



Smith & Loveless Inc.
Above all others.™

FORMULA X[®] WWMPs

FORMULA X



LAST
STAINLESS STEEL BASEPLATE
w/ 25 YEAR WARRANTY

ABOVE
WET WELL MOUNTED PUMP STATIONS
ALL OTHERS

Designed for the Operator - Just Slide Open the Hood

Smith & Loveless combines imaginative engineering with skilled manufacturing to deliver the very finest in above grade wastewater pump stations. In the **FORMULAX[®]** Wet Well Mounted pump Station (WWMPs), all of the pumps, motors and controls are housed above the station base inside a sliding fiberglass enclosure. This above grade design keeps the equipment separate from the wet well, a permit-required confined space.

The **FORMULA X[®]** WWMPs embodies the Smith & Loveless Pumps and advanced factory-built station technology demonstrates why the **FORMULA X[®]** sets industry standards. The moment you slide open the split station enclosure, the quality is evident in its pumps, controls, construction and durability.

S&L Advantages

- Single-source responsibility from a company with more than 60 years of engineering and manufacturing expertise
- Factory built and tested prior to shipment
- All mechanical equipment is located above the base plate, allowing simple inspection and without confined space concerns
- Ease of access: No-lift enclosure with easy removal and simpler piping with optional pump flow sensor
- High operating efficiencies result in lower power costs
- Multiple control options



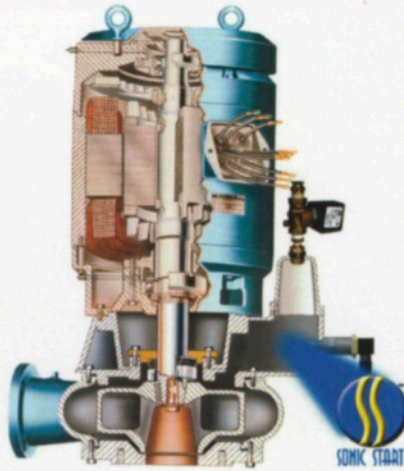
Formula X[®] WWMPs



Formula X[®] WWMPs

Pump Excellence: The S&L Non-Clog Pump

The design philosophy behind the S&L Pump engenders hassle-free maintenance, energy savings and long-lasting, reliable operation. This performance yields tremendous dollar savings for utilities and end-users striving to responsibly manage their equipment assets and promote beneficial life-cycle costing. Exclusive S&L Pump features include oversized shafts and bearings, full diameter shrouds, registered fit parts for close tolerances, and options for immersible and premium efficient motors.



Smith & Loveless Vacuum Primed Pump with SONIC START® Prime Sensor

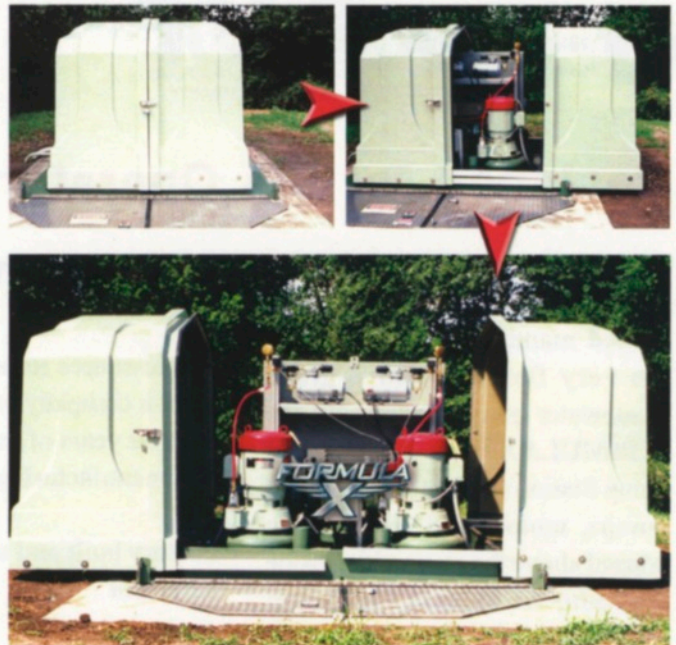
Pump Advantages

- Solid stainless steel oversized shaft
- Oversized bearings for long life
- Tapered shaft for easy impeller removal
- Higher pump efficiencies
- Designed Specifically for vacuum priming
- SONIC START® Prime Sensor

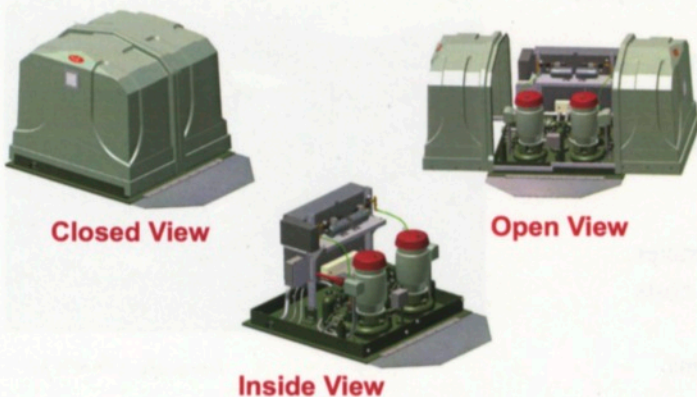
System Features

Armed with an array of state-of-the-art standard components and features, the FORMULA X® WWMPs delivers superior convenience and automation throughout the entire station's exterior and interior design. Features include:

- Sleek, split enclosure for convenient access to station and controls
- Natural, green tone fiberglass with improved UV resistance properties
- Simple enclosure removal within seconds without the use of tools or hoisting equipment. This provides 360-degree access to complete station
- "No-lift" enclosure design will meet OSHA's maximum allowable lift requirements for the foreseeable future.



The padlockable enclosure opens in seconds, without any lifting, for immediate access to pumps and controls.



Design Parameters

Sizing: 100-150 mm (4" - 6") piping
 Hp: 1.5 to 50 HP
 Flow: Up to 82 lps (1,300 GPM)
 TDH: Up to 48 m (155') TDH

*Smith & Loveless offers multiple control options, including the PLC-based PROTRONIX® II, the microprocessor-based PumpLogix P Series and a standard Relay Logic control.