

**ASCO**  
**NUMATICS™**



## **Fluid Automation Solutions** for Beverage Bottling and Packaging

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

  
**EMERSON™**  
Industrial Automation



Select from the industry's widest array of fluid control and fluid power solutions for beverage bottling and packaging. No other supplier matches the innovation, range, value, reliability, and availability delivered by ASCO Numatics

## Presenting ASCO Numatics solutions

### The best choice for bottling and packaging

ASCO fluid control and Numatics fluid power products have been favorites in beverage plants since the 1950s. Today, ASCO Numatics provides superior fluid automation solutions for engineers and purchasers at both original equipment manufacturers (OEMs) and at leading bottlers and packagers worldwide.

Examples: Our renowned RedHat® solenoid valves supply rock-solid reliability. Our new 0.55 W pilot valves furnish a great fit for network systems with power limitations. And our groundbreaking new G3 fieldbus platform provides revolutionary flexibility and ease of use.

These and other ASCO Numatics products offer OEMs great value and accurate performance, while providing end users with more uptime and lower total cost of ownership.

### The widest range of applications

There's an ASCO Numatics product that's ideal for almost any piece of beverage packaging or bottling equipment. From one end of the line to the other, we provide a more comprehensive solution set than anyone else in the industry. So you reduce time, trouble, and total expense on all your fluid automation purchases.

Specify our solutions for all parts of the process:

- Injection molding of plastic bottle preforms
- Blow molding, rinsing, filling, and capping
- Labeling and printing
- Packaging and cartoning
- Shrink wrapping
- Case packing and case erecting
- Palletizing

Choose products that supply the precise advantages required for your specialized equipment. We can offer unmatched life cycles for high-speed labelers, or stainless steel builds for heavy-duty palletizers, or the highest flow rates for faster bottling fills, reduced cycle times, and greater throughput.

### The finest fieldbus solution

The amazing new Numatics G3 is a distributable I/O electronics platform that's flexible and completely modular, with full fieldbus functionality. It's taking the bottling/packaging world by storm. One reason: G3 replaces the usual dim LEDs and clumsy DIP switches with a plain-language graphic display, plus intuitive pushbutton software.

It also includes every relevant protocol, including DeviceNet™, DeviceLogix™, EtherNet/IP™, PROFIBUS®-DP, PROFINET®, InterBus-S™, ControlNet™, and AS-Interface®.

With G3, OEMs significantly cut costs and labor via less wiring plus easier setup and commissioning. Bottlers and packagers substantially improve uptime, ease of maintenance, and long-running reliability.

### Other ASCO Numatics advantages

**Ensured reliability.** From design to materials and build quality to manufacturing, we emphasize rock-solid reliability. Forget the flimsy construction and coil burnouts you may see from other sources. Robust ASCO Numatics solutions do the job right, and keep doing it practically forever.

**Speed and availability.** Many of our most popular products are available via ASCO Today and Numatics Express — often with guaranteed 1-day shipment. Our support team also sets speed records, with callbacks within 4 hours and onsite technical response within 24 hours. Add convenient local stocking and we make sure you receive what you need, right when you need it. Get it all with a single call.

**Lower cost of ownership.** Our products offer easier installation, longer lifetimes, and less need for maintenance than other fluid automation lines. As the industry's most comprehensive solution set, they also offer cost-efficient one-stop shopping. Result: savings for OEM and end user alike.

**Acknowledged expertise.** With decades of experience in beverage plant solutions, ASCO Numatics knows your business and understands your needs. Let our dedicated experts apply the most advanced fluid automation technology to your most challenging tasks.





### Numatics Motion Control SH

Our linear guided cylinder is designed to handle your toughest packaging applications. Available in 8 bore sizes and standard strokes to 18 inch, it features precision-machined locator holes in the body as well as the tooling plate. Shocks, air cushions, and stop collars are all standard options. Three different bearing options allow you to apply this guided cylinder anywhere from the highest-speed reject sorting tasks to the most demanding caustic washdowns.



### Numatics Valve Manifolds

Many of today's pneumatic technology standards were industry firsts from Numatics. The innovations continue with our high-flow, embedded fieldbus and I/O valve manifold products. Most valves are CE-rated and many have an IP65 washdown rating. Use Numatics Valve Manifolds to control your pneumatic actuators across all bottling and packaging processes, such as bottle forming, bottling, capping, and packaging.

