

Mobile ACTIFLO® Clarification System

Siemens Water Technologies provides the best in mobile clarification featuring the ACTIFLO® process, a Kruger Inc. technology. This self-contained trailer-mounted system is capable of treating highly turbid water (up to 1000 NTU). The system produces extraordinarily clear effluent (1.0–2.0 NTU) with remarkable stability under varying raw water conditions.

The patented ACTIFLO process uses microsand as a seed to enhance floc formation and increase settling rate. The microsand promotes production of higher quality effluent than other types of clarification systems, and is ideally suited for treatment of raw water that is traditionally difficult to treat such as:

- Very high or low turbidity
- High color / TOC
- Cold water
- High algae

Its stability, ease of operation and small footprint make the clarifier trailer ideal for clarifying 750 gpm of raw water, reclaimed water or secondary effluent. The system provides clear water for further processing or discharge in even the most demanding conditions.

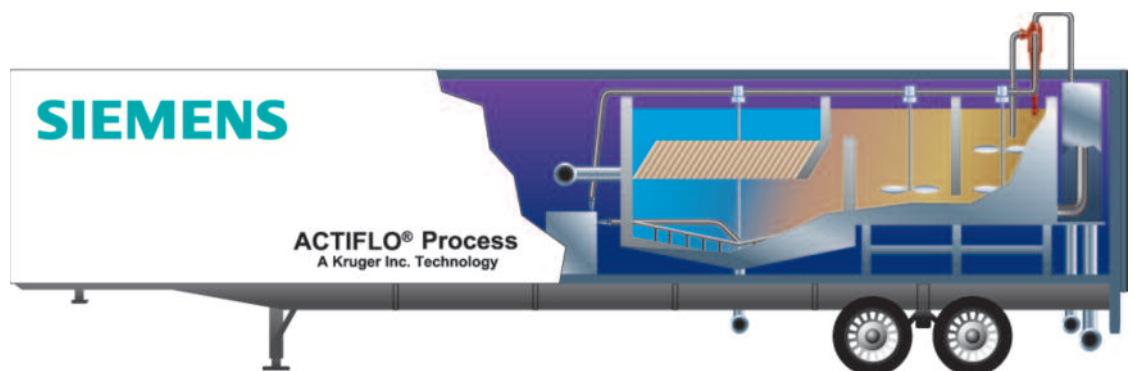
Mobile systems contain instrumentation and equipment for a fully automated and monitored operation. Chemical feed skids and fail-safe shut down controls are also included to ensure efficient and reliable operation.

When using Siemens mobile systems, we guarantee quality, quantity and cost of treated water. All mobile equipment is backed with an inventory of standard critical components. Our skilled service team is on call 24-hours per day to meet your needs.

Call Siemens for your water treatment requirements. We have over 80 local service facilities across the United States and Canada, ready to meet your needs.

Mobile Systems Provide Reliable Service for:

- Temporary or long-term water treatment requirements
- Pilot plant operations on various water streams
- Treatment for seasonal peaks or scheduled maintenance
- On-site operational expertise



North America Service Branch Network



Specifications

Design Capacity	1 MGD, design 1.5 MGD, max
Dimensions	48' x 8'6" x 13'6"
Operating Weight	95,000 lbs.
Coagulation Tank @ design	1.7 minutes
Injection Tank	1.7 minutes
Maturation Tank	6.0 minutes
Settling Tank Load Rate @ design	30 gpm/ft ²
Electrical Connections	480 VAC, 3 ph, 100 amp
Mechanical Connections	8" flange inlet 10" flange outlet 4" flange drain
Instrument–Influent	Raw water turbidity meter Raw water pH meter Raw water flow meter
Coagulated water pH meter	
Instrument–Effluent	Clarified water turbidity meter
Control Panel–PLC-based	NEMA 12 UL label Operator interface display Signal isolators Surge protectors Circuit breakers .I/O terminal strips

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