



*We Make It Work Better.*



## Wine, Beer and Spirits Products and Services

*Providing sanitary processing equipment and customized services*

*Since 1885*

[www.mgnewell.com](http://www.mgnewell.com)

[www.newellautomation.com](http://www.newellautomation.com)



M.G. Newell is a full-service provider of sanitary equipment for the food, beverage, dairy, pharmaceutical and personal care industries. We carry a broad range of pumps, valves, fittings and other sanitary processing supplies. In addition, we also work with customers to design and fabricate cost-effective, customized systems to fit their space requirements.

Our customers represent the world's largest manufacturers of food, beverages, pharmaceuticals and personal care products. To help them meet consumer expectations, we strive to support their goals of sanitary processing from start to finish.

Our engineers build sanitary design into every system, from pump carts to valve clusters to batching systems to new greenfield installations. Our field technicians conduct instrument repair, preventive maintenance, calibration of existing equipment and assist in the start-up of new, on-site installations.

Our Newell Automation controls team will identify the appropriate instrument and control functionality for your process. With automation hardware, software controls, control panel design and fabrication, we provide turnkey solutions for CIP, batching, blending and other processes.

#### **Greensboro Division/Corporate**

336-393-0100

#### **Louisville Division**

502-459-7475

#### **Nashville Division**

615-822-3030

*[sales@mgnewell.com](mailto:sales@mgnewell.com)*

*We Make It Work Better.*



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## *We Make It Work Better.*

*It's not just a tag line; it's a commitment we make to provide unparalleled service and quality parts through every phase of our relationship with you.*



The company was founded by Myron G. Newell, who came to Greensboro from Elmira, New York and opened a store in 1885 selling everything from hand churns to buggies. The company was first incorporated in May 1908. In 1913, it added farm machinery to its product line. At the suggestion of Newell's son, Burton M. Newell, Sr., the company began specializing in the dairy business in the early 1920's.

Over the years, the company has expanded into the food, beverage, pharmaceutical, and personal care industries, having evolved from being a full-line distributor to a full-service systems integration company.

Currently, M.G. Newell has three locations: Greensboro, NC, Louisville, KY and Nashville, TN. With the addition of the Louisville and Nashville division, the original M.G. Newell now functions as the corporate headquarter and houses the Greensboro division.

***Providing sanitary processing solutions since 1885***



Clamps	O-rings
Ferrules	Elbows
Gaskets	Reducers
Strainers	Sight Glasses



1/2"-6" sizes

Tri-clamp or bevel seat

All stainless—304 or 316L

DIN connections available

Cam-locking style clamps

Precision limit torque adjust clamps

Three-piece reusable clamp connections

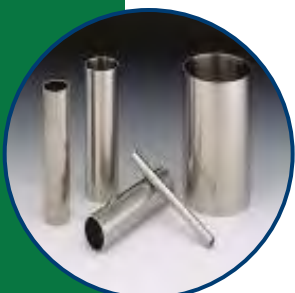
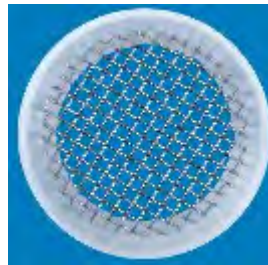
Metal-detectable gaskets

Buna N, EPDM, Silicone, FKM/  
Viton®, PTFE/Teflon®

Screen gaskets

Seal kits

Quick-Connect Tri-clamps



*The clamped union is the critical element for evaluating pipeline pressure capacity. Be certain your pressure ratings are for the union—not just the clamp.*



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## Hoses

Wash Down Stations

Hose support/fitting bumper

Sight glass/flow indicator



*Three-piece hose assemblies are reusable and offer a complete sanitary coupling!*



1"-4" diameter, any length

Reducers

Laser etching for permanent traceability and identification

Rubber, silicone, PVC or fluoropolymer lined

Molded, jacketed and/or grounded hoses available

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HOSES

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Butterfly valves	Shut Off and Divert valves
Ball valves	Check valves
Mix-Proof valves	



