

SMITH & LOVELESS LTD.



CAPABILITIES OVERVIEW



Smith & Loveless Ltd.
Above All Others.™



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UK'S SINGLE SOURCE FOR WATER AND SEWAGE EQUIPMENT AND SERVICE

- A UK-based sales, manufacturing and service subsidiary of Smith & Loveless Inc.
- Offering a full line of water / sewage pumping equipment, inlet works, biological treatment and filtration systems
- Providing technical services and spare parts from our UK location
- Joining other S&L subsidiaries in Los Angeles, Atlanta, London and Auckland



Smith & Loveless Inc. is pleased to announce the establishment of Smith & Loveless Ltd. Located in Camberley, our new subsidiary will manufacture and market the diverse water and sewage pumping and treatment technologies of Smith & Loveless Inc. and Kalsep UK Ltd.

We're proud of our legacy of reliable products and technical support to customers in the UK and around the world, a legacy backed by tens of thousands of installations, 80+ years collective experience and an extensive list of clients throughout the world.

S&L Ltd.'s focus is on the UK and European market. S&L Ltd. offers the complete S&L Inc. line of water and sewage pumping equipment, inlet works, biological treatment and filtration systems that are sold, manufactured and serviced from the Camberley location. Our service also includes maintaining a full compliment of spare parts stocked in the Camberley warehouse.

Our innovative system designs present proven but unique ways to minimise capital and maintenance costs while yielding efficient, long-lasting performance.



Smith & Loveless Ltd. and Kalsep UK Ltd. are based in Camberley, where manufacturing is accomplished.

S&L LTD. SUPPORT THROUGH THE LIFE OF YOUR PRODUCTS



Smith & Loveless Ltd. Technical Support Teams Help Across All Phases of Your Equipment's Life Cycle

S&L LTD. FSG SERVICES

FSG

EQUIPMENT COMMISSIONING

OPERATION & MAINTENANCE

The Smith & Loveless Ltd. **Field Services Group [FSG]** leads our **Equipment Commissioning** and **Operation and Maintenance** services. S&L Ltd. FSG assists customers with complete equipment commissioning services and training, and long-term support. S&L Ltd. FSG also provides emergency service and maintenance contracts to optimise your system's performance for decades to come. Plans are tailored to fit your time schedule and budget. With this flexible approach, S&L Ltd. FSG contracts with customers to create successful conclusions with compensation based on mutually agreed upon metrics over time.



As a leading manufacturer of treatment and pumping systems, we understand the relationship between timely customer service and customer satisfaction. That's why we provide comprehensive field services, including mobile service fleets, ISO 9001 quality assurance, 24/7 phone support, and a variety of unique monitoring and maintenance packages to maximise the value of your equipment investment.

S&L LTD. FSG SERVICES MENU

Call 01276 675675 to Discuss Service Options

GENERAL SERVICES

- Factory Authorized Warranty Service
- Operator Competency Education & Training
- Field Commissioning & Troubleshooting
- Preventative Maintenance Agreements for Optimised Service Life
- Dedicated & Highly Trained Staff for Superior Service
- 24-Hours / 7 Days A Week Emergency Service

ADVANCED SERVICES

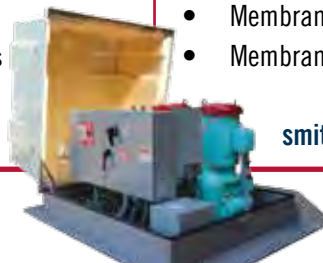
- Turnkey Installation Services (with S&L Field Erection Group)
- Custom Asset Optimisation Programmes
- Service on Gear Motors & Speed Reducers
- Soft-Start for Electric Motors & Adjustable Frequency Drives
- Electrical Control Repair / Troubleshooting / Modification
- Predictive Maintenance Programs
- CFD Diagnostics

