



WONDERS OF WATER

Largest fleet of ready made
water treatment plants

Anywhere... Anytime...Any capacity



Zero Capex / Cloud based **IOT operations**
Brackish Water, Sea Water and Treated Effluents



Who are we?

WOW is your go-to partner for your decentralised water treatment and desalination solution needs.

We have a fleet of 25 container units which can be deployed anywhere any time, as a plug and play mobile water solution. Our easy rental/ lease option provides a no capex and cost-effective solution for your drinking water and treated water needs.



WOW's water treatment containerised plant is pre-engineered and compactly assembled in a sturdy new 40-foot airconditioned container ready for quick deployment and immediate operation. Our plants are designed to produce drinking water from brackish water, seawater and treated effluents with salinity up to 45000 ppm and capacity up to 500 m³/day/unit.





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Plug and play

What we need from you :

Keep ready the raw water inlet, reject outlet, product water outlet, storage and power supply.

What we will deliver :

We can plug and play our plant and operationalise it immediately.

We can design and operationalise treatment plants of any size in quick time.



Our plants are smartly pre-engineered and designed to suit all site requirements, facilitating fast delivery, integration, commissioning and operation.

A standalone plant is self-contained to operate the entire range of treatment solutions from pre to post-treatment and can be monitored using smart technology.

By integrating multiple units of our standard containerised unit, we can operationalise large treatment plants of any size in quick time.





Fleet Control Facility

Our fleet control facility in Chennai monitors container units deployed across operation sites.

The fleet control facility maintains sufficient stock of ready built containers, necessary stock of spares and consumables for uninterrupted operations at site.

The facility handles pre-commissioning, membrane cleaning and instrument calibration.

The fleet control facility is also equipped with a modern testing laboratory and a training facility for our operators.



Technology enabled and centralized monitoring control centre





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WOW Advantages

- ❖ Our containers are full-service units – Pre and post treatment capabilities in a single unit
- ❖ Our containers are designed for Plug and play – shorter time to water.
- ❖ Our containers are sturdy and can be easily transported / relocated
- ❖ Multiple containers can be assembled to operationalise large plants in quick time.
- ❖ **No Initial Capex** for our customers. Attractive monthly water sale / leasing model enables cost effective solution. Leasing period from 1 month to 10 years
- ❖ Our Units are smart enabled and equipped with AI, IOT and cloud functionalities. Operations and monitoring are automated. Online monitoring of critical equipment and parameters ensures better control and higher efficiency
- ❖ We will operate the plant with assisted technology and remote monitoring and with very minimal manpower intervention



**STOP
WASTING
MONEY**





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No Need Of

- ❖ Complex and lengthy planning
- ❖ Engaging expensive consultants
- ❖ Lengthy inspection & approvals
- ❖ Tedious tendering process
- ❖ Critical financial closure
- ❖ Intensive civil works
- ❖ Cumbersome installation and commissioning





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Products and specifications

WOW containerised solution caters to treatment of brackish water, seawater water and treated effluents.

Brackish water systems can effectively handle a wide range of contaminants, sediments and salinity upto a TDS of 10000 ppm. Intake water can be from a wide variety of sources, including surface water, well water, treated sewage and industrial waste water.

Seawater systems can handle TDS between 10000 and 45000 ppm.

A single WOW container unit can produce up to 500 cubic meters per day of purified drinking water



WOWs units are self-contained and includes filtration, ultra filtration, pumping equipment, membranes, electrical controls, and chemical feed and control components to operate the entire range of treatment solutions from pre to post-treatment and can be operated and monitored using smart technology.

Specifications

Parameters	Brakish water RO	Sea water RO
Feed flow rate	720 m3/day	1250 m3/day
Treated water flow rate	500 m3/day	500/m3/day
Recovery ratio	70%	40 %
Feed water TDS	Upto 10000 PPM	10000 to 40000 PPM
Energy requirement	2KWh/M3	3 KWh/M3
Temperature range	10 Degree to 35 Degree	
Turbidity	Less than 10 NTU	
Oil and Grease	<1 ppm	
Container weight	11T	12T
Options	Generator power/ solar power	
Operations	IOT enabled smart operations	



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Smart operations assisted by WOW App.



