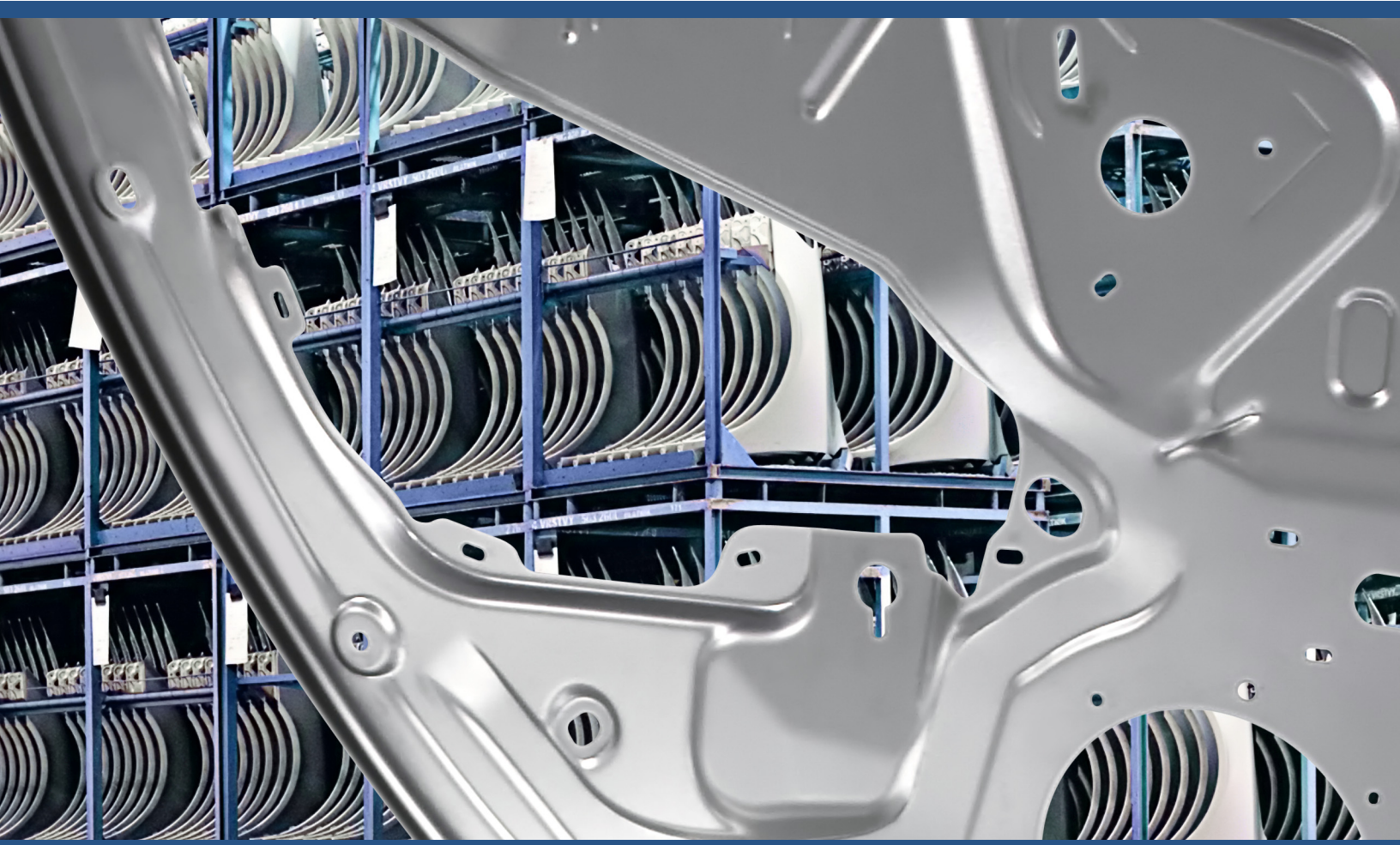


ASCO
NUMATICS™



Fluid Automation Solutions

for Press Room and Metal Stamping

www.asconumatics.com


EMERSON™
Industrial Automation



Numatics delivers intelligently designed, reliable, long-lasting automation solutions. Our fluid power products provide press rooms and metal stamping facilities with their pneumatic components of choice.