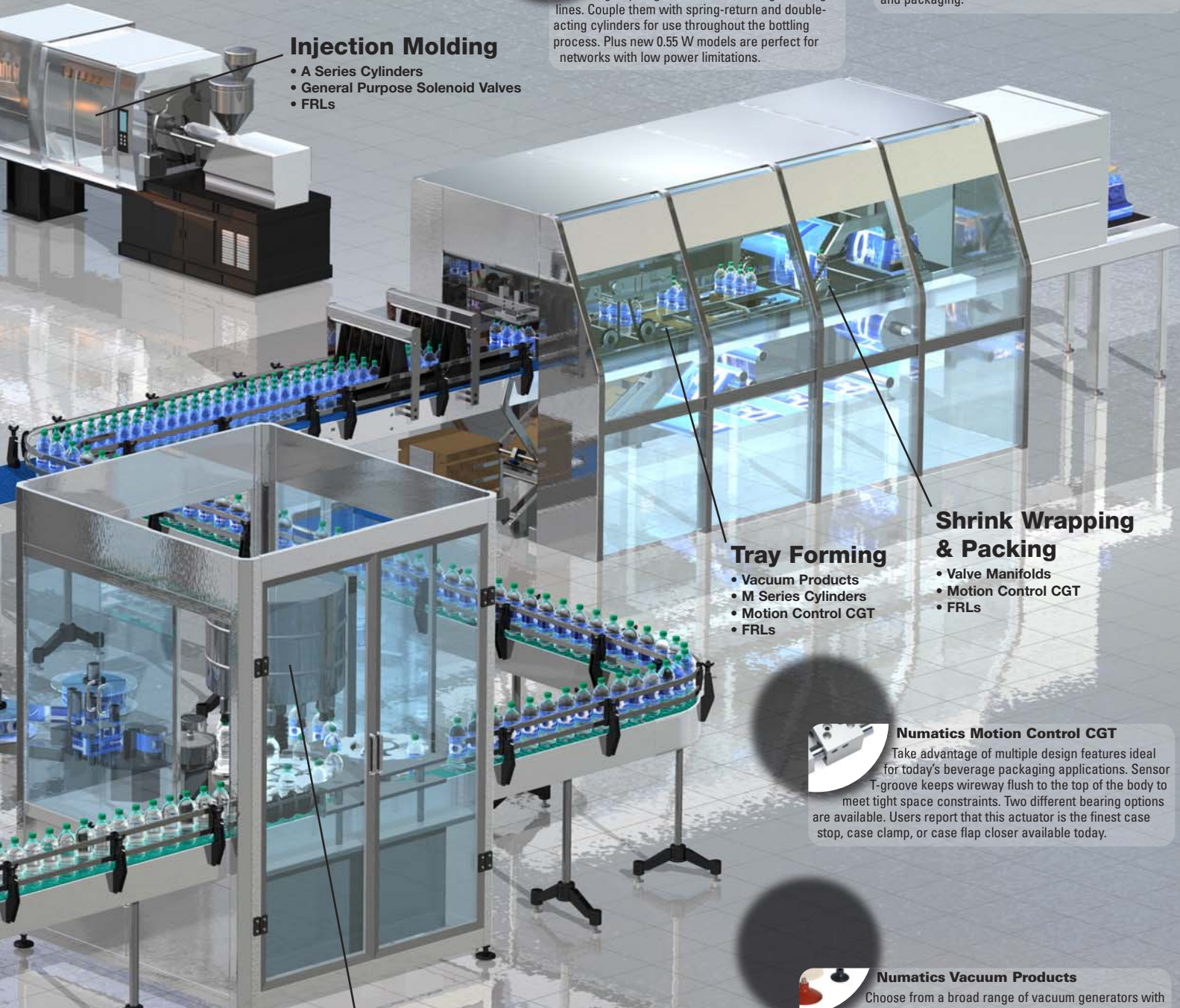


### ASCO Solenoid Pilot Valves

Our robust pilots are designed to meet the high cycling demands of beverage bottling lines. Couple them with spring-return and double-acting cylinders for use throughout the bottling process. Plus new 0.55 W models are perfect for networks with low power limitations.

## Injection Molding

- A Series Cylinders
- General Purpose Solenoid Valves
- FRLs



## Tray Forming

- Vacuum Products
- M Series Cylinders
- Motion Control CGT
- FRLs

## Shrink Wrapping & Packing

- Valve Manifolds
- Motion Control CGT
- FRLs

## Labeling

- Valve Manifolds
- Vacuum Products
- FRLs



### Numatics Motion Control CGT

Take advantage of multiple design features ideal for today's beverage packaging applications. Sensor T-groove keeps wireway flush to the top of the body to meet tight space constraints. Two different bearing options are available. Users report that this actuator is the finest case stop, case clamp, or case flap closer available today.



