

MORO 4x25T

Reverse Osmosis

Mobile Water Services

The MORO 4x25T is a modular mobile trailer mounted reverse osmosis system to provide you with either single pass or double pass reverse osmosis treated water to meet your requirements in a flexible, fast and efficient manner.



Performance specification

- Up to 110, 220, 330 or 440 gpm single pass treated water production based upon either 1,2,3 or 4 skids in operation
- Up to 180 gpm double pass treated water production based
- Single pass < 5% salt passage
- Double pass < 2% salt passage

Typical applications

- Emergency water needs
- Refurbishment needs
- Planned outages
- Commissioning activities
- Steam blows
- Boiler and pipe flushing
- Shortage of supplies
- Seasonal capacity uplift
- Changing water quality

Speed of response

Available to dispatch to your facility 24h/7, 365 days per year within hours depending on your location, this mobile water treatment plant is capable to meet all of your reverse osmosis water treatment requirements. It is deployed from our strategic located depots to ensure the optimum speed of response and minimal freight time.

Reliability

The MORO 4x25T is designed for simple and reliable operation. A 'Plug and Play' solution, simply connect to your pressurised feed water source and receive treated water in an instant at the outlet in a fast and effective way.

Full service offering

Our MORO 4x25T comes complete with connection kits for both the feed, treated water and drain lines. This reduces the time to commission the system and any logistics time to procure these necessary accessories.

Treated water quality and quantity

All MORO 4x25T's come with our unrivalled performance guarantee to measure and monitor the quality and quantity of treated water produced to ensure your specification is met at all times.

Service and operation

Our dedicated team of engineers is available to assist you during start-up and commissioning. Their availability and support can be adapted to meet your requirements.

Project budget

We recognise the importance of delivering a project to specification and within budget is essential to our customers. We offer a variety of pricing structures to match your requirements and understanding of this critical service.

Health and safety

As a zero accidents supplier we understand the importance of meeting and exceeding both our customers and our own Health and Safety standards. All our equipment is built and maintained considering the highest operational standards and all personnel are trained on a regular basis to ensure they perform in the safest of environments.

Ancillary equipment and accessories

A complete range of complimentary equipment and accessories can be rented and provided as part of our unique 'Full Service Offer'. This may include pre-treatment, pumps, hoses, tanks and/or additional connection adaptors as required.

Chemical dosing

All systems are deployed with appropriate chemical dosing to enhance process performance including scale control and chlorine elimination and pH control.



Equipment Specification	Single pass RO	Double pass RO
Capacity	110, 220, 330, 440 gpm	90, 180 gpm
Feed Flow	145, 290, 440, 585 gpm	145, 290 gpm
Reject Flow	35, 70, 105, 140 gpm	45, 115 gpm
Recovery	75% 1st pass	75 %; 2nd pass 90%
Permeate quality	<5% salt passage	<2% salt passage
Temperature	All flows and rejections based upon 60° F feed water	
Feed water quality requirements	Fe < 0.1 mg/l, Mn < 0.1 mg/l, pH 2-11, < 1 NTU, SDI ₁₅ < 5	
Feed water pressure requirements	45 psi (min. 20 - 25 ; max. 90 psi)	
Feed water temperature requirements	35-100° F	
Maximum TDS feed water	2000 mg/l	
Connections		
Feed water	6" Camlock SS male	
Permeate water	6" Camlock SS male	
Waste water	3" Camlock SS male	
Power (model dependant)	350 A, 480V, 60 Hz, 3 phases / 400 A, 600 V, 60 Hz, 3 phases	
Dimensions & Weight		
Length(trailer) (ft)	48 or 53	
Width(ft)	8.2	
Height (trailer) (ft)	13.15	
Shipping weight(lbs)	35 000 empty, 40 000 operating	