Presenting Numatics solutions

The standout choice for metal stamping

For automation of metal stamping operations worldwide, end users as well as machine builders and original equipment manufacturers (OEMs) can turn to Numatics. Our comprehensive pneumatic components packages make it easy and cost-effective to troubleshoot production faults and reduce downtime.

Applied with confidence

Use ultra-reliable Numatics fluid power products in manufacturing segments ranging from automotive and transportation to appliances, agricultural equipment, and many more.

For example, they're the components of choice in automotive metal stamping presses, de-stackers, oil re-apply stations, die bolsters, press transfer equipment, and end-of-press racking units. That includes body manufacturing and assembly of:

- Stamped parts
- Doors
- Deck lids
- Roof systems
- Hoods
- Door hinges
- Hemmers

Exceptional reliability

Numatics is a leading manufacturer of innovative, reliable pneumatics and motion control products. Our offerings have rock-solid quality and durability to stand up to punishing service in press rooms and other challenging areas. For example, Numatics valves feature our signature spool and sleeve design, proven to provide maximum reliability and performance. Users report that our products deliver longer mean time between failure (MTBF) than competitive brands. Result: the industry's longest service life.

Unique fieldbus electronics platform

Numatics offers easy, cost-effective solutions for digital I/O and valve automation with technology found only in our G3 electronics. Choose localized or distributed architecture. Get fewer nodes to commission, plus fewer points of failure via minimized I/O points and shorter cord sets. Optimize rack space for PLCs and scanner cards. Sharply lower your overhead costs.

Each G3 module has a unique integrated graphic display for simple, intuitive commissioning, plus a host of exclusive features for fast diagnostics during production. Our auto recovery module (ARM) option safeguards configuration data, enabling quick module replacement and machine availability. And G3 is compatible with all major industrial protocols — DeviceNet™, EtherNet/IP, Profibus® DP, PROFINET®, CC-Link IE Field™, and more.

Added benefits

Count on Numatics for a highly diverse product offering, providing exceptional performance in products from fieldbus electronics and extended-life suction cups to valves and tubing. You also get unsurpassed savings, due to long product lives and lower maintenance costs. Plus special advantages such as Numasizing — which correctly sizes your pneumatic components for reduced energy consumption.

In addition, our unbeatable technical support outdoes the competition in attentive customer support and speedy response. While our unmatched availability and delivery mean you get short lead times, solid supply chain support, and the industry's best quick-shipment program: Numatics Express.



Numatics FRL Assemblies

Modular high-flow filters, regulators and lubricators (FRLs) that are designed for automotive-type applications. They are robust and easy to assemble. End plates are available for easy extraction of the entire FRL assembly.



Numatics Delta Series Premium Filters

Numatics Delta Series offers high flow compressed air filtration solutions for metal stamping type applications. Products include water separators, particulate filters and various grades of coalescing filter elements.



