



THREEPLUS SOLUTION

Seawater Reverse Osmosis Desalination System (SWRO)

LARGE SEAWATER REVERSE OSMOSIS SERIES (LSWRO) INDUSTRIAL SEAWATER SYSTEMS

Our Industrial Seawater Reverse Osmosis portfolio includes systems to fit needs in large size projects. Solar, Skid, and Containerized options available. Standard series for large systems are described below; however, we can also customize your unit based on your unique requirements.

PROFILE

Threeplus Solution Company Limited was formed from a highly qualified team of engineers and technicians who had many years of experience in the industrial's field.

Threeplus Solution Company Limited had committed to serving our clients and fulfill their requirements with respect to Timely, Quality, Safety, and Abiding.

Threeplus Solution Corporation Company Limited Responsibility to its employees and share shareholders.

Threeplus Solution Company Limited has developed and implemented a quality assurance system conforming to the ISO standard. That following of this document shall provide a brief review of the organization, Service, and experiences of Threeplus Solution Company Limited which will enable Threeplus Solution Company Limited to be a leading position among other engineering and construction companies.

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SKID MOUNTED Easy to transport and install, with small footprint for reduced space

CONTAINERIZED Works in the most harsh and corrosive conditions



SOLAR/HYBRID Ensure operation with our full solar or hybrid system

**REMOTE MONITORING INCLUDED
IN ALL OUR SYSTEMS!**



KEY FEATURES:

- Premium quality
- Continuous operation
- Harsh duty
- Corrosion resistant features
- Industrial grade components
- 3 years prorated membrane warranty
- Easy to read and operate controls
- Advanced customization available
- Backed by years of RO design experience

TYPICAL INDUSTRIES:

- Drinking water
- Beverage/ Bottle water
- Food Processing
- Pharmaceutical
- Electronics productions
- Automotive
- Boiler feedwater
- Cooling tower make-up
- Chemical manufacturing
- Metal finishing
- Large scale irrigation
- And many other industrial and commercial applications

STANDARD FEATURES:

- Duplex SS-high pressure pipe lines
- PVC sch 80- LOW pressure pipe lines
- Powder coated frames.
- Pressure exchanger or Turbo charger as energy recovery device
- Thin film composite membranes
- FRP pressure vessels pump
- PLC driven control panel & VDF
- PDP energy efficient pump
- Product TDS meter
- Low & High-pressure protection
- Permeate & concentrate flowmeters
- Low membrane flux < 10 GFD
- Remote Control Monitoring
- Automatic product water flush on shutdown

ADDITIONAL FEATURES:

- EDI Electrode-ionization
- Ultrafiltration
- Recirculation
- Automatic blending
- ORP
- Ozone Injection
- Tube setting system
- UV sterilization
- Chlorination
- Dichlorination
- PH adjusts
- MM filters (sand, anthracite, activate carbon)
- Ion exchanger
- Turbidity monitor
- Chemical Injection System
- Suction and discharge pulsation damper



Model and Specifications

Table of Performance

Model	Performance				
	Output		Product	Feed	Recovery
	LPD	M3/D	LPD	LPD	%
G-SWRO1000	1000	1	1000	2,000.00	50
G-SWRO2000	2000	2	2000	4,000.00	50
G-SWRO4000	4000	4	4000	8,000.00	50
G-SWRO10000	10000	10	10000	20,000.00	50
G-SWRO20000	20000	20	20000	40,000.00	50
G-SWRO40000	40000	40	40000	80,000.00	50
G-SWRO60000	60000	60	60000	120,000.00	50
G-SWRO100000	100000	100	100000	200,000.00	50
G-SWRO150000	150000	150	150000	300,000.00	50
G-SWRO200000	200000	200	200000	400,000.00	50
G-SWRO300000	300000	300	300000	600,000.00	50

