

# PULP & PAPER SOLUTIONS

*Fluid Process Equipment | Service & Repair | Installation | Skid Systems | Valve Automation*

## PUMPS

 **GOULDS PUMPS**

 **A-C Pump**

Horizontal and vertical process pumps

 **VIKING PUMP**

 **GORMAN-RUPP PUMPS**

Positive displacement gear pumps

 **GOULDS WATER TECHNOLOGY**  
a xylem brand

Self-priming centrifugal pumps

 **NETZSCH**

Progressive cavity and rotary lobe pumps

 **GRUNDFOS**

Multistage centrifugal and positive displacement metering pumps

 **SANDPIPER**

Sandpiper air operated double diaphragm pumps

 **PULSAFEEDER**

 **Eclipse**

Metallic and non-metallic sealless mag drive gear pumps

 **EASTERN**

Single & multi-stage centrifugal pumps

 **ECO Gearchem**

Alloy gear pumps

 **Isochem**

Magnetically driven positive displacement, centrifugal, and turbine pumps

 **BRAN+LUEBBE**  
AN SPX BRAND

Precision metering pumps

 **ROTO-JET PUMP**

High pressure, single-stage pumps

 **WEHR**

Centrifugal vortex pumps

 **FAT PUMPS**

High pressure reciprocating pumps

 **MASTERFLEX**

Peristaltic metering pumps

 **RamParts Pumps**

Air operated single acting diaphragm pumps

 **GRACO**

Husky® air-operated diaphragm pumps

 **Waukesha Cherry-Burrell**  
AN SPX BRAND

Rotary lobe pumps

 **abs**

Submersible pumps and mixers

 **WEMCO**

Screw centrifugal, Vortex, and Torque-flow submersible pumps

 **Bornemann**

Patented twin screw pumps with external bearings that deliver cutting edge technology

 **Vulcan**

Heavy duty submersible slurry pumps built to handle the toughest applications

 **Helwig**

Heavy duty rotary lobe pumps

 **LMI MILTON ROY**

Metering pumps and systems

 **ProCast**

Chemical injection, precision dosing and diaphragm pumps

 **ProCast**

Replacement parts for industrial pumps and rotating equipment

 **Peristaltic**

Peristaltic (hose) process pumps

 **SETHCO**  
Thermoplastic Pumps

Corrosion resistant drum and magnetic drive pumps, filtration systems

## MECHANICAL SEALS

 **john crane**  
a universal company

Mechanical seals, packing, seal support systems

 **CinchSeal**

Air purge seals for horizontal mixers, blenders, and screw conveyors

## COUPLINGS

 **john crane**  
a universal company

Rotating equipment couplings

## HEAT EXCHANGERS

 **TRANTER**  
The heat transfer people

Plate, shell & plate, and prime surface heat exchangers

 **CRANE ENGINEERING**

Call 800-776-4425 or go to [www.craneengineering.net](http://www.craneengineering.net)

## VALVES



Carbon, stainless steel and alloy ball valves for manual, automated and control applications, segmented ball valves



2 & 3 piece, full, reduced & multi-port design, flanged, threaded, socket weld for manual, automated and control applications



High temperature, high pressure, digester blow valves, metal seated trunnion mount, phantom port, double block and bleed



Iron, carbon and stainless steel resilient-seated, double-offset and triple-offset high performance butterfly valves



Triple offset butterfly valves for extreme low and high temperature applications



Carbon and stainless steel high performance butterfly valves, iron body resilient and PTFE seated butterfly valves



Bronze, cast iron and steel, stainless steel gate, globe and check valves



Non-slam, spring assisted stem guided check valves up to Class 2500



Globe style control and isolation valves for liquid and gas in severe service applications to class 4500



Knife gate valves for pulp and paper, mining, chemical, power, petroleum refining and wastewater applications



Steam specialties; traps, strainers, separators, flash recovery, pressure and temperature control valves, steam motive pumps

## MIXERS



Submersible mixers



Top and side entry mixers

## FILTERS



Strainers and filters, manual and self-cleaning, metallic and non-metallic media, gas/liquid separators



Bag, cartridge and carbon filters

## FLOOR COATINGS, TANKS, & LININGS



FRP roofing and siding panels; tank covers



Epoxy and vinylester coatings; high performance tank linings



Flooring, linings, and pourable grouts



Custom fiberglass tanks and salt brine systems



Polyethylene tanks and containment vessels



Pultruded and molded fiberglass panels, platforms and grating

## WATER/WASTEWATER



Submersible pumps and mixers



Phosphorus, radium, arsenic, nitrate, ammonia, iron/manganese, barium, and uranium removal; odor control and softening equipment  
Positive displacement blowers and packaged systems



Dissolved air flotation thickeners and clarifiers, combined DAF-gravity sand filters, the Air Dissolving Tube, and packaged treatment systems  
Polymer (dry & liquid) make-up systems and solids metering systems  
Aluminum dome covers



AWWA butterfly, plug and check valves, swing check, Swing-Flex, Surgebuster, air release and vacuum valves, QuadroSphere Ball, Ener\*G resilient seated ball, automation packages

### Services, Installation, & Repair

- Pump, valve, and gearbox repair
- In-field troubleshooting, installation, and start-up assistance
- Custom skid systems
- Laser alignment
- Vibration analysis
- Floor coatings, tank linings, and corrosion resistant products