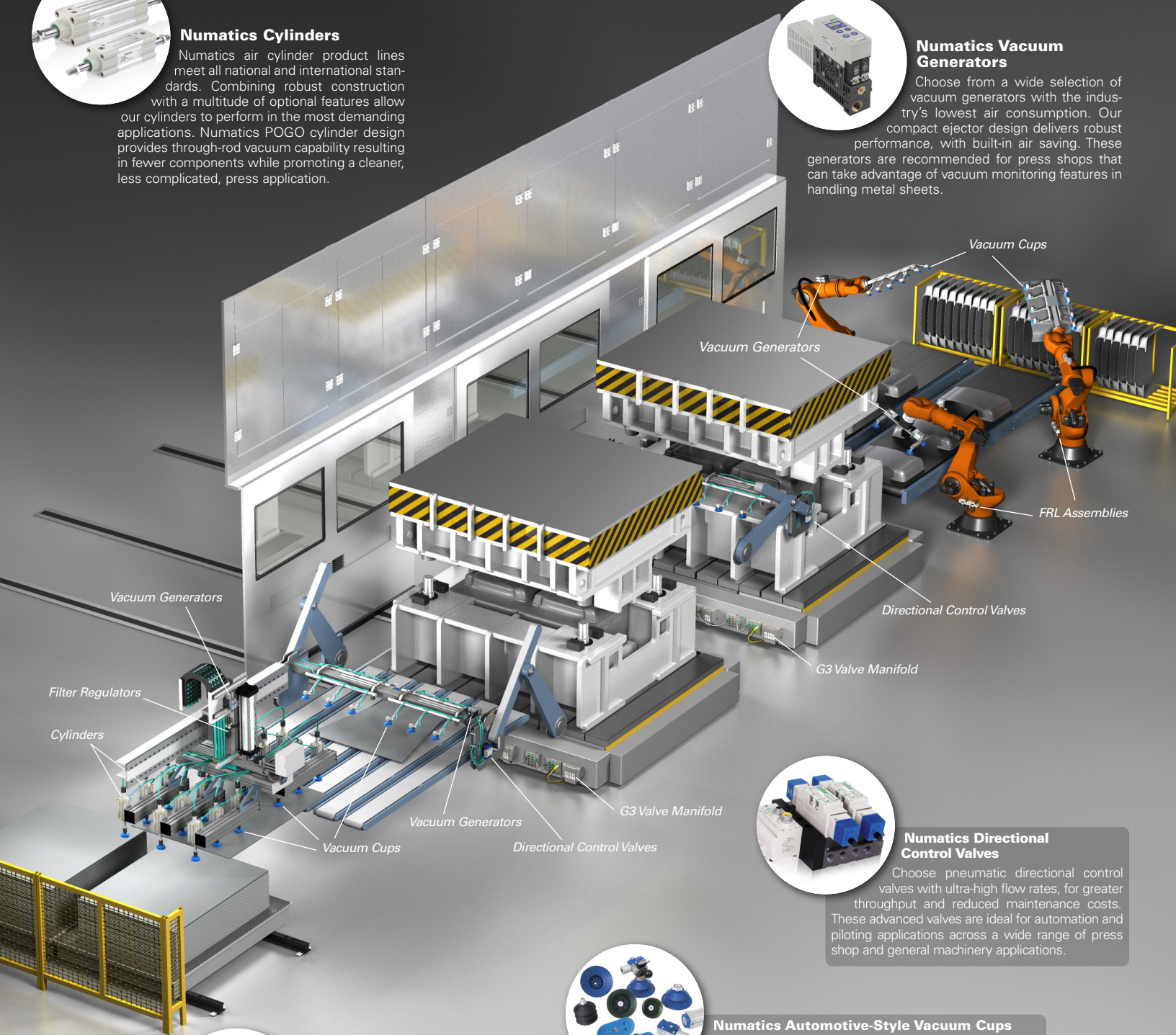
Numatics Cylinders

Numatics air cylinder product lines meet all national and international standards. Combining robust construction with a multitude of optional features allow our cylinders to perform in the most demanding applications. Numatics POGO cylinder design provides through-rod vacuum capability resulting in fewer components while promoting a cleaner, less complicated, press application.



Numatics Vacuum Generators

Choose from a wide selection of vacuum generators with the industry's lowest air consumption. Our compact ejector design delivers robust performance, with built-in air saving. These generators are recommended for press shops that can take advantage of vacuum monitoring features in handling metal sheets.



Filter Regulators

Cylinders

Vacuum Generators

Vacuum Generators

Vacuum Cups

Directional Control Valves

G3 Valve Manifold

Vacuum Generators

Directional Control Valves

G3 Valve Manifold

Vacuum Cups

FRL Assemblies



Numatics Directional Control Valves

Choose pneumatic directional control valves with ultra-high flow rates, for greater throughput and reduced maintenance costs. These advanced valves are ideal for automation and piloting applications across a wide range of press shop and general machinery applications.



