



Smith & Loveless Inc.

Built-to-Last: The S&L Custom Series Underground Pump

The Smith & Loveless Custom Series is the original underground pump station that is built to last. This design established the quality features and benefits that you've come to expect from Smith & Loveless Pump Stations.



Design Benefits

Custom Engineered Piping Layouts – The pipe layout is always designed to maximize open areas

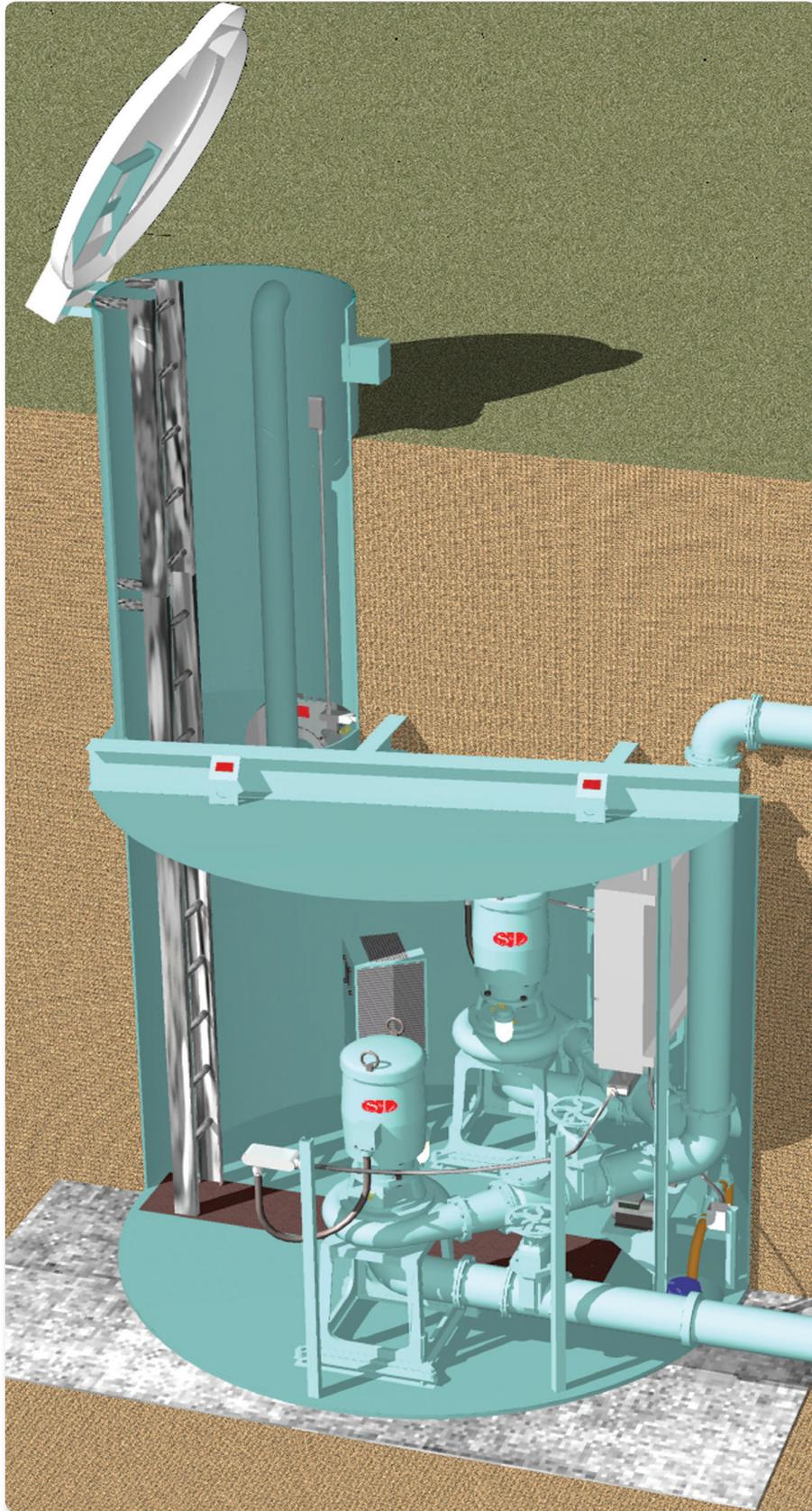
Environmental – With a ventilation blower, dehumidifier and lighting, the station is suitable for continuous human occupancy and provides a dry, comfortable climate in which to work

