

# FOOD AND BEVERAGE SOLUTIONS

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

## PUMPS



Sanitary centrifugal, circumferential piston, rotary lobe and twin screw pumps



Homogenizers, sanitary centrifugal, rotary lobe pumps



Sanitary air operated diaphragm pumps, drum and tote unloading pump systems



Sanitary progressive cavity pumps



Flexible impeller pumps



High pressure central cleaning sanitation pumps



Fruit and vegetable transfer pumps, hot oil pumps



Sanitary drum pumps



Sanitary precision metering pumps



Multi-stage, general service and submersible centrifugal pumps



In-line vertical multistage and digital dosing pumps



Horizontal and vertical process pumps



Positive displacement gear pump



Air operated double diaphragm pumps

## REPAIR PARTS



## IMPROVE PERFORMANCE WITH TOP TIER LINES, AND UNRIVALLED ENGINEERING KNOW-HOW.



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

## VALVES



Single seat valves, double seated mix proof and PMO valves with automation and control, over pressure and hygienic butterfly valves



Ball and butterfly valves; fittings for sanitary and pharmaceutical applications



Single seat valves, butterfly and check valves, valve repair components



Full line of sanitary ball, butterfly and check valves, relief and vacuum valves and other sanitary specialties



Sanitary diaphragm and plug valves, sampling valves and 3A pressure gauges



Industrial process ball valves up to ANSI Class 1500, full and standard port with multi-port configurations, V-ball for control applications



ANSI Class High performance and resilient seated butterfly valves for a wide range of applications, manual or automated



Globe valves ideal for steam and water flow control, Hi-flow globe control, self-op temperature control and angle seat valves



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

## ACTUATORS/AUTOMATION



Pneumatic rack & pinion, scotch yoke and electric actuators and accessories for valve automation and control



Electric, on/off, modulating, quarter turn, and linear actuators



Temperature sensors and assemblies including thermocouples, RTDs, PT100s, thermowells and accessories

## FILTERS



SANI-MATIC

Manual clean sanitary filters and strainers



Mechanical self cleaning filters, manual clean strainers and bag filters



High capacity self-cleaning water filters

## SANITATION



SANI-MATIC

CIP (Clean In Place) automated systems, COP (Clean Out of Place) or manual cleaning systems, tunnel washers, cabinet washers



## MIXERS



Shear blenders, solids/liquid blending systems



Top and side entry mixers

## HEAT EXCHANGERS



Sanitary plate & frame heat exchangers



Plate, shell & plate, and prime surface heat exchangers

## MECHANICAL SEALS



Mechanical seals, packing and seal support systems



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

## COUPLINGS



Rotating equipment couplings

## SERVICES

Equipment repair  
Field service  
Vibration analysis  
Laser alignment

Flooring, coatings, tank liners  
Wastewater treatment  
Packaged systems  
On-site valve repair