Numatics Automotive-Style Vacuum Cups

These wear-resistant, automotive-style suction cups feature a reinforced design specifically created for vehicle manufacturing applications. Special patterns on each cup's underside help prevent slippage on oily surfaces.



Numatics G3 Fieldbus Manifolds

The revolutionary Numatics G3 electronics platform provides centralized or distributed valve and I/O architecture for maximum cost-effectiveness. A unique graphic display on each module allows effortless configuration. It also enables ultra-easy diagnostics, so users can quickly find and fix any faults that may occur during production. Result: far less downtime for critical stamping press operations.

Numatics Extended-Life Vacuum Cups

Ultra-robust suction cups with soft, tapered sealing lips are proven to deliver up to 10 times normal service life. During placement on work-piece, cups deliver high suction force with optimum dampening effect. Results: greater wear resistance — with longer runs for stamping presses, less production downtime, and fewer cup replacements.

Global Contacts

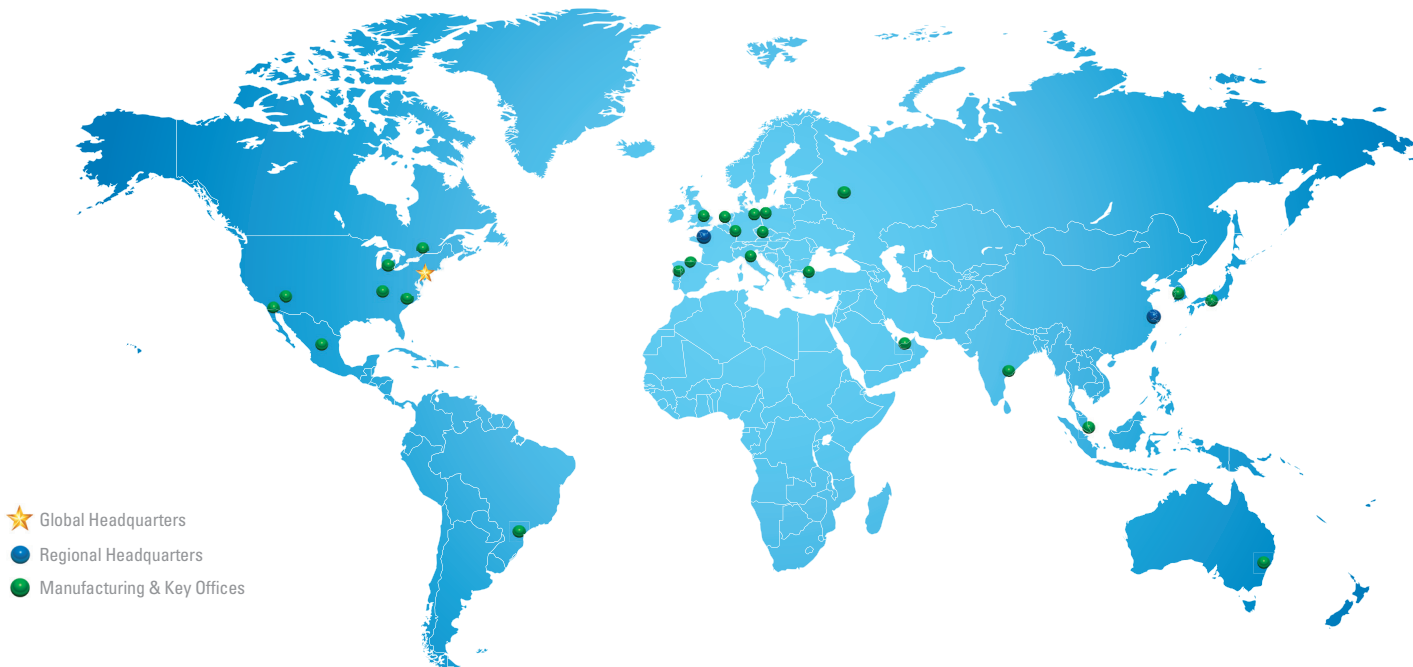
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