

Horizontal Filtration Trailer

The Horizontal Filtration Trailer (HFT) is a unique, high capacity trailer-mounted system designed to provide temporary water treatment in a wide variety of industrial and municipal applications. The eight-cell filter has a total surface area of 242 square feet, providing the highest capacity flow rate available in a single trailer.

This trailer is capable of producing high quality water for reverse osmosis process feed water up to 1,200 gallons per minute. Flow rates up to 1,600 gallons per minute are possible when used for general filtration applications. The unit can be loaded with media using chemical feed for turbidity reduction, with activated carbon for de-chlorination or organic removal, or with specialized resin for iron and manganese removal.

The horizontal filtration trailer is fully automated with instrumentation for efficient and reliable operation. There is no need to shut down, as clean filtered water is used for filter section backwash ensuring optimum performance and minimal loss of output capacity. The filters can be backwashed on time or delta pressure depending on system requirements. On-board chemical feed skids can be used for coagulant and disinfectant feed to enhance the filtration process.

Mobile systems are ideal for temporary or longer treatment needs where the quantity or quality of water needed cannot be produced with existing equipment. Our skilled installation teams and field service technicians are available to expedite installation and to provide on-going operating and maintenance service.

Siemens Water Technologies guarantees the quality, quantity and cost of water produced from our mobile treatment systems. All mobile systems are supported with an inventory of critical components, as well as a large fleet of back-up mobile assets. Our service team is on call 24-hours per day to meet your demands.

Call Siemens for all of your water treatment needs. We have over 80 local service facilities across the US and Canada ready to help you solve any water problem.

Mobile systems provide reliable service for:

- Temporary or long-term water treatment
- Pilot plant operations on various water systems
- Treatment for seasonal peaks or scheduled maintenance
- Pretreatment and deionization without on-site regeneration
- On-site operational expertise



North America Service Branch Network



Specifications

Dimensions (L x W x H)	45' x 8.5' x 13.5'
Shipping Weight	55,000 lbs.
Operating Weight	240,000 lbs.
Product Water	480-1,600 gallons per minute
Pressure	40-95 psig
Electrical Requirements	120V/single phase/60Hz/100Amp
Service Connections	
Inlet/Outlet/Backwash	8" / 8" / 4" flanged
Vessel	8' diameter x 32" long, ASME code to 100 psig
Lining	NSF 61 Certified
Media	Multi-media, Sand, Anthracite or Activated Carbon
Instrumentation	System Pressure, Effluent Turbidity, Flow Meters
Chemical Feed	Coagulant/Oxidant or Disinfection

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