



Smith & Loveless Inc.

Above all others.™

Think Outside the Wet Well...

Because Life is Too Short for Submersibles.

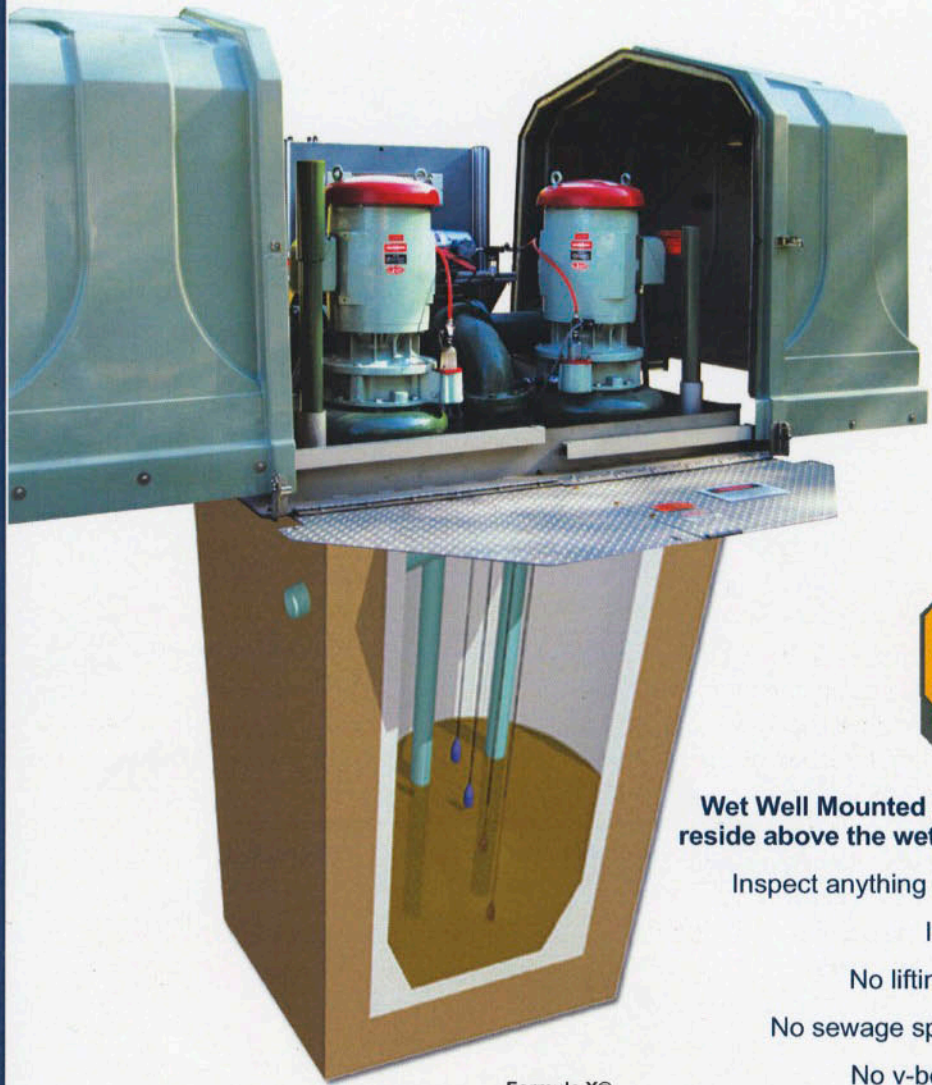
Superior S&L Non-Clog Pump design and manufacturing result in longer service life and lower life-cycle costs - proven to be more than **50%** vs. submersible pump stations. People who depend on our products deserve nothing less.

S&L Pump Station Advantages

- **Single-source responsibility** from a company with 65-plus years of producing pump stations built-to-last.
- **The very finest in wastewater pump construction**, offering durability, efficient performance and ease of maintenance.
- S&L Pump Stations are **factory-assembled and tested** prior to job site delivery. Installation can be half a day.
- All mechanical equipment is located **above the base plate**, allowing inspection without confined space concerns.
- **High operating efficiencies** result in lower power costs.



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Formula X®
Wet Well Mounted Pump Station
with enhanced warranty
& DURO-LAST™ Stainless Steel Baseplate



Wet Well Mounted Pump Stations reside above the wet well, at grade.

Inspect anything and everything.

Instantly. Safely.

No lifting. No lowering.

No sewage spills or cleaning.

No v-belts to maintain.

No confined space.

...and Experience the S&L Difference

The Wet Well Mounted Advantage

| Factory Assembled & Tested |

Smith & Loveless provides its customers a superior pump station experience. Decades of efficient, hassle-free performance is the hallmark of Smith & Loveless Pump Stations... but the total experience begins well before installation. As the industry pioneer of factory-built pump stations—and single-source responsibility—more than 60 years ago, we support projects from the initial pre-design phase all the way through the life of the installation.

