

WATER & WASTEWATER SOLUTIONS

PUMPING EQUIPMENT



Submersible pumps and mixers



Heavy duty rotary lobe pumps



Non-clog centrifugal pumps



Self-priming centrifugal, submersible, and engine driven pumps. Lift stations and packaged pump systems



Centrifugal, vertical turbine, split case, and submersible pumps



Inline vertical multistage and digital dosing pumps; packaged booster and chemical feed systems



Screw pumps



Progressive cavity pumps



Non-clog centrifugal, axial flow, horizontal split case, end suction centrifugal, vertical in-line, and vertical turbine pumps



Air-operated diaphragm pumps

WATER TREATMENT



Phosphorus, radium, arsenic, nitrate, ammonia, iron/manganese, barium, and uranium removal; odor control and softening equipment



Dissolved air flotation thickeners and clarifiers, combined DAF-gravity sand filters, the Air Dissolving Tube, and packaged treatment systems

CHEMICAL FEED



Digital dosing diaphragm pumps and accessories



Corrosion resistant drum, sealless magnetic drive, vertical, and horizontal centrifugal pumps



Polymer (dry & liquid) make-up systems and solids metering systems



Peristaltic hose pumps and flow meters

PROCESS EQUIPMENT



HST blowers, submersible and top mounted mixers



Rectangular chain and scraper clarifier equipment



Belt filter presses, gravity belt thickeners, centrifuges, rotating drum thickeners, and sand filters



Sequencing Batch Reactors (SBRs), jet aeration and mixing equipment



Positive displacement blowers and packaged systems



Hydraulic, cast iron, and fabricated steel clarifier drive units; clarifiers, thickeners, fermenters, rotary distributors, trickling filters, and tertiary filter equipment



Dissolved air flotation thickeners and clarifiers, combined DAF-gravity sand filters, the Air Dissolving Tube, and packaged treatment systems



Oxidation ditch aeration equipment, clarifiers, and packaged plants

HEADWORKS



Perforated plate and cylindrical auger screens; drum and disc filters



Grit separation systems



Step, cylindrical auger, and static screens; vortex grit removal, grit classifiers/washers, and grease removal



In-channel fine screens, cylindrical screw screens, and rotating drum screens. CSO and intake rake screens. Vortex grit removal, classifiers, and grit washing equipment



In-line and In-channel grinders

FILTERS



Basket strainers, bag filters, cartridge filters, backwash and mechanical self-cleaning filters and strainers



Disc and membrane filters and strainers



Automatic, self-cleaning water filters and strainers

VALVES & ACTUATORS



Pressure reducing, flow control, and surge anticipating valves

CRANE

Butterfly, gate, globe, ball, and check valves. Bronze, iron, steel, and stainless steel construction



Butterfly, check, control, and gate valves; back flow preventers



CCNE check, plug, and AWWA butterfly valves



Knife gate, slide gate, sluice gate, and check valves



Electric, pneumatic, and hydraulic valve actuation for linear, multi-turn or quarter turn. Service open/close or modulating



Air release and vacuum break valves for water and sewage



Stainless steel, ductile iron, gear, high-cycle, spring-return, double & fast acting actuators

INSTRUMENTATION



Magnetic flowmeters, pressure transmitters, and analytical equipment



Clamp-on Doppler and Transient flowmeters



Pressure transducers and transmitters. Specializing in submersible transducers for measuring wet well levels



Ultrasonic level measuring equipment



Wireless web-to-cellular telemetry systems



Packaged pump systems, UL listed controls, and SCADA systems

SLUDGE HANDLING & TREATMENT



Belt filter presses and sludge drying equipment



Custom conveyor systems



Dissolved air flotation thickeners and clarifiers, combined DAF-gravity sand filters, the Air Dissolving Tube, and packaged treatment systems



Digester external and internal draft tube mixing equipment. Shell-and-tube fixed, floating and gas-holder digester covers; heat exchangers and boilers



Sludge thickening and dewatering equipment



Gravity thickeners and dissolved air flotation

COATINGS, TANKS, & DOMES



High performance co-lining systems



Fiberglass tanks



Polyethylene tanks and containment vessels



Aluminum domes and covers

SEALING SOLUTIONS



Mechanical seals, bearing isolators, packing, gasketing, and environmental controls



Air purge seals

SERVICE - INSTALLATION, REPAIR, & REHABILITATION



- Aerators
- Clarifiers
- Drives
- Pumps
- Gear Boxes
- Belt Presses
- Grinders
- RBC's
- Instrumentation
- Trickling Filters
- Screens & Filters
- Grit Systems
- Blowers
- DAF's
- Lift Stations
- Valves & Actuators



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