### Numatics Vacuum Products

Choose from a broad range of vacuum generators with the industry's lowest air consumption. Other selections include arrays of suction cups, vacuum switches, and peripheral devices that supply superior performance for material handling on slip-sheet palletizers, high-speed labelers, and more.



### Numatics FRLs

Our filters, regulators, and lubricators lead the industry in ease of assembly. While many competitors rely on special mounting brackets, these Numatics components connect using only a single O-ring and two screws. No need for end plates; all bodies are tapped also for stand-alone use. Result: the most versatile FRLs on the market today. Standardize on Numatics FRLs for all of your bottling and packaging applications including bottling machines, labelers, and packaging equipment.



### Numatics Fittings & Accessories

Our wide selection of push-to-connect fittings provides instant connection and seal plus extreme versatility in use, while maintaining optimum flow. Accessories include NPTF/inch tube fittings, metric fittings, metering valves, check valves, inline and right-angle flow controls, and assorted brass fittings. Apply them to virtually any equipment in your beverage bottling and packaging operation.



### Numatics M Series Cylinders

These feature a standard stainless steel rod with rolled threads on both ends, helping eliminate the breakage common on standard machine rod threads. We can adapt these cylinders to fit even your most compact machine area. Standard 304 stainless steel body and optional Delrin® end caps can handle your most corrosive applications. Numatics M Series are a perfect fit throughout your bottling and packaging lines.



### ASCO General Purpose Solenoid Valves

ASCO Numatics offers the widest range of solenoid valves on the market. Our proven, dependable models are ideal for air or liquid flows. High flow rates provide your customers with more cycles and greater throughput in applications from forming to palletizing.

## Blow Molding

- Valve Manifolds
- M Series Cylinders
- FRLs

## Filling

- Valve Manifolds
- M Series Cylinders
- FRLs

## Rinsing

- Valve Manifolds
- Angle-Body Piston Valves
- M Series Cylinders
- FRLs

## Capping

- Vacuum Products
- Valve Manifolds
- FRLs



### ASCO Angle-Body Piston Valves

These rugged models are designed for water and high-pressure steam applications with pipe sizes 2 1/2 in. or smaller, and up to 150 psi. They accommodate rapid cycling, eliminate water hammer, and create tight shutoff in both directions. They're ideal for your bottle rinsing equipment.



### Numatics A Series Cylinders

Upgrade your packaging machine with the best NFPA cylinders on the market today. Their extended rod bearings resist size load, while quick turnaround from the factory ensures your uptime. For more demanding washdown conditions, tubes are available in 304 stainless steel and in composite material.

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## The assurance of leadership

ASCO Numatics, a division of Emerson, offers comprehensive fluid automation solutions, including flow control and pneumatics products, for a wide range of industry-focused applications. The ASCO Numatics line comprises more than 50,000 valves, an extensive selection of air preparation equipment, and a comprehensive line of motion control products. The company is the world's leading manufacturer of solenoid valves.

Emerson (NYSE: EMR), based in St. Louis, Missouri, U.S.A., is a global leader in bringing technology and engineering together to create innovative solutions for customers through its network power, process management, industrial automation, climate technologies, and appliance and tools businesses. Sales in fiscal 2009 were \$20.9 billion.

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**There are good reasons why our brand reputation is second to none.  
For the most reliable automation in the beverage bottling  
and packaging world, call ASCO Numatics today!**

## Global Contacts

www.asconumatics.com

### ASCO

<u>Location</u>	<u>Phone</u>
World Headquarters (U.S.A.)	(1) 800-972-ASCO (2726)
Brazil	(55) 11-4208-1700
Canada	(1) 519-758-2700
Mexico	(52) 55-5809-5640

E-mail: [info-valve@asco.com](mailto:info-valve@asco.com)

### NUMATICS

<u>Location</u>	<u>Phone</u>
World Headquarters (U.S.A.)	(1) 888-Numatics (686-2842)
Brazil	(55) 11-4208-1700
Canada	(1) 519-758-2700
Mexico	(52) 55-5809-5640

E-mail: [InsideSales@numatics.com](mailto:InsideSales@numatics.com)



### Other Worldwide Locations

<u>Location</u>	<u>Phone</u>
Australia	(61) 2-9-451-7077
China	(86) 21-3395-0000
Czech Republic	(420) 235-09-00-61
France	(33) 1-47-14-32-00
Germany	(49) 7237-9960
Italy	(39) 02-356931
Japan	(81) 798-65-6361
Netherlands	(31) 33-277-7911
Singapore	(65) 6556-1100
Spain	(34) 942-87-6100
United Kingdom	(44) 1695-713600

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