

Orenco® News Release



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Prelos® and AdvanTex®: Bringing a One-Two Punch to WEFTEC

SUTHERLIN, ORE., September 15, 2023 — Orenco Systems will showcase its must-see products and solutions in **Booth #2048** at this year's Water Environment Federation Technical Exhibition and Conference (WEFTEC), to be held October 2-4 in Chicago, Illinois. All three Orenco divisions will be featured: Orenco Water™ (wastewater collection and treatment), Orenco Composites™ (buildings, tanks, and basins), and Orenco Controls™ (electrical controls).

Orenco Water (orencocom) will display a full-size Prelos Processor cutaway with a complete pumping package. The Processor is the core of a Prelos Sewer – a pressurized liquid-only sewer that combines on-lot, primary treatment of solids with small-diameter, shallow-bury sewer lines that transport effluent to a secondary treatment facility. Because Prelos Sewer lines can typically be installed using directional boring, both cost and neighborhood disruption are minimized. And with only liquids needing treatment, the cost and size of the treatment facility can also be reduced. “Choosing the right sewer to meet their needs and circumstances has saved our customers millions of dollars,” says Mike Saunders, Orenco's National Sales Manager for commercial and municipal systems.

The Prelos Processor is an all-in-one, complete unit that's easy to specify and install. Its long-lifespan components include a patented* “meander” tank designed for superior solids removal, a passively self-cleaning Biotube® effluent filter, and the ClickTight™ wiring connection system. ClickTight replaces field splicing with a molded connector system that protects against the effects of moisture and corrosion and allows for the quick connection of a pump and up to four float switches to a control panel. The Orenco booth will include a complete ClickTight display with control panel and float switches.

Orenco Water will also showcase its AdvanTex AX-Max™ Wastewater Treatment System, a recirculating packed-bed filter with a highly efficient, engineered textile media. The AX-Max is pre-plumbed and easy to install, either individually or in multi-tank arrays. Another AdvanTex model, the AX100, will be featured in a cutaway display. In both AdvanTex units, visitors will be able to see the sheets of textile treatment media, which microbes attach themselves to, breaking down contaminants through a natural, biological process that requires no chemicals. When combined with Prelos Sewer, AdvanTex provides an ideal solution for decentralized wastewater treatment for businesses and small or planned communities.

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Prelos & AdvanTex, page 2

Orenco Composites (orencocomposites.com) will showcase its fiber-reinforced polymer (FRP) products for improving infrastructure at both new and existing water and wastewater facilities. The Orenco booth will display a prepackaged DuraFiber® building – a leakproof, seamless structure that's virtually maintenance free. Other products include DuraFiber tank covers and FRP rectangular tanks – all manufactured using a vacuum-infused molding process and web-stiffened sandwich construction, resulting in products that are corrosion resistant and super strong, but also lightweight.

Orenco Controls (orengocontrols.com) will feature several municipal control panels, which all include the OLS smart-logic controller with user-friendly interface graphics that make the panel simple to operate. These panels are available with either integrated starters or variable-frequency drives, including many adjustable parameters to optimize system operation. The panels are designed specifically for municipal pumping applications, including wastewater lift stations, stormwater pump stations, dewatering pump control, sludge pumping, and fresh water boosting. One of these OLS panels will be located inside the DuraFiber control building, demonstrating a method of installation that maximizes convenience while eliminating environmental concerns.

Founded in 1981, Orenco has become an industry leader, with about 475 employees and some 330 points of distribution across North and Central America, Australasia, Europe, and Africa. The company's products and technologies are at work in more than 70 countries around the world. See orengo.com for more information.

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Photos/Captions: Photos, captions, and our WEFTEC 2023 Media Kit are available online at http://www.orengo.com/corporate/media_resources/index.cfm

* U.S. patent 10,392,281