



Smith & Loveless Inc.

NEWS RELEASE

April 2, 2026

Smith & Loveless Introduces New PISTA® Synchronous Belt Drive Option for Grit Chambers

LENEXA (Kan.) – Smith & Loveless Inc. announces the new **PISTA®** Synchronous Belt Drive, an advanced drive option engineered for all **PISTA®** Grit Chamber systems. Designed to simplify operation and reduce maintenance requirements, the **PISTA®** Synchronous Belt Drive offers a new alternative to traditional oil-based gear drives with a durable synchronous “toothed” belt system that improves reliability while lowering ongoing operation and maintenance demands.

The **PISTA®** Synchronous Belt Drive eliminates the oil bath associated with gear drives, removing the need for oil inspection, filling, replacement, and disposal. By transitioning to a grease-lubricated synchronous belt design, operators can avoid common issues associated with oil-based systems, including overfill concerns and routine oil management tasks. The drive utilizes a robust toothed belt constructed from HNBR rubber and high-tensile strength carbon fiber core, providing long-lasting tension stability and reliable power transmission with significantly reduced maintenance frequency.

Designed for both new installations and existing systems, the **PISTA®** Synchronous Belt Drive is available as an option on new grit chamber systems and for a retrofit onto existing **PISTA®** Grit Chambers because it uses the same anchor bolt pattern as traditional **PISTA®** drives, including the **PISTA® INVORSOR®**, **PISTA® VIO™**, **PISTA® 360™ with V-FORCE Baffle™**, and **PISTA® 270™**.

In addition to reduced maintenance, the drive includes several operator-friendly enhancements. These include a new automatic greaser for the slewing ring, and multiple inspection ports that allow operators to easily access and monitor the synchronous belt for routine checks.

By incorporating durable synchronous belt technology, the **PISTA®** Synchronous Belt Drive helps wastewater treatment facilities reduce maintenance time, improve operational reliability, and lower long-term operating costs across **PISTA®** Grit Removal System installations.

To learn more about the **PISTA®** Synchronous Belt Drive and the complete line of **PISTA®** Grit Chamber systems, visit www.SmithAndLoveless.com. A new 2-page bulletin is available for download by request.

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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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