



Pneumatic Automation Solutions | for Packaging Equipment



Fluid Automation. Right. Now.™

www.asco.com





ASCO offers the industry's most advanced pneumatic solutions for packaging equipment. Leading OEMs prefer our innovative, reliable, cost-effective designs plus unmatched fieldbus and I/O.

Presenting ASCO solutions

The first pick for packaging

ASCO, a leading provider of pneumatic and motion control components, is the supplier of choice for original equipment manufacturers (OEMs) of packaging machines. With more than 50,000 valves, an extensive range of air preparation equipment, and a full line of actuation products, ASCO creates comprehensive suites of flow control and pneumatic solutions we call fluid automation. Our total system solutions bring special advantages for food, beverage, and pharmaceutical packaging, as well as for other consumer and industrial container applications.

Design engineers specify ASCO for equipment including:

- Blister pack machines
- Bottle fillers & cappers
- Case erectors
- Case packers
- Case wrappers
- Conveyors
- Desktop labelers
- Robotic depalletizers
- Robotic palletizers
- Vertical form fillers & sealers

The leading fieldbus solution

Other pneumatics manufacturers may offer fieldbus functionality. Only ASCO is rated first in the U.S. for fieldbus manifolds by Frost & Sullivan, with our new Ethernet I/O Web-enabled factory floor communications modules. Your packaging solutions can take advantage of flexible configuration, more inputs and outputs, and lower cost per node for truly integrated field communications.

The value of our custom approach

In pneumatics, one size fits nothing. Our unique, extensively tested Numasizing® program lets our packaging experts predict pressures and recommend components with confidence. Accurately sizing your specific system cuts air consumption and component footprint, while maximizing performance. It also maximizes your savings: we deliver the industry's lowest installed and ownership costs.

Unmatched advantages

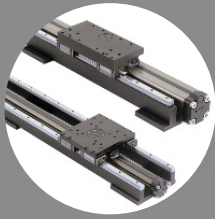
Packaging expertise. Our dedicated team possesses decades of experience, both in pneumatics automation and on the packaging line. So we get it right the first time, and you get the right products and performance.

Innovative designs. Our cylinders are lubricated for life, so there's no risk of food contamination or oil residue. From washdown constructions to air bearing spool and sleeves designed for billions of trouble-free cycles, ASCO Numatics components are engineered to be smart from the start.

Long-lasting reliability. We've built our business by making sure we maximize your uptime. Our products are assembled in the U.S.A. for absolute dependability, time after time. They also offer the highest life expectancies available.

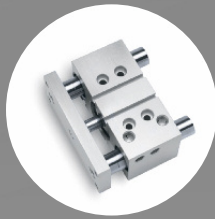
Global service and support. ASCO, a business unit of Emerson, is more than 4,000 strong and operates in 42 countries — we can use that scale to amplify the reliability, speed, and expertise that form the core of our customer promise. So you get unequalled distribution and support, wherever and whenever you need it. Our intense customer focus brings you fast response and knowledgeable answers to your questions, via our extensive field sales and direct support network.

Key solutions



RODLESS CYLINDERS AND AIR BELLOWS

Our comprehensive line of guided and nonguided rodless cylinders offer no-maintenance convenience; and include heavy-duty construction for demanding applications. Our air bellows complement these advanced components with high-force designs, requiring less installation space than any conventional actuator.



MOTION CONTROLS

Our actuators and linear guided cylinders suit your most demanding packaging equipment needs. Features such as flush wireways are perfect for tight space constraints in case stops, case clamps, and case flap closers. A choice of bearing options optimizes our designs to your needs.



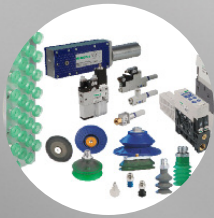
PNEUMATIC ACTUATORS

Select from the widest possible range of cylinder product lines. Side-load resistant, washdown-ready stainless steel and composite tubes, low risk of rod thread breakage, compact footprints, corrosives-resistant materials for meat packing or dairy; whatever your special need, our cylinders have the ideal design.



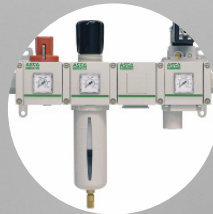
VACUUM PRODUCTS AND ACCESSORIES

Choose from a wide selection of vacuum generators with the industry's lowest air consumption, plus suction cups, vacuum switches, and peripheral devices for superior vacuum material handling. Accessories range from pilot-operated check valves and tubing to fittings and flow controls that provide one versatile thread design for multiple thread types.



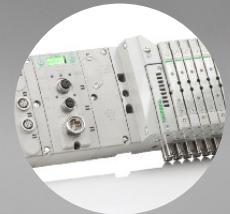
AIR PREPARATION

Our filters, regulators, and lubricators offer superior treatment of air quality and pressure on your packaging equipment. Our mounting designs avoid special brackets and end plates for the most versatile applications on the market.