Our plants are equipped with **Operations, Data analytics and Monitoring software** that collects data, monitors plant operations and optimizes plant performance.

Our software optimises plant conditions to enhance operations, ensures consistency and enables smooth operations and maintenance.

Data and reports are easily accessible by the end user, owner and the operator from anywhere on any platform. Real time alerts are enabled for system malfunctions or abnormal performance.

- ❖ Automated operational reports –End user , owner and operator will have access to automated reports
- ❖ Critical Alerts – Will get real time alerts on malfunctions and abnormal parameters
- ❖ Easy access to data, reports and operational parameters anytime, anywhere on any platform
- ❖ Effective data Visualization for easy understanding of plant performance
- ❖ Secured access and storage of all data.





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Why WOW



WOW containerised concept allows efficient and fast deployment of the plant in areas of acute water supply shortage:

- ❖ Fast time to water
- ❖ Lower CAPEX compared to tailor made plants
- ❖ Advantageous OPEX with low power consumption, low usage of chemicals and reduced manpower
- ❖ Scalable approach allows fast and economically sound expansion of the plant according to demand
- ❖ Phased construction -No requirement for large up-front investment
- ❖ Ecological footprint—compact system with minimal physical footprint, minimizes site impact, blends with landscape
- ❖ Sturdy and robust build
- ❖ All components are of highest quality and sourced from leading brands.

If you are planning a water or waste water treatment project, large or small, reach out to us. We will develop the most appropriate plan, execute it a jiffy and finance it as well. We can operate the plant for as long as you desire and transfer ownership to you as a BOOT project.





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WOW Opportunity

WOW's decentralized water treatment systems are designed to treat and supply quality water catering to local communities and industries.

Our modular plants are ideal for:

- ❖ Coastal villages and towns
- ❖ Large communities
- ❖ Emergency water supply for Industries
- ❖ Enhancing existing plant capacity in quick time
- ❖ Port, fishing harbours and ships
- ❖ Large Construction sites
- ❖ Disaster / flood hit / war zone areas
- ❖ Defence
- ❖ Mines and offshore facilities
- ❖ Resorts ,hotels etc
- ❖ Industries & Industrial parks
- ❖ Remote oil and gas facilities
- ❖ Pilot studies
- ❖ Agriculture and Irrigation
- ❖ NGO, water mission and CSR





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Emergency and disaster services

WOWs containerised Units can be moved quickly to emergency sites to provide immediate relief. We can provide emergency support to all disaster situations such as floods, earthquakes, droughts, war or fire to establish a safe and reliable supply of purified water instantly.

Our mobile units can also function as an immediate cover to ensure business continuity for industries, in case of an unexpected events such as plant failure, boiler or condenser leaks, water supply disruption or increased demand etc.



**EARTH
QUAKE**



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Service & Operations

24/7



We supply and install plants across the globe and provide regular operations and maintenance services 24/7.

Easy and pain free solution for customers

- ❖ Technical assistance, testing and designing, Installation and Commissioning
- ❖ Our trained manpower will operate assisted by our cloud based WOW app.
- ❖ We provide regular operation and maintenance and emergency services 24/7
- ❖ Smart technology enables remote operations, monitoring and control
- ❖ We ensure uninterrupted supply of chemicals, consumables and spares





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How we operate

We will engage with you to understand your water requirement and study the feed water quality. We assess availability of necessary infrastructure such as inlet and outlet provisions, adequacy of power and base platform.

Our fleet control facility plants are of standard capacity and are pre tested and readily available in stock at Fleet control facility in Chennai. They can be truck mounted and moved to any site within a short time and can be commissioned and operationalised immediately.

