

MOFI-1200SS

Pressure Vessel

Mobile Water Services

The MOFI-1200SS is a skid mounted 316 stainless steel pressure vessel which can be utilised with different media from ion exchange, filtration and carbon adsorption to meet a variety of applications. It is able to be used within high or low temperature applications in a flexible, fast and efficient manner without the use of onsite chemicals.



Performance specification

- Up to 155 gpm treated water production
- Mixed bed resin performance < 0.1 $\mu\text{S}/\text{cm}$, 20ppb SiO_2
- Multimedia
- Zero discharge
- Inside or external operation
- Off-site regeneration/media loading
- Up to 212° F

Typical applications

- Emergency water needs
- Refurbishment needs
- Planned outages
- Commissioning activities
- Process applications
- Boiler and pipe flushing
- Shortage of supplies
- Condensate polishing
- Changing water quality
- High temperature

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 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 MOFI-1200 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. There are no complicated pumps or regeneration systems to put production at risk.

Full service offering

Our MOFI-1200 comes complete with connection kits for both the feed and treated water supplies. This reduces the time to commission the system and any logistics time to procure these necessary accessories.

Treated water quality and quantity

All MOFI-1200'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 pretreatment, pumps, hoses, tanks and/or additional connection adaptors as required.



Equipment Specifications	
Vessel diameter ID (ft)	3.45
Materials of construction	316 stainless steel
Media volume (cu.ft)	42
Service flow rate (gpm)	45 to 155
Pressure drop at maximum flow at 75o F	10.8 psi @ 100gpm
Maximum operating pressure (psi)	116
Maximum operating temperature (° F)	212
Handling	Lifting lugs and fork lift ports
Dimensions & Weights	
Width (ft)	3.45
Depth (ft)	4.3
Height (ft)	7.4
Weight (Mixed bed resin) (lbs)	3700 (when operating 5500)
System Connections	
Inlet / outlet connections	3" Camlock
Power connection (if required)	16A, 230V/110V AC - mono + earth
Media Performance	
Mixed bed polishing (< 0.1 µS/cm, 10ppb)	18 kg CaCO ₃ capacity
Carbon absorption media	Confirmed upon application
Filtration media	Confirmed upon application