



Smith & Loveless Inc.

NEWS RELEASE

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Smith & Loveless Inc. Introduces TITAN MEM-BOX™ A New Factory-Built Solution to Upgrade WWTPs to MBRs

LENEXA (Kan.) – Smith & Loveless, the leader in factory-built Membrane BioReactors (MBRs), introduces its latest factory-built membrane system innovation, **TITAN MEM-BOX™**, a packaged membrane process zone that transforms activated processes into fully functional MBRs.

The integration of **TITAN MEM-BOX™** into a treatment process scheme elevates conventional wastewater treatment plants to cutting-edge water resource recovery facilities (WRRFs) by (a) improving plant capacity (b) improving effluent quality (c) implementing water reuse to counter water scarcity and (d) meeting population growth and tightening permit demands.

Designed for both existing and newly proposed plants, the **TITAN MEM-BOX™** membrane system eliminates the need for constructing additional treatment basins while streamlining the design process. This approach drastically reduces project time and costs associated with concrete tank construction. The factory-built and tested system arrives to the plant site ready to be integrated into the treatment scheme to produce superior effluent and achieve biological nutrient removal.

The **TITAN MEM-BOX™** comes with integral hollow-fiber or flat-sheet membranes (depending upon the application). With S&L's intuitive **QUICKSMART™** PLC controls and plant automation, which includes automatic membrane cleaning, **TITAN MEM-BOX™** is designed to make operation and maintenance the easiest of any membrane system.

The **TITAN MEM-BOX™** also integrates with S&L's large-flow Model R **OXIGEST®** treatment system to form the **OXIGEST MBR™**, offering a complete MBR treatment solution for flows of 250,000 gpd and larger, up to 2+ MGD per train.

Smith & Loveless' experienced technical staff assists project designers and end-users through every step of the project, from the pre-design phase to field installation and beyond with complete and reliable lifetime after market support as proven during S&L's 75-plus years. To learn more about **TITAN MEM-BOX™**, visit www.SmithAndLoveless.com.

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](#).

FOR MORE INFORMATION, CONTACT:

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