Heavy Duty S&L Pump - Incorporates the largest stainless steel pump shaft with oversized bearing. Pumps and motors have some of the highest efficiencies in a wastewater pump

Quality Control – Factory-built and tested prior to job site delivery minimizes field labor and assembly problems

Cost-efficient – Low installation costs combined with substantial energy savings make Smith & Loveless pump stations the most efficient solution for your underground wastewater pumping needs

Custom Designed Controls - Controls can be the most utilitarian relay logic to the latest technology PLCs.



Flow:

- 75 GPM to 6,000 GPM
- 5 LPS to 380 LPS

Head:

Single Stage:

- 370 ft.
- 113 m

Multiple Stages:

- 500 ft.
- 152 m

Options:

- 4" to 12" pump sizes (100-250 mm)
- 7 to 12" shell diameter (2.0 - 3.5 m)
- Soft start
- Variable frequency drives for speed control
- Flow metering
- Maintenance lift
- Solid-state controls

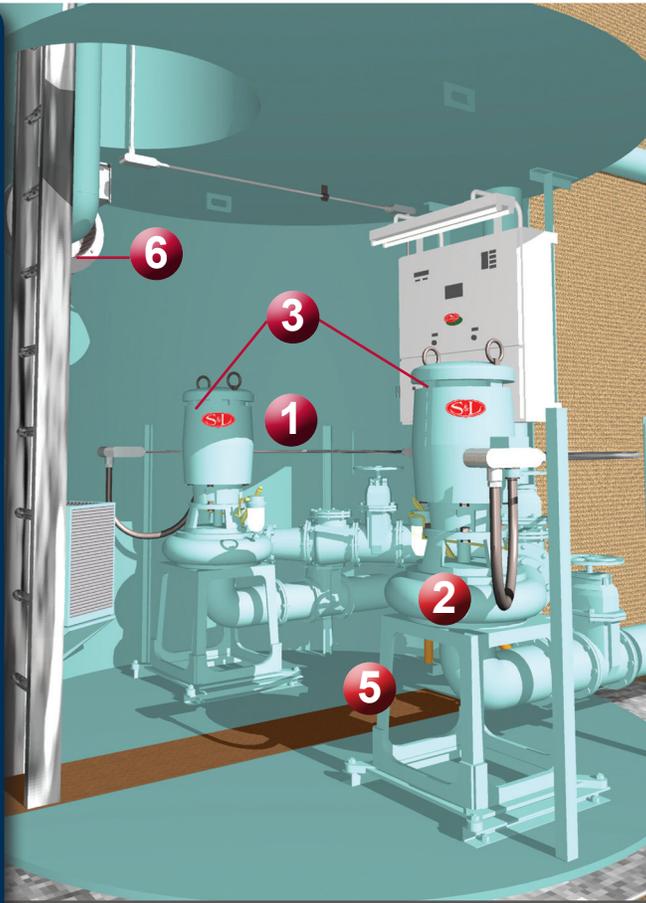


Smith & Loveless Inc.

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S&L Non-Clog Pump



Mono-port Impeller for heavy trash. Now available for 6" (150 mm) & 8" (200 mm) pumps!

Custom Series Product Features

- 1 Custom engineered piping layouts to maximize open areas.
- 2 Unique S&L Non-Clog Pump with a double mechanical seal and a heavy-duty, stainless steel shaft.
- 3 Corrosion-protected motor equipped with improved insulation which provides an extra long life.
- 4 High strength fiberglass entrance cover, equipped with a ladder extension and safety prop bar.
- 5 Sump pump equipped with two check valves for double protection against leakage back into the station.
- 6 Environmental equipment, including ventilation blower, dehumidifier and lighting, is suitable for continuous human occupancy, and provides a dry, comfortable climate in which to work.
- 7 Complete hydraulic, mechanical and electrical testing of station and all components before each station leaves the factory.