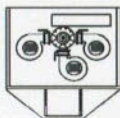


Pump Station Plan Views, Designs & Data

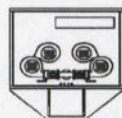
Two-Pump (Duplex)



Three-Pump (Triplex)



Four-Pump (Series)



Design Data

- Pumps: 4"-12" / 100-300 mm
- Piping: 4"-18" / 100-450 mm
- Horsepower: 1.5 - 300 HP
- Max. Ind. Pump Capacity: 5,000 gpm / 350 lps
- Max. TDH Capacity: 450 ft. / 135 m
- Wet Well Diameters: 4-12 ft. / 1.2-3.6 m
- Vacuum Priming

Pump Station Options

- Multiple Control Options PLCs to Relay Logic
- Multiple Alarms
- **DURO-LAST™** Stainless Steel Baseplate
- Concrete or Steel Wet Wells
- Cold Climate Packages
- Multiple Enclosure Options
- **StationComm™** 2-Way Text Monitoring



Vacuum Priming with SonicStart® Streamline™

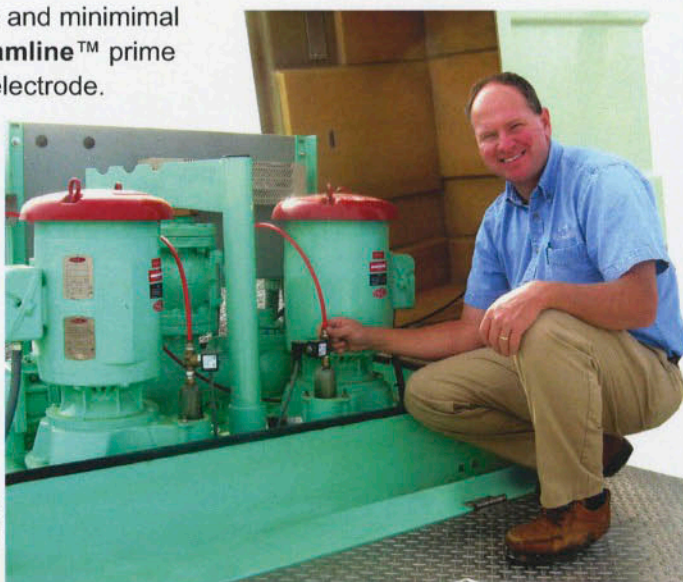
Wet Well Mounted Pump Stations position on top of the wet well and use suction-lift (vacuum priming) to prime and pump for wet well depths reaching 25 feet (7.6 m).

From a totally non-primed condition, the system primes the pump in about sixty (60) seconds under standard rated conditions. Once the Smith & Loveless Pump is primed, it is designed to stay primed indefinitely.

Employing frequency modulation and minimal connections, **Sonic Start® Streamline™** prime sensing replaces the traditional electrode.

Sonic Start™ Streamline

eliminates all traditional routine maintenance tasks associated with vacuum-priming and delivers the world's most hassle-free wastewater pumping.



Classic Wet Well Mounted Pump Station with Sonic Start® Streamline™

Wet Well Mounted Station Types

- **Formula X®** (2-Pump, Enhanced Std. Design)
- **Classic** (2 or 3 Pumps, Custom Designs)
- **R²** (2-Pump, Recessed for Deeper Wet Wells)
- **Series** (4 Pumps for High Head Apps.)
- **CAPSULAR®** (2-6 Pumps for Large Flows)
- Skid-mounted (1-6 pumps, non-std. enclosures)



Classic WWMPs



Rectangular Recessed (R²) WWMPs



CAPSULAR® WWMPs

Superior Designed, Premium Efficient S&L Pumps

Multiple Housing Options Offered



Vacuum-Primed S&L Non-Clog Pumps - with exclusive oversized stainless steel pump shaft, oversized bearings, and bronze seal housing - are the world's most durable wastewater pumps. Our design standards are proven in thousands of S&L Pump installations, delivering the longest service and superior wire-to-water efficiencies.



Skid-Mounted Series WWMPs

A Better Way to Pump



Smith & Loveless Wet Well Mounted Pump Stations (WWMPS) revolutionize the way you think about wastewater lift stations. By mounting a complete lift station - including S&L pumps, piping, valves, controls - outside of and above the wet well, wastewater pumping becomes dramatically simpler, safer and more economical. Available in 2-pump, 3-pump, and 4-pump series arrangements, in completely above-grade, semi-recessed and CAPSULAR configurations, S&L Wet Well Mounted Pump Stations feature pumping capacities (with pumps up to 300 mm / 12" in size) of up to 1,400 lps & 135 m TDH (20,000 GPM & 450' TDH).

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