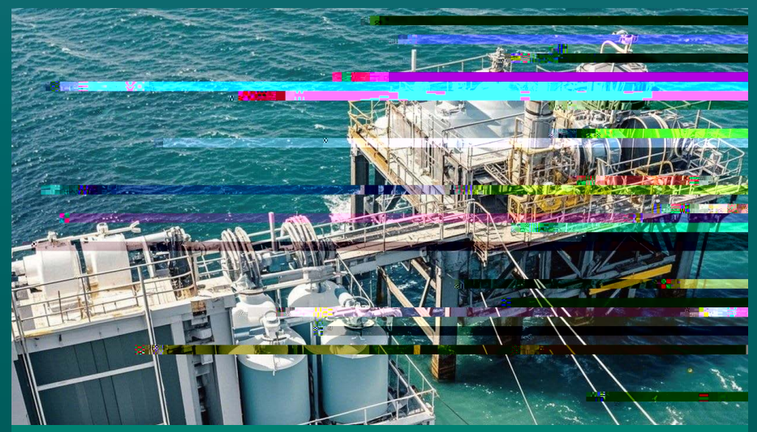

Seawater Desalination Treatment Equipment

High-Efficiency Seawater Desalination Tailored Water Solutions for Every Need

[O cial Account]

To become a leading international enterprise dedicated to hydraulic and environmental industries, achieving sustainable growth for 100 years.

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Small-scale SWRO Systems

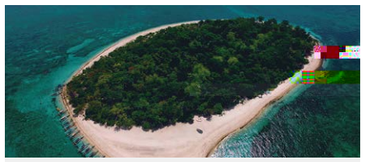
Equipmen i verview

Utilizing Reverse Osmosis (RO) membranes as the core technology, these compact units require no major infrastructure. Their highly integrated design allows for stable deployment in limited spaces and offers the flexibility of fixed or mobile use

Fea ure & Benefi

- High salt rejection for direct-drinking water
- Small footprint; easy to move and install
- Low energy use with fully automated control
- Corrosion-resistant and reliable for long-term use

Applica i n



Small Islands



Cruise and Cargo Ships



Hotels & Resorts



Emergency & Disaster Relief

Containerized SWRO System

Equipmen i verview

Powered by RO + ERD technologies, this containerized system is fully integrated and factory-ready. The Energy Recovery Device drastically reduces operational costs. Featuring automated controls and a rugged, corrosion-resistant design, it is the ideal high-performance, mobile desalination solution for large-scale water needs

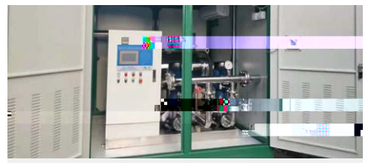
Fea ure & Benefi

Corrosion-resistant & long-lasting

RO

P

Applica i n



Temporary Water Supply



Township & Rural Water Supply



Water Plant Expansion & Upgrades



Institutional & Commercial Zones

Seawater Desalination Projects

Applica i n

Municipal Water Supply

Industrial Park Process Water

Large-scale Island Desalination

Water Plant Retrofit & Upgrade