

Providing exceptional engineered solutions and services since 1940

Water

Wastewater

Fluid

Steam

MUNICIPAL/ENVIRONMENTAL DIVISION



Custom shop fabrication services including pre-fabricated booster pump systems, lift stations, sludge heating systems, heat transfer & filtration packages, start-up and repair.

CENTRIFUGAL PUMPS



ANSI, centrifugal, regenerative turbine, boiler feed, end-suction, condensate, horizontal split case, sewage, sump, fire pumps and systems.



Custom pumps in stainless steel and exotic metals.



Clear liquid, solids handling, submersible, vortex and Redi-Prime® pumps.



Seal-less magnetically-driven chemical pumps.



Vertical turbine, submersible vertical turbine in cast iron and alternate metallurgies.

POSITIVE DISPLACEMENT PUMPS



S-Series (sludge/slurry and general use) pumps, C-Series (chemical/and corrosive resistant) pumps, and D-Series (duplex pumps and abrasive applications).



Progressive cavity and screw pumps.



Chemical feed pumps, packages, abaque peristaltic pumps, polymer mixing stations.

HEAT TRANSFER



Superchanger® plate & frame heat exchangers, spiral & welded shell & plate.

Corporate Office

P.O. Box 689 | 1301 Industrial Dr.
Matthews, NC 28106
P: 704.847.2100 | F: 704.847.2349

Raleigh Office

5711 Six Forks Road, Suite 106
Raleigh, NC 27609
P: 704.847.2100 | F: 919.844.2030

Greenville Office

P.O. Box 758 | 510 Palmetto Dr.
Simpsonville, SC 29681
P: 864.967.3420 | F: 864.963.4784

PROCESS & WASTE TREATMENT



Bar Screens: *multi-rake, claw/rack & pinion, catenary, deep rake, traveling water*, fine screens, rectangular clarifiers, conveyors, grit collectors & classifiers, bucket elevators, sludge collectors, live bottom bins, screw compactors, screw presses.



Packaged treatment plants, effluent pumping systems, drip irrigation.



Deskins patented quick-dry dewatering process—RapidFloc Mixer.



Wastewater Screening: internally fed screens, in-channel conveyor screens/washers, sludge thickeners, screw presses & conveyors, static screens, de-gritters, septage receiver stations.



Primary Treatment Systems NFS: filter systems, Gravisep (gravity separators), NCF-coagulation & flocculation, Optiflot flotation systems. *Secondary Treatment Systems:* Bioctor (aerobic biological treatment systems), Anocor (anaerobic biological treatment systems). *Tertiary Treatment Solutions:* sand filters, media filters, active carbon filters,



Technologies for treatment of wastewater, CSO/SSO including hybrid BNR, volute dehydrator for sludge dewatering, SAF submerged fixed film bio reactor, raked bar screens.



EPA approved Ultraviolet Disinfection and Chemical Reduction Systems for Municipal, On-Site Wastewater, Private Development, and Community applications.

COMPLEMENTARY



Custom pump control systems, “DigiGage” panels, SCADA systems.



Low voltage drives, medium voltage drives MCC's & custom controls.



Air release valves.



Control Valves: differentiating, pressure regulating, relief, back pressure and altitude.



Fusion-bonded epoxy coated bolted steel, field welded, shop welded and elevated liquid storage tanks for potable water, wastewater, fire protection and industrial liquids.



Engineered to withstand the most challenging of storage situations. Can replace Steel, Stainless Steel, Fiberglass & Roto-Molded plastic tanks. Made of either HIGH DENSITY LINEAR POLYETHYLENE (applications up to 120°F) or POLYPROPYLENE (high-temperature applications 180°F- 200°F), in thicknesses from 1/2" to 6".