ASTM 316 or 304 stainless steel construction

Sanitary tri-clamp ends

Easy to install and maintain

Materials comply with FDA, USDA and 3A requirements

Mix-Proof valves for continuous processing

Sizes up to 4"

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*Mix-proof valves allow flow of two different media through the same valve simultaneously without the potential for mixing.*



**Manual actuators**

**Pneumatic actuation**

**Valve communication platforms—**

**FieldBus, HART, AS-Interface**

**Networking/wireless link options  
available**



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PD pumps

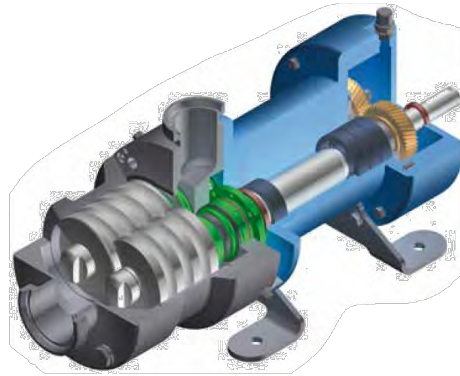
Centrifugal pumps

Twin-Screw pumps

Diaphragm pumps

Progressive cavity pumps

Drum/Tote unloaders



ASTM 316 stainless steel construction

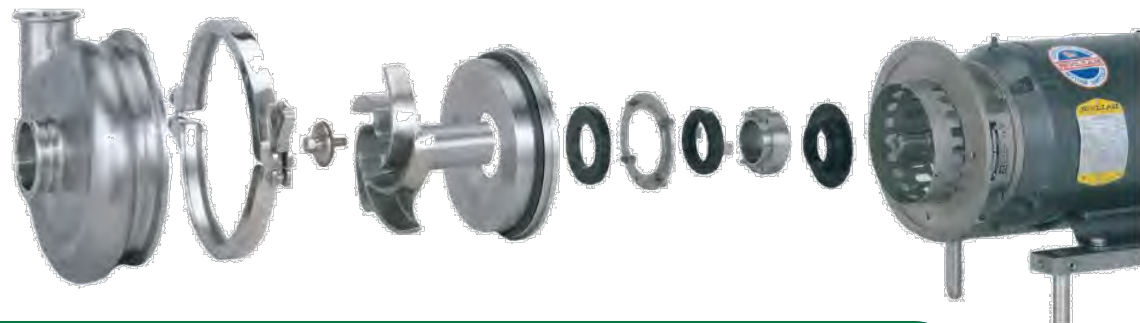
PD pumps for must and/or yeast

Centrifugal pumps for multi-duty

SPX Flow Certified Pump Repair Center

Seal kits and maintenance programs

Pump rebuild and remanufacture



*Waukesha pumps are constructed with larger diameter shafts for greater strength and stiffness; extended life outer seals and heavy duty bearing frames.*





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*Pump carts provide flexibility and cost savings. They are designed with bead-blasted stainless steel base and frame and locking caster wheels for durability.*



Pump carts with optional VFD control  
or remote mount pendants

Stainless steel frame

Pump lift stations

Stainless motors



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Conditioning

Storage silos

Fermenters

Balance tanks

CIP/COP tanks



Single-wall or jacketed designs

Fully customizable

Standard bottom configurations—conical, dish, flat-sloped

Standard top configurations—open, dome or bridge & cover

Various agitation options available

*Tanks can be configured to meet ASME BPE design and construction.*







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*Flat-bed scales are easy and safe for workers and have very low space requirements due to their low-profile design (no pits required).*



Hygienically designed EHEDG certification

Easy to clean

Low maintenance cost

Scales—inline, floor, bench

Load cells

Check weighers

Metal detection



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SCALES

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Flow	Pressure
Level	Conductivity
Temperature	Turbidity



All stainless steel, rugged construction

Compliant with FDA, PMO and USDA

Installation of metered system

Chart recording

Batch controllers



*Calibration services are available at your location  
or in our Greensboro and Louisville offices.*







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*Filter housings are ASME Code certified. High purity housings excel in critical and demanding applications requiring high purity, maximum durability, ease-of-use and exceptional value .*

