



**AdvanTex**<sup>®</sup> Treatment Systems

# AX-Mobile<sup>™</sup>

Manufactured by **Orenco Systems**<sup>®</sup>, Inc



## Applications

- Work camps
- Remote industries
- Emergency housing
- Military facilities

PORTABLE, SUSTAINABLE  
**WASTEWATER TREATMENT**

# AdvanTex AX-Mobile Treatment System

## Why AdvanTex AX-Mobile?



### **SIMPLE**

Easy to install. Minimal operation and maintenance needs.



### **SCALABLE**

Modular, complete package that's easy to expand as needed.



### **PORTABLE**

Transportable via truck, train, or boat to remote locations.



### **AFFORDABLE**

Low energy consumption, low life-cycle costs.



### **TRUSTED**

Backed by Orenco's decades of expertise.

## Sustainable Solutions for a Cleaner Future

### Need portable, advanced treatment?

Discovering you need a more complex wastewater treatment system than initially thought can leave you wondering how to meet tough regulations.

### And a hassle-free fix?

You want a solution that lasts without constant headaches, but you may not know what options are available or how to choose between them.

### What's the best pick?

With so many options floating around, choosing the right one can feel like a guessing game.

*Orenco's AdvanTex AX-Mobile Treatment Systems provide reliable, energy-efficient wastewater treatment for remote sites and applications, consistently meeting stringent regulatory standards with low power and maintenance requirements.*



No matter where it's located—from Alaska to St. Lucia to Iraq—a single AdvanTex AX-Mobile handles average daily flows of up to 15,000 gallons per day (56,781 L/day) and can be installed in multi-unit arrays to treat larger flows.

# AdvanTex AX-Mobile Treatment System



*A seismic surveying firm needed portable wastewater systems for a series of remote camps in Iraq. The AX-Mobile was chosen for its ability to meet treatment limits with minimal operation and maintenance needs.*

## A Simple Path Forward

Knowing the right questions to ask is the first step toward choosing a wastewater treatment technology.

### Ensure Your Return on Investment

- How much will this system cost me to operate every year?
- What are the long-term, life-cycle costs of this system?
- Which system can I rely on to avoid shutdowns and meet my remote sanitation needs?

### Keep It Sustainable

- How long will the main components (tanks, pumps, treatment media, and controls) last?
- How hard is it to replace these components, and what do they cost?
- Can this system be expanded as treatment needs grow?

### Meet the Requirements

- How do I know if I need advanced wastewater treatment?
- Can this system meet the regulations and be adapted to a change in regulations?
- How do I avoid costly regulatory fines?

### Know Who to Trust

- Does this system's manufacturer have a long, successful track record?
- How many systems has this manufacturer sold and installed?
- What product support will this manufacturer provide me after the sale?

## No Guesswork

With Orenco Systems, you don't have to guess. We've thought through all the problems, so you don't have to. Our time-tested systems protect your investment by ensuring you don't face costly repairs, fines for noncompliance, or unnecessary complications.

At Orenco, we provide simple solutions that last. Whether you're in the early planning stages or need ongoing support following your installation, we're here to ensure that your system runs smoothly, year after year.

### WHY CHOOSE ORENCO?

- Over 40 years in the wastewater business
- Expert staff to guide you through every decision
- Comprehensive support from design to long-term maintenance
- A reputation for excellence and reliability

### WHY CHOOSE ADVANTEX?

- Minimal operation and maintenance needs
- Low life-cycle costs for a strong return on investment
- Technology built to grow with you and meet regulatory changes
- Peace of mind through consistent, reliable performance



# AdvanTex AX-Mobile Treatment System

## Carefully Engineered by Orenco

With a deep respect for the environment and a long tradition of innovative problem-solving, Orenco designs and builds the world's best decentralized wastewater systems with pride in Southern Oregon. Our products help ensure the health and safety of people, neighborhoods, and communities everywhere by protecting the world's water.

We maintain an environmental lab and employ dozens of civil, electrical, mechanical, and manufacturing engineers, as well as wastewater treatment system operators. Orenco's technologies are based on sound scientific principles of chemistry, biology, mechanical structure, and hydraulics.

Founded in 1981, Orenco has become an industry leader, with about 400 employees and some 330 points of distribution around the world. Our systems have been installed in more than 70 countries.



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## Use the AX-Mobile for Properties Like These ...

### EMERGENCY SANITATION

The wastewater treatment system for a luxury hotel on the island of St. Lucia was destroyed by Hurricane Tomas in October 2010. This Caribbean destination desperately needed an emergency solution—to have a new system designed, built, shipped, installed, and functioning before the busy Christmas tourist season. After initial contact with the resort's engineer on November 18th, an AdvanTex AX-Mobile Wastewater Treatment System was custom built and shipped to the site. Orenco staff flew to St. Lucia for the installation, and the system was up and running in four weeks from initial contact, just in time for Christmas holiday guests. The Orenco tank and treatment unit for this temporary, emergency solution would later be relocated to become part of the resort's permanent wastewater solution.



### MINING CAMPS

Owners of a mining camp in northern British Columbia needed a portable wastewater treatment system that would not only meet strict permit limits in this rocky, environmentally sensitive area, but could also withstand the harsh conditions at the remote site. The consulting engineer suggested an AdvanTex AX-Mobile Wastewater Treatment System because these robust units work well in extreme conditions and are easy to ship and set. Also, the systems require little energy and have minimal O&M needs, making them an excellent fit for this remote location at the base of a glacier. The AX-Mobile was transported to the site via barge and then a truck and trailer. Setup was minimal because the AX-Mobile's components were preinstalled at the factory, so the system was virtually plug and play.



### OILFIELD CAMPS

An oilfield services firm was in the market for a portable wastewater treatment solution for its new facility in Texas. The development was located in a desert area with cement-like soils, and flows would exceed the threshold for requiring a state permit. The construction company involved had installed an AdvanTex AX-Mobile Wastewater Treatment System at a similar site and recommended it to the project manager. The resulting system was permitted for 24,000 gpd (91 m<sup>3</sup>/day) and included an Orenco liquid-only sewer collection system followed by four AX-Mobile units. After UV disinfection, the treated effluent is clean enough to be discharged to a nearby creek. The system's operator tests both the site's well water and its wastewater effluent. When you look at both samples, he says, "You can't tell the difference."



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