PUMP / PUMP STATION SERVICES

- OEM Parts & Factory Trained Technicians
- Vibration & Predictive Maintenance
- Mechanical Seal Repair/Installation
- Repair / Rebuild for All Makes & Models
- Failure & System Analysis
- Bearing & Seal Replacement
- Custom Fabrications
- Custom Machining, Welding & Fabrication
- Shaft & Sleeve Repair
- Retrofit / Upgrade Solutions
- Engineered Pump Packages & Process Solutions
- Emergency Tankerage
- Temporary Pumping Service

PROCESS EQUIPMENT SERVICES

- OEM Parts & Factory Trained Technicians
- **RemoteView™** Monitoring & Process Support Service
- Custom Machining, Welding & Fabrication
- Repair / Rebuild for All Makes & Models
- Grit Removal System Diagnostics & Removal Efficiency Testing
- Treatment Plant Commissioning & Troubleshooting
- **FIBROTEX®** Filtration Systems Commissioning & Troubleshooting
- Retrofit / Upgrade Solutions
- Engineered Packages & Process Solutions
- Membrane Module Cleaning & Repair Service
- Membrane Replacement Service



smithandlovelessltd.co.uk

PUMPING SYSTEMS

- Packaged surface-mounted pumping stations
- Packaged dry-pit pumping stations
- Duplex, triplex and series-configured pumping stations
- Vertical non-clog pumps

INLET WORKS SYSTEMS

- Screening systems
- Grit removal systems
- Grit separation systems
- Grit washing systems
- Grit pumps

TREATMENT & FILTRATION SYSTEMS

- Membrane bioreactor (MBR) treatment systems
- Extended aeration and fixed-film treatment systems
- Factory-built, containerised and field-erected treatment systems
- Water filtration and membrane systems
- Filters and housings



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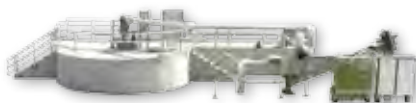
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PUMPING

At the heart of S&L Ltd.'s innovative factory-built, packaged, pumping stations are vertical, non-clog S&L sewage pumps, specially-crafted with oversized pump shafts and bearings for superior durability. Our surface-mounted pumping systems provide the benefits of a single-source supplier, ease of operation and operator-safe maintenance. The result is efficient performance, long service life and actual realised savings vs. submersible designs.

Sizing from 100 - 300 mm (4" - 12"), power from 7.5 - 224 kW (10 - 300 HP) and capacity up to 318 lps (5,000 GPM) per pump.



INLET WORKS

As a global leader in inlet works with more than 2,500 worldwide installations, Smith & Loveless hydraulic vortex grit removal systems deliver industry-best removal efficiencies along with additional design cost saving benefits. S&L Ltd. complements these systems with complete inlet works offerings including spiral fine screens, grit separation, grit washing and grit dewatering.

Capacity from 1,892 cmd - 378,500 cmd (0.5 MGD - 100 MGD), grit pump sizing from 100 - 150 mm (4" - 6")



TREATMENT

A full range of biological sewage treatment systems offer proven processes designed for meeting custom effluent requirements and minimal operational requirements. Processes include membrane bioreactors, fixed-film and extended aeration and come pre-engineered in factory-built, containerised, mobile and field-erected designs. Long-term, dependable process support from Smith & Loveless Engineering and Field Services groups deliver value-added support not available from other tank suppliers.

Capacity from 18.9 - 18,925 cmd (5,000 GPD - 5 MGD)



WATER FILTRATION

Affiliate Kalsep UK Ltd. provides a full line of total filtration equipment, including water filtration systems, membrane filtration systems, skid mounted systems, water treatment cartridges, bag filters, filter housings, tanks, cabinets and more. Filters are transported and manufactured directly on site and offer high filtration efficiencies and other substantial cost saving advantages.

Capacity from 6 lps - 19,000 cmd (100 GPM - 50 MGD)