Smith & Loveless Inc.

NEWS RELEASE
Dec. 2, 2024

Smith & Loveless Inc. Highlights the EVERLAST™ Series Hi-Head Pump Station for High TDH Applications

Efficiently Meets High Head Applications, Reduces Power Costs, and Enhances Operator Safety with Innovative Above-Ground Design

LENEXA (Kan.) – Smith & Loveless Inc. highlights the **EVERLAST™** Series Hi-Head Pump Station, an advanced, above-ground pumping solution designed specifically for high-head wastewater lift station applications requiring long force mains, elevated static heads, or both. The **EVERLAST™** Hi-Head Pump Station leverages pumps in series operation, connecting two S&L **STAR ONE™** Non-Clog Pumps so the discharge of the first pump feeds directly into the inlet of the second pump. This series configuration uniquely increases TDH capability up to 316 feet (96 meters), supporting applications with high head requirements while providing substantial energy savings through reduced horsepower needs.

All mechanical components, including S&L **STAR ONE™** Non-Clog Pumps, are mounted above the wet well, eliminating confined space hazards during operation and maintenance. The **EVERLAST™** station is completely factory-built and tested to Hydraulic Institute standards, ensuring seamless performance tailored to site-specific conditions and minimizing field labor and installation time.

The **EVERLAST™** Hi-Head Pump Station's series operation provides significant power cost reductions. By utilizing two pumps in series with lower individual horsepower requirements, the system achieves the necessary head without the need for a single, higher-horsepower pump, allowing for a smaller generator and reduced operating costs. The vertically mounted, non-clog pumps also feature common suction flanges, allowing the entire lift station to be installed above the wet well, eliminating the need for separate valve vaults and further simplifying the design.

To enhance reliability and operational ease, the **EVERLAST™** station includes optional features such as **RapidJack®** check valves, which streamline access and reduce maintenance time by eliminating the need for disassembly and piping realignment, and **QUICKSMART™** PLC controls, which provide operators with a user-friendly touchscreen interface for real-time data monitoring and alarm settings. For installations with challenging waste types, the optional **X-PELLER®** mono-port impeller effectively handles heavy ragging and stringy materials, including "flushable" wipes, extending pump life and reducing clogging incidents.

continued

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Capable of handling flows up to 1,300 gallons per minute (82 liters per second) and built for TDH requirements up to 316 feet (96 meters), the **EVERLAST™** Series Hi-Head Pump Station is a versatile, high-capacity solution that combines energy efficiency, safety, and ease of operation for demanding wastewater applications. For more information on the **EVERLAST™** Hi-Head Pump Station and its capabilities, visit www.SmithAndLoveless.com.

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About Smith & Loveless, Inc.
Founded in 1946, Smith & Loveless Inc. is a global manufacturing leader of engineered systems for the water and mining industries with installations in more than 75 nations around the world. For more information on Smith & Loveless Inc. and its products, visit www.smithandloveless.com, and follow the company on LinkedIn and Twitter.

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