Traditional Treatment Plants

- ❖ Costly to build and operate.
- ❖ From planning to commission - greater than 12 months
- ❖ Project delays
- ❖ Deep financing required. Funding closure takes lot of time. High interest cost. Low ROI
- ❖ Pre engineering costs are high
- ❖ Huge investment in civil works
- ❖ Limited scope for upgradation and capacity enhancement
- ❖ Treated water quality issues

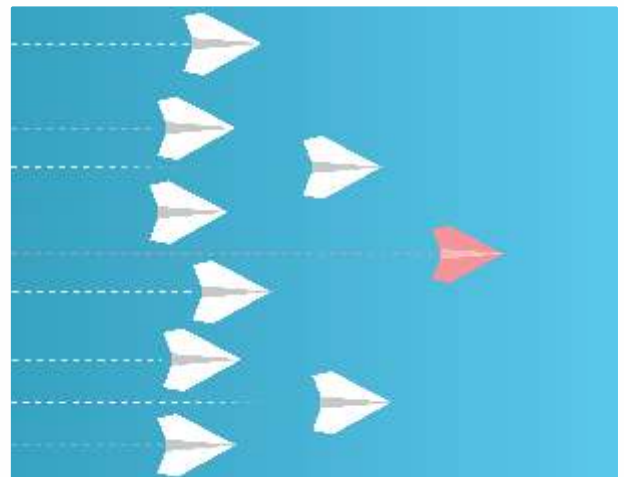
Our easy plug and play solution eliminate many pain points for the customer. Plants can be operationalised within days of planning unlike traditional plants which takes years to complete.

Our trained manpower will operate the machine at the site and will be assisted by our central team through remote access. Customers can review performance, access data and reports easily from anywhere on any platform.

Our billing is driven by operating parameters and is fully automated and transparent

Smart Packaged Lease Option

- ❖ Just plug and play
- ❖ Can be commissioned and operated within days
- ❖ No capex at all for the customer. Easy monthly rentals linked to output
- ❖ We handle complete operations and maintenance driven by technology.
- ❖ Smart technology - Easy monitoring on a dashboard





Leasing & Rental



Our containerised desalination plants provide a no capex solution to your water and waste water projects. We invest in the entire treatment system and enable a monthly operating billing model for you. We can structure our rental models as short term or long term operating and financial leases. We also provide you with a choice to own the plant after a defined period at an agreed price.

Our financing solutions include:

- ❖ Lease/Rental
- ❖ Build Operate Transfer (BOT)
- ❖ Public Private Partnership Models





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Quality

We have a deep understanding of our customers requirements associated with our products, technical expertise and services and we are committed to meet our customers expectations to deliver high-quality assets and services.

We ensure compliance with applicable Regulations and Standards for every region where our products and services are sold.

We are constantly engaged in a continually improving our quality standards through training, auditing, and rigorous adherence to policies and procedures with the ultimate goal of ensuring that products and services adhere to customers expectation and are compliant with the applicable laws and regulations of our service markets.



Health And Safety

We are committed to highest standard of health and safety. We place health and safety at work at the heart of our activities for our employees customers and other stakeholders we work with on a daily basis during our activities.

We constantly review all potential risk factors to effectively control them. We engage with all stakeholders to achieve a zero serious and fatal accident objective and to create an integrated health and safety culture.





Contact Us

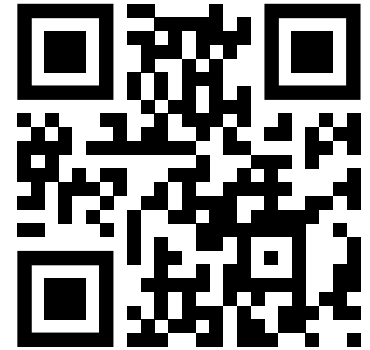
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Contact us for your
free water treatment plant today

