

A large-scale industrial scene featuring multiple robotic arms in a factory setting. One arm in the foreground is actively welding a metal component, creating a bright, intense light and a dense spray of orange sparks that radiate outwards. The background shows other robotic arms and industrial infrastructure, all under a cool blue ambient light.

**Emerson delivers the industry's
broadest portfolio of fluid control
& pneumatic solutions.**

Pneumatic Solutions by Emerson

Delivering the broadest portfolio and solutions for customers
across a variety of industries and applications.



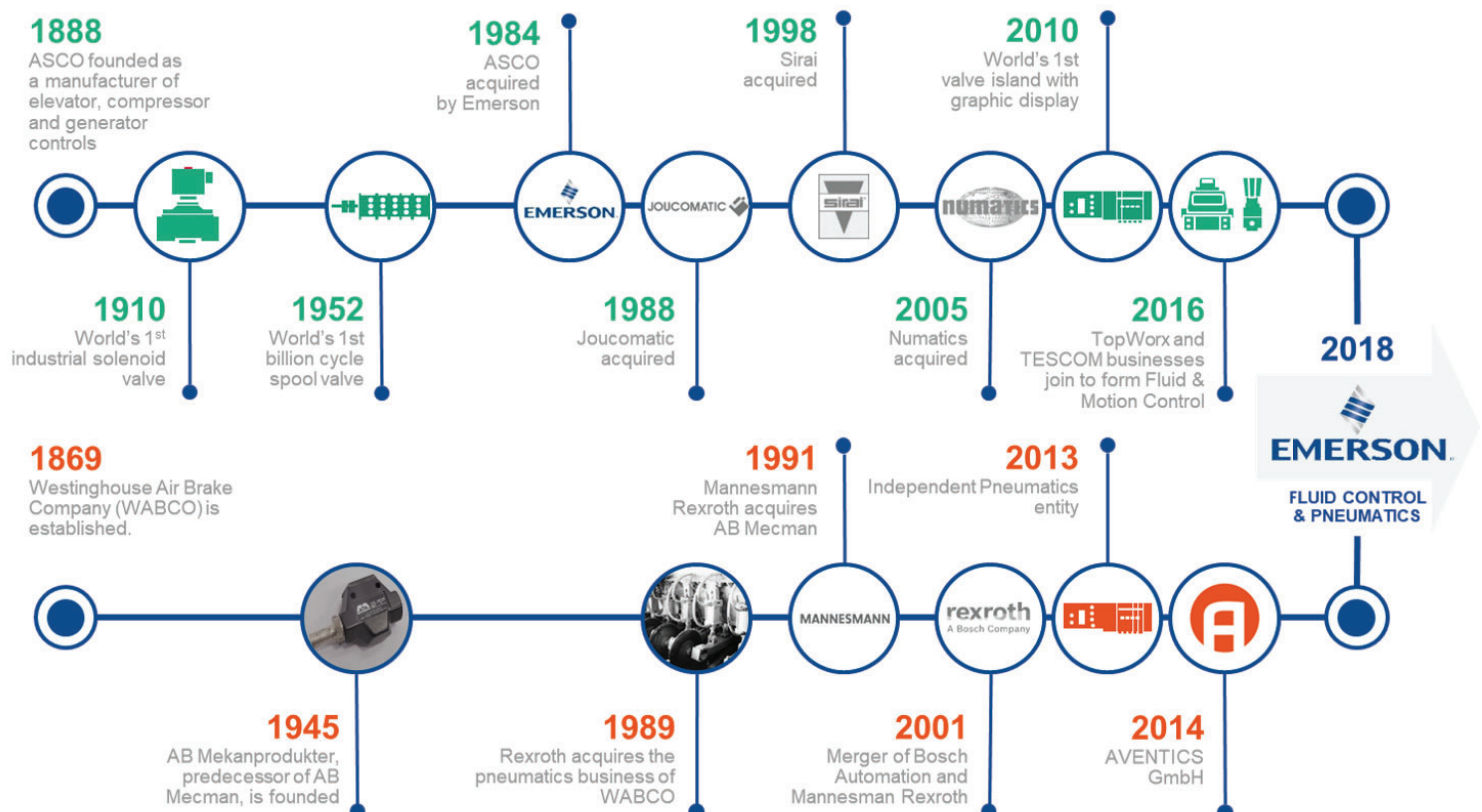
Providing expertise, technologies, and service to take on your toughest challenges.

Our Emerson Automation Solutions business helps process, hybrid, and discrete manufacturers maximize production, and protect personnel and the environment, while optimizing their energy and operating costs. Emerson's fluid control and pneumatics portfolio is uniquely designed to address the quality and speed of performance required to lead industrial and commercial players into the future.

As more than a pneumatic systems supplier, Emerson is uniquely placed to offer a full fluid control and pneumatic systems solution. With proven product brands like ASCO™, TESCO™, TopWorx™, and now AVENTICS™, Emerson is uniquely positioned to provide innovative technology, deep industry expertise, and expanded resources to help customers transform their ideas into measurable outcomes. AVENTICS is a strong complement to our capabilities in key discrete and hybrid automation markets.

As we continue to refine our capabilities to support customers, we will maintain the Numatics™ brand for a number of legacy products, but most existing and new pneumatics products will use the AVENTICS brand.

A Legacy of Innovation



Emerson Automation Solutions

Improving process and industrial manufacturing performance with measurable results.

Fluid Control & Pneumatics

Our portfolio reflects our broadened capabilities in Fluid Control, Pneumatics, Precision Fluid Control, and Position Sensing and Indication.

ASCO™

AVENTICS™

TESCOM™

TOPWORX™



INDUSTRIAL & COMMERCIAL



MACHINE AUTOMATION



PROCESS



ANALYTICAL & MEDICAL

Machine Automation Applications

Factory Automation



Unmatched fieldbus and I/O capabilities to optimize complete factory systems and innovative products for smart engineering.

- Laser cutting and welding
- Conveying and movement
- Robot tooling
- Wood working equipment
- Textile machinery
- Sorting machine
- Assembly and handling

Food & Beverage, Packaging



Modular control solutions that minimize downtime and restart production time, backed by experts in your unique application's design requirement.

- Meat processing (all zones)
- Case packers
- Form fill seal
- Bottling
- PET blowing and bottle manufacturing

Automotive & Tire



Pneumatic systems designed to reduce complexity, shortening installation and commissioning, and simplifying maintenance and upkeep.

- Automotive manufacturing:
 - Press shop handling and gripping
 - Body shop welding
 - Painting
 - Power train assembly
- Tire manufacturing:
 - Tire building machine
 - Tire curing press
 - Rubber preparation

Rail & Commercial Vehicles



Ultra-reliable products and solutions designed to cope with most challenging environments and reduce total cost of ownership.

- On-vehicle controls for engine clutch and transmission
- Commercial vehicle ancillary systems:
 - Doors controls
 - Pantographs
 - Sanitary systems



Visit www.Emerson.com/AVENTICS or contact your local representative to learn more about our pneumatics control solutions.

Efficient pneumatic solutions: cylinders and sensors, valves and valve systems, air preparation and accessories



AVENTICS™

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