VALVE MANIFOLDS

Three-way and four-way high-flow, embedded fieldbus and I/O valve manifold products. An integrated LED display allows for easy configuration and diagnostics, and our optional Auto Recovery Module (ARM) saves and reloads all configuration data to insure fast change-out. We offer the industry's widest variety of protocols, including Ethernet, AS-interface®, DeviceNet™, Profibus®-DP, and now FOUNDATION Fieldbus™. All valves are CE-rated and have IP65 washdown ratings.

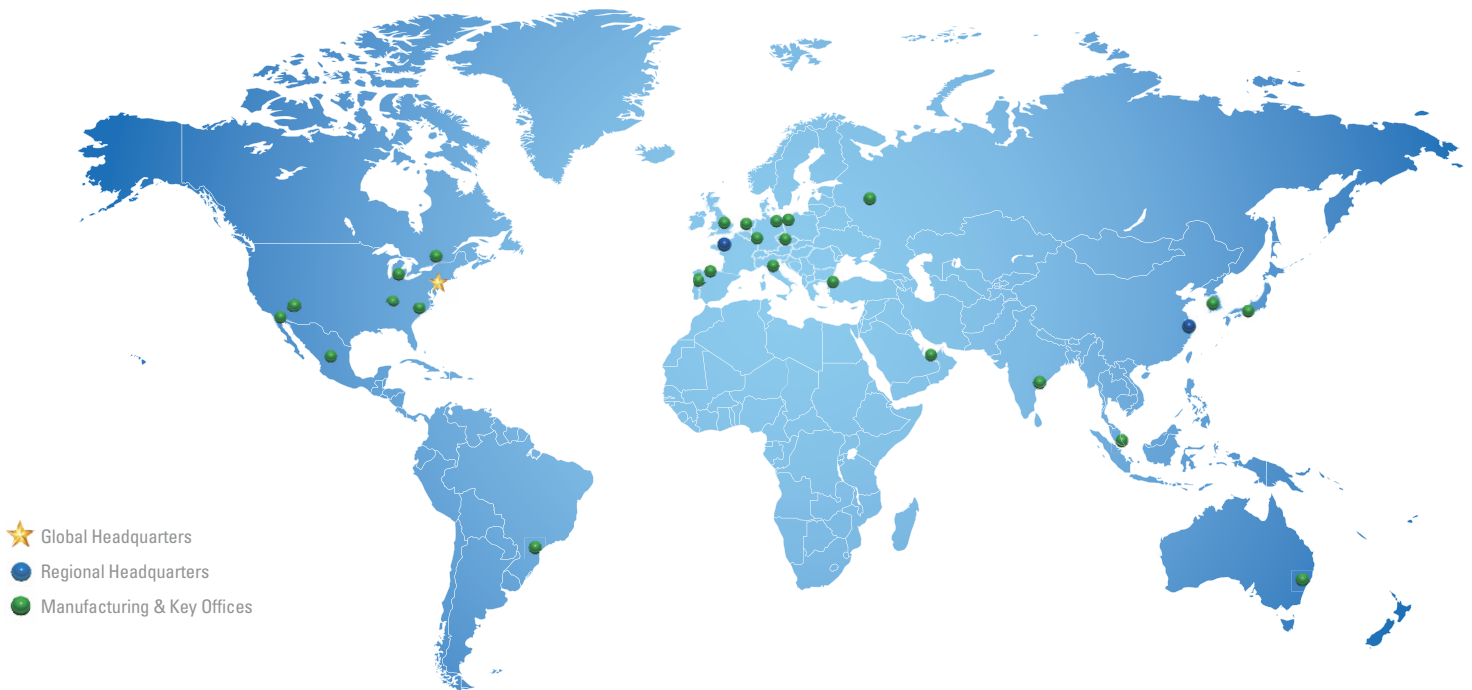


Global Contacts

www.asco.com

ASCO Headquarters (U.S.A.)
Tel: 800-972-ASCO (2726) or
+1 973-966-2000
info-valve@asco.com

ASCO Numatics (U.S.A.)
Tel: 888-686-2842 or
+1 248-596-3200
asconumatics.insidesales@emerson.com



- ★ Global Headquarters
- Regional Headquarters
- Manufacturing & Key Offices

Other Worldwide Locations

Australia	(61) 2-9-451-7077	Italy	(39) 02-356931
Brazil	(55) 11-4208-1700	Japan	(81) 798-65-6361
Canada	(1) 519-758-2700	Mexico	(52) 55-5809-5640
China	(86) 21-3395-0000	Netherlands	(31) 33-277-7911
Czech Republic	(420) 235-090-061	Singapore	(65) 6556-1100
Dubai-UAE	(971) 4-811-8200	South Korea	(82) 2-3483-1570
France	(33) 2-37-24-42-24	Spain	(34) 942-87-6100
Germany	(49) 7237-9960	Turkey	(90) 216-577-3107
India	(91) 44-39197300	United Kingdom	(44) 1695-713600



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