

CRANE ENGINEERING

Process Equipment | Service & Repair | Installation | Skid Systems | Valve Automation & Design

PUMPS



Self-priming, submersible, and engine-driven pumps. Packaged water and wastewater pumping stations



Submersible Pumps (XFP Solids handling and Piranha Grinder Pumps) along with Mixers and Propeller Pumps



Centrifugal cutter pumps, hot oil pumps, and solids handling pumps. Sanitary food pumps, and submersible sewage pumps



Wastewater pumps, replacement parts/pumps: Fairbanks, Allis Chalmers and Aurora



End suction centrifugal pumps and vertical turbines



Grinder pumps, packaged grinder pump systems, and vertical multi-stage pumps



Progressive cavity pumps



Air operated diaphragm pumps



NCS sludge, end suction, horizontal split case, and vertical turbine pumps



Rotary lobe pumps



Centrifugal Pumps, Booster Pumps/Systems, Submersible Pumps and Sump Pumps

PROCESS EQUIPMENT



Headworks equipment: screening, washer compactor and grit systems



High Speed Turbo (HST) blowers and submersible mixers



Dissolved air flotation (DAF), Air dissolving tube (ADT) and sand filters



Vertical and Horizontal UV systems



Rectangular clarifiers chain, scrapers sprockets and wear strips



Water & Wastewater Process Equipment. Clarifiers, Digester Covers and Biological Process Equipment



Positive displacement blowers and packaged systems



Floating and submersible aerators, mixers and decanter systems



Reedbeds and Wetlands for Wastewater Sludge Treatment

VALVES



Swing-Flex Check, American Butterfly, and Cam-Centric Plug Valves



Pressure reducing, relief, sustaining and pump control valves (previously Bernad)



Thermoplastic valves and accessories



Pressure sensor rings, duckbill check valves and pinch valves



Knifegate valves, slide gates, weir gates and sluice gates

INSTRUMENTATION & CONTROLS



OptiFlow packaged pump systems from Crane Engineering, UL listed control, and SCADA systems

CHEMICAL FEED

FLOW/ROX

Digital dosing chemical metering pump



Chlorine gas disinfection, leak detectors, scales and dechlorinating equipment



Corrosion resistant drum, sealess magnetic drive and horizontal centrifugal pumps



Chemical feed skids, pump skids, instrumentation and controls



Diaphragm Chemical Feed Pumps

WATER TREATMENT



Sandflote and packaged treatment systems



Ion exchange water treatment and coagulation filtration



Self cleaning, bag, and tubular backwash filters. Stacked disc and filter cartridges, sideline vessels, and strainers

TANKS



Fiberglass tanks



Polyethylene tanks and containment vessels

SEALING SOLUTIONS



Mechanical seals, packing and couplings

SLUDGE HANDLING AND TREATMENT



Dissolved air flotation (DAF) thickeners and air dissolving tube (ADT)



Gravity belt thickeners belt presses and conveyors

SERVICES, INSTALLATION, & REPAIR

- Pump maintenance and repair
- Lift station upgrades
- Vertical turbine repair
- Valve and piping upgrades
- Clarifier rehab
- Screw pump rehab/upgrade
- Blower repair
- Field service
- Belt press rebuild
- Laser alignment
- Vibration analysis
- Flooring, coatings, tank linings