Pleated and membrane filter cartridges

Available in a wide range of configurations and micron sizes

Membrane filters available in PES, PS, PTFE, or nylon

Pleated filters available with glass or PP fiber media



FILTRATION

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Lenticular filters

SS Filter Housings



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Plate and frame HEX

Replacement plates



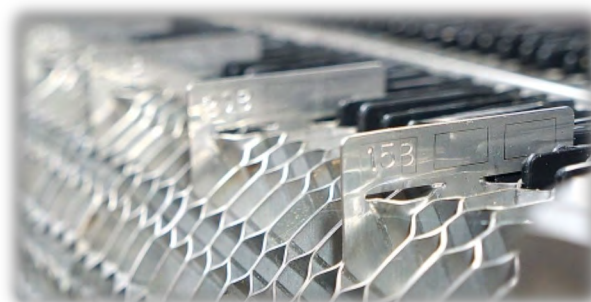
Heavy-duty stainless steel designs

Sanitary—3A and FDA compliant

Efficient and flexible configurations

Available as skidded systems

Full service maintenance and repair



*By controlling the thermal processing properties, producers can improve product viscosity, color, texture, and sensory features such as taste, smell and mouth feel.*



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Steam traps

Skidded utility sets

In-line steam injection

SS In-line water heaters

Custom fabricated heat utility systems

Precise temperature control

Energy efficient



*A steam trap is an automatic valve designed to stop the flow of steam so that heat energy can be transferred, and the condensate and air can be discharged as required.*



## CIP/COP skidded systems

Tank cleaning

Spray balls

Strainers

COP baskets, totes, trays

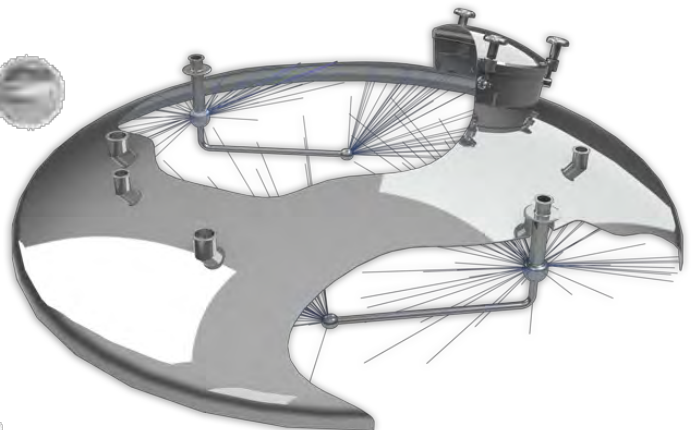
Supply tubes



## Cabinet and tunnel washers

Custom designed racks for buckets, totes, trays and more

Custom spray ball patterns available



*To achieve a sanitary clean, the basic cleaning principles of TACT—Time, Action, Chemical and Temperature—must be understood.*



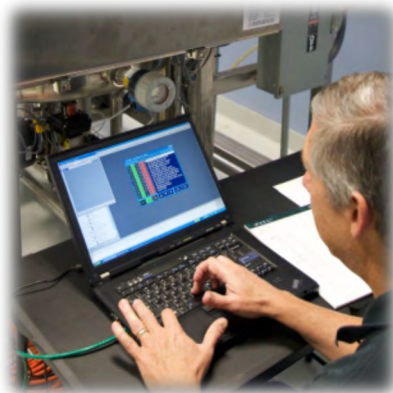


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*If there are several different products running through a process, the goal is to optimize the cycles down to the minimum time required to clean the equipment following each product that runs through the process.*



Single or multi-tank systems  
Single use or water/detergent reuse  
CIP/COP combination systems



Effective and economical cleaning for any size and shape tank  
Programming and controls for automated cleaning



Liquid gassing and degassing systems

CO<sub>2</sub> and O<sub>2</sub> measurement

Optional bumper guard

Trial units available



*Different membrane sizes allow for a wide range of flows, from as little as 5 gpm to over 1000 gpm.*



