



14040 Santa Fe Trail Drive
Lenexa, Kansas 66215-1284
United States of America
Phone: (913) 888-5201
Fax: (913) 888-2173

**NEWS RELEASE
FOR IMMEDIATE RELEASE**

FOR MORE INFORMATION, CONTACT:
Marketing Communications
(913) 888-5201
marcom@smithandloveless.com

July 31, 2009

Smith & Loveless Introduces New PISTA® 360™ Grit Removal System

LENEXA, Kan. – The new Smith & Loveless **PISTA® 360™** grit removal system with patented **V-Force™** Baffle provides practical engineering benefits during system design and significant cost-saving considerations for municipalities prior to and after installation. The **PISTA® 360™** design increases velocity during low flow periods while maintaining consistent grit capture during surges. Its **V-Force™** Baffle uniquely positioned within a 360-degree, flat-floor grit chamber, helps comprise a patented hydraulic design that creates a forced vortex for efficiently capturing grit at all flows. Its ability to handle significant variances between design and peak flow conditions (in single units) can eliminate the need for multiple grit chamber arrangements, which in turn, lowers initial capital and long-term operational costs.

The integral **V-Force™** Baffle design also serves as a water level control device, often eliminating the need for downstream flow control devices like weirs. By integrating the water elevation settings with the baffle, the overall outlet footprint requirements decrease as much as half the typical distance. This also affords design engineers the flexibility to permit the outlet channel to make sharp turns – as much as 90 degrees – immediately following the circular chamber.

The Smith & Loveless **PISTA® 360™** with patented **V-Force™** Baffle represents just another innovation for the **PISTA®** line, the most specified vortex grit removal system in America.

Founded in 1946, Smith & Loveless Inc. is a global leader in the water and wastewater industry, offering a complete line of equipment and boasting installations in more than 70 nations around the world. To see a demonstration of the **PISTA® 360™**, visit us at the 2009 WEFTEC exhibition October 12-14, in Orlando, Fla. at booth #4075.