

# MOUF 4x80T

## Ultrafiltration

### Mobile Water Services

The MOUF 4 x 80T is a mobile trailer mounted ultrafiltration membrane filtration system to provide you filtered water to meet your requirements in a flexible, fast and efficient manner.



#### Performance specification

- Up to 4 x 350 gpm water production
- Turbidity <0.1 NTU maximum
  - SDI <3
  - 99.9999% removal of bacteria and microorganisms

#### Typical applications

- Emergency water needs
- Boiler feed
  - Planned outages
  - Commissioning activities
  - Drinking water
  - Desalination pretreatment
  - Shortage of supplies
  - Water reuse
  - Changing water quality

#### Speed of response

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

#### Reliability

The MOUF 4x80T 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 MOUF 4X80T 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 MOUF 4X80T's are certified to industrial water standards and come with our unrivalled performance guarantee to ensure the quality and quantity of treated water produced is to your specification 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 pretreatment, 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	
Capacity	1 450 gpm
Outlet quality	<0.1 NTU, SDI <3, 99.99% Removal of Bacteria
Temperature	All flows and rejections based upon 60 o F feed water
Feed water quality requirements	Fe < 5 mg/l, TSS 60 <mg/l, Turbidity <50 NTU
Feed water pressure requirements	45 psi (min 30 psi max 105 psi)
Feed water temperature requirements	0-95°F
Connections	
Feed water	2 x 6 inch
Product water	3 x 6 inch
Drain Water	5 (2 x 6 inch, 3 x 4 inch)
Chemical Wastewater	2 (1 x 2 inch and 1 x 3 inch)
Power	Single 480V/3Ph/60Hz - 225 AMP
Control System	
Control cabinet	PLC control, remote telemetry available on request
Alarms	General alarm terminals
External connections	Terminal for start/stop function Terminals for start/stop external booster pump and alarms. 4-20 mA tank level
Dimensions and Weight	
Length	48 ft
Width	8.5 ft
Height	13.5 ft
Shipping / Operating weight	39,700 lbs / 81,500 lbs