Portable or inline systems

Measures headspace or liquid content

Fully CIP-able with standard cleaning process

Fast, high accuracy and measurement stability

Suitable for water, soda, beer or other beverages





**Calibration services for:**

Pressure

Conductivity

Level

Temperature

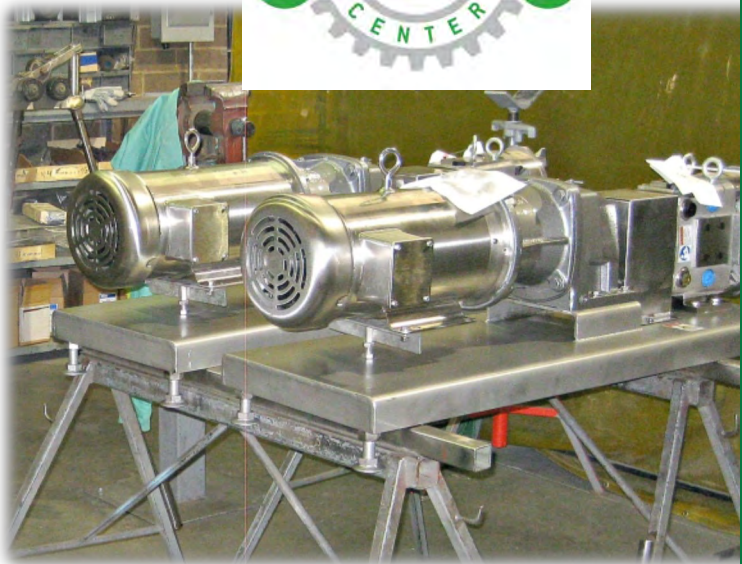
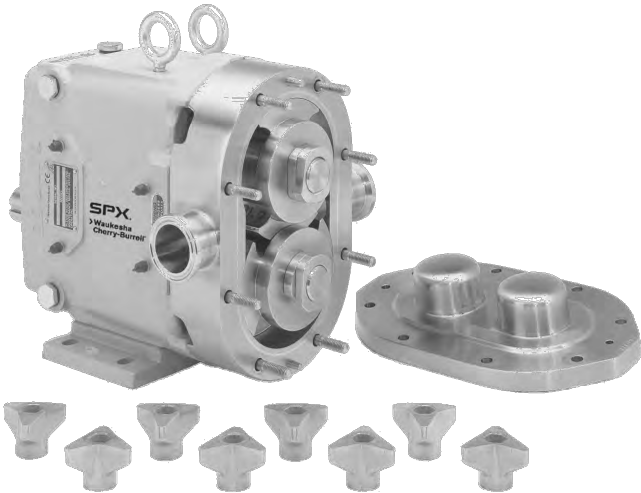
pH

Chart recorders

Flow including magnetic, turbine, mass and PD



*As a Certified Repair Center, M.G. Newell has qualified factory service technicians on staff with over 30 years of experience.*



**Pump maintenance**

**Valve maintenance**

**SPX Flow Certified Repair Center**



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Valve clusters	Inline blending
Utility sets	Filtration
Holding tubes	CIP/COP
Batching	Temp control
Pump cart	Heat exchangers

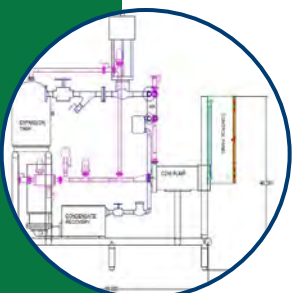


**Greenfield and upgraded  
installations**

**Custom engineered designs**

**Skid-mounted systems**

*Our engineers build safety and sanitary design into every system—  
all while meeting your budget!*







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*Skidded systems offer faster time to market, higher quality fabrication and provide flexible, efficient use of space.*



TIG Welding

Welder (WPQ) Documentation Available

Confined space certified for in-tank welding

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DESIGN, FABRICATION, INSTALLATION

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Hardware and software specification  
Program development  
Piping and Instrumentation drawings  
Documentation  
Support and training



PLC Design and Programming  
HMI Design and Programming  
Control Panel Design and  
Fabrication  
Audits and Retrofits

