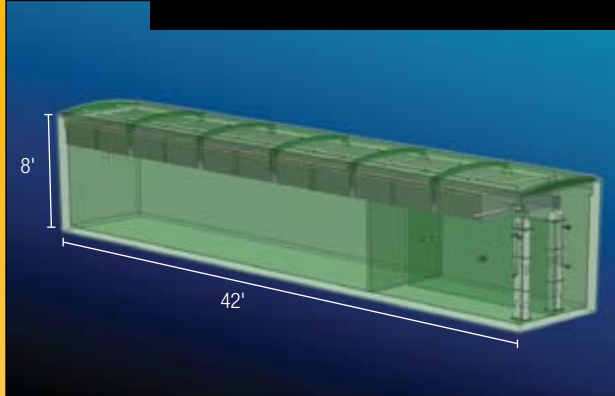


AdvanTex® - MAX™

Modular, Fully-Plumbed Wastewater Treatment System



A full-sized 42' long AdvanTex-MAX unit can be configured as a 15,000 gpd treatment system when receiving primary treated effluent from septic tank(s) or an effluent sewer. Alternatively, the same unit can be configured as a 5000 gpd system when receiving raw sewage. Smaller (shorter) units are available for smaller flows and mobile treatment systems.

*Get energy-efficient wastewater treatment. **Anywhere.***

Orengo Systems® — developers of the AdvanTex® line of high-performing textile treatment systems — is introducing the AdvanTex-MAX™ for commercial, residential, municipal, and mobile applications.

The AdvanTex-MAX is a complete, fully-plumbed, AdvanTex Wastewater Treatment Plant for decentralized applications with medium-to-large-flows (5000 gpd and up) and permits requiring secondary treatment or better.

The AdvanTex-MAX is built inside an insulated fiberglass tank that is durable, lightweight, and watertight. Tanks range from 20'-42' in length and they're easy to ship and set. Ship by truck, rail, cargo container, or helicopter. Our steel-framed version can be literally parachuted by helicopter into remote locations.

The AdvanTex-MAX can be installed below-ground or above, singly or in multi-tank arrays. In harsh climates, the AdvanTex-MAX can be purchased with an optional control room. Or a multi-tank array can be completely enclosed in a building.

Like all AdvanTex Treatment Systems, the AdvanTex-MAX is a recirculating textile filter that produces outstanding effluent quality, while using very little electricity: only 3 kWh per 1000 treated gallons. It can treat blackwater and graywater to re-use levels for dust control, surface discharge, or subsurface dispersal.

For more information, contact Orengo Systems®, Inc., **800-348-9843** or **+1 (541) 459-4449**. Ask for Tristian Bounds (tristianb@orengo.com) or any Engineered Systems engineer.

Applications:

- Commercial, residential, municipal, mobile

Technology:

- Recirculating packed bed filter

Effluent Quality:

- cBOD/TSS (low-to-moderate loading) = ~5 mg/L
- cBOD/TSS (higher loading) = 10-25 mg/L

Nitrogen Reduction:

- Without additional equipment: 60-70%
- With additional equipment: >90%

Control System:

- Timer-controlled pumps
- Remote telemetry control panel



The Alyeska Pipeline Company selected a fully self-contained AdvanTex system with optional control room for a remote site serving pipeline workers in central Alaska. Installed in 2009, the system is producing <5 mg/L BOD/TSS and fecals of <3 cfu/100 mL.

AdvanTex® Treatment Systems
Manufactured by **Orengo Systems®, Inc.**

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