



XPELLER®

S&L X-PELLER® Impeller Easily Passes Consumer Flushables

Specifically designed for applications with high volumes of consumer flushables, the X-PELLER® impeller even works well in low flow conditions. The X-PELLER® impeller was designed for vacuum primed and flooded suction Smith & Loveless pumps 4" (100 mm), 6" (150 mm), and 8" (200 mm). In numerous field tests since 2000, it has successfully been proven that the X-PELLER® effectively expels high volumes of consumer flushables, including wipes, rags and other stringy materials, because of its mono-port design. For extreme clogging applications, the X-PELLER® successfully pumps flushables and eliminates the need to tear apart a pump to unbind the impeller.

Product Features

- Designed for 900, 1200 and 1800 RPM
- Installs inside both vacuum primed and flooded suction S&L pumps 4" (100 mm), 6" (150 mm), and 8" (200 mm)
- Handles flows from 75 to 800 GPM (5 to 50 lps) for 4" (100 mm) pumps, 75 to 1,000 GPM (5 to 63 lps) for 6" (150 mm) pumps and 300 to 1,700 GPM (19 to 107 lps) for 8" (200 mm) pumps
- Meets the Hydraulic Institute vibration standards
- Large open mono-port flow design dramatically reduces hang-up from wipes, rags and other stringy items in extreme pumping applications
- Fully trimmable to specific pumping conditions
- The X-PELLER® holds its balance through the full trim
- Virtually eliminates any clogging or binding



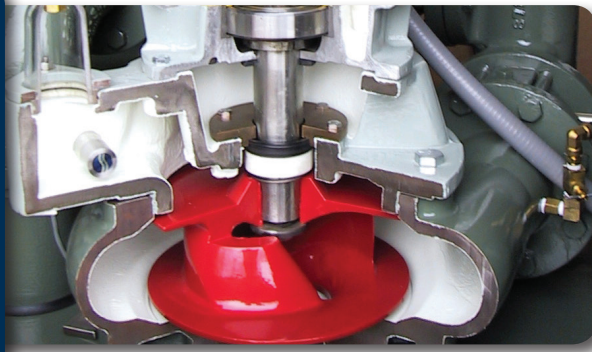
**PASSES
FLUSHABLES**

STRINGY MATERIALS AND RAGS
ARE HANDLED WITH EASE

APPLICATIONS

Smith & Loveless has seen almost every wastewater pumping application out there. In 99 percent of the cases, the standard Smith & Loveless impeller easily handles wastewater solids. Some applications that might need extra help with consumer flushables can include:

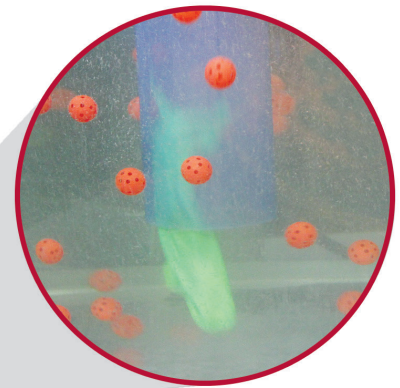
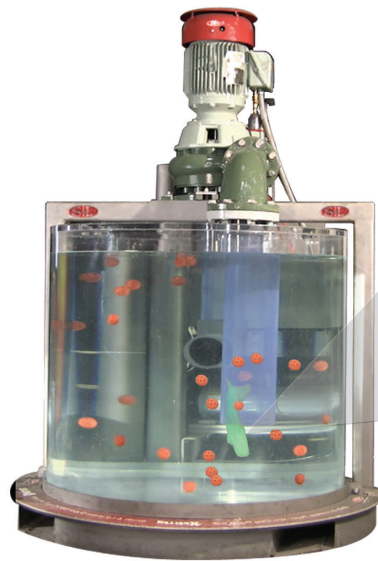
- Assisted Living & Retirement Communities
- Day Care Centers
- Subdivisions with Lots of Young Children
- Prisons
- Fairgrounds
- College Residence Halls
- Auto Repair Shops
- Hospitals
- Mobile Home Parks
- Use with Variable Frequency Drives on Low Flows
- Use for Extremely Low Flows Prone to Clogging



Now available for 6" (150 mm) and 8" (200 mm) pumps for new and retrofit applications

Mono-port Impeller for Wipes, Rags and Other Flushables

The standard S&L dual-port impeller rarely clogs and all S&L pumps are designed to pass 3" (76 mm) solids. However, in highly problematic consumer flushable installations, clogging problems are virtually eliminated after the X-PELLER® is installed. Numerous field tests successfully prove that the X-PELLER® effectively expels high volumes of consumer flushables, including wipes, rags and other stringy materials, because of its mono-port design.



See It For Yourself

Our new video demonstrates how the non-clog impeller can handle just about anything without clogging your wastewater pump. See it at smithandloveless.com/nonclog

What Customers Are Saying

"(Since installing the X-PELLER®), we haven't had to pull...pumps for a clogging situation. (We've gone for) six months with no clogging issues at all."

- Rick Russell, Collection Systems Manager, Rancho, Santa Fe Community Services District, Calif.

"It (the X-PELLER®) worked great. We were getting clogs...every few days."

- Kevin Leslie, Director of WPCA, East Windsor, Conn.



Smith & Loveless Inc.

Online: smithandloveless.com

Phone: 913-888-5201

FAX: 913-888-2173