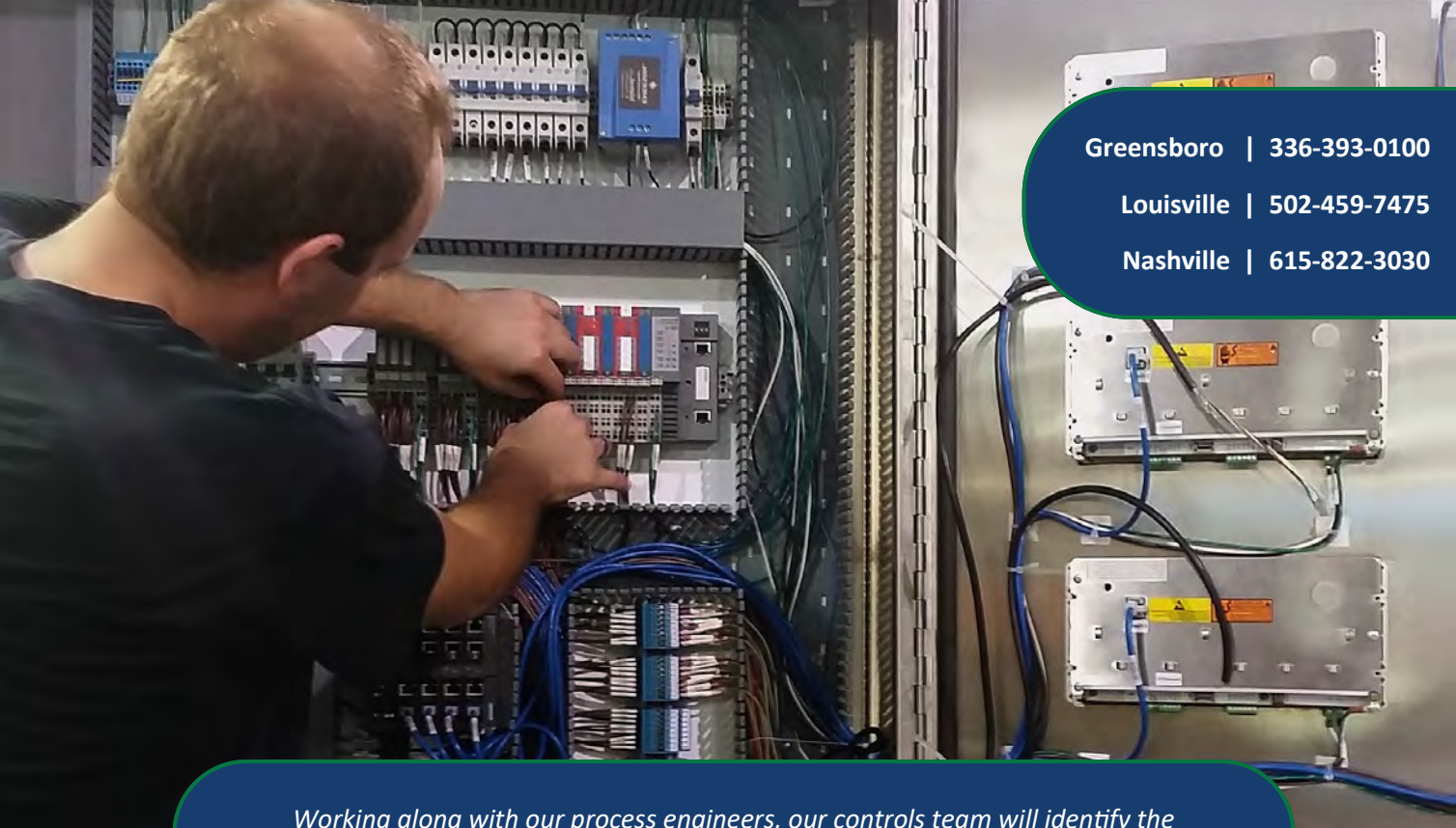


*Automating flawed or inefficient processes is similar to 'garbage in, garbage out'*

- Engineer's Proverb







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*Working along with our process engineers, our controls team will identify the appropriate instrumentation and control functionality for your process.*



UL-508A Certified Panel Shop

Panels meet NFPA, NEC and UL-508 regulations

NEMA 4x and explosion proof panels optional

Factory and Site Acceptance testing

SCADA systems

Rockwell Automation Recognized System Integrator



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NEWELL AUTOMATION

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