PNEUMATIC SOLUTIONS
FOR THE MEAT, FISH,
AND POULTRY INDUSTRY

Pneumatics
It’s that easy
Food zones, splash zones and non-food zones – our pneumatics work everywhere

From air supply management to the actuators – our comprehensive product range has been specially tailored for the food industry and is home in all zones. The pneumatic components comply with the respective hygiene demands, fit together perfectly, and allow you to create optimized complete solutions.

Always the right solution for your application
Pneumatic solutions from AVENTICS are exactly tailored to the specific demands of the application and work conditions. This not only ensures optimum process efficiency and reliability, but also guarantees compliance with the hygiene standards for the individual production areas.

- **Meat**
  Livestock farming, meat processing, end-of-line
- **Fish**
  Primary and secondary processing, value-added processing, end-of-line
- **Poultry**
  Live bird, slaughtering, poultry processing, end-of-line

- **Meat processing machine:**
  Using ICL or CCL cylinders ISO 15552 for height adjustments. High-performance cylinders in hygienic design, easy cleanable and corrosion resistant. FDA scrapers, food lubrication, magnetic piston and adjustable cushioning. Optional double ports in one cover, low temperature seals, and many more.

- **Fish filleting machine:**
  Using CSL-RD cylinders for applications according to ISO 6432. Electro polished surface (Ra < 0.6 µm), with elastic or pneumatic cushioning, FDA confirm Silicone-free food grease according to ISO 21469. Together with ED02 for constant forces and high dynamics in IP65 and fieldbus connection. Using CL03 valves in IP69K with hygienic seals, fieldbus or multipole connection, resistant to detergents.

- **Poultry line:**
  Using 740 valves delivered with accessories in a kit with one part number for easy ordering and less mistakes while assembling. Corrosion-proof, chemical resistance, ATEX certification, IP65. Electrical or pneumatic actuated. Long lifetime without friction.

### Food zone
Product comes into contact with the surface.

### Splash zone
Product may come into contact with a surface.

### Non-food zone
Final packaging, no contact.

All solutions fulfil all requirements laid out in the appropriate directives and standards.
Our history and our future

“Our ambition is to become known as the smart pneumatic engineering company that is easy to do business with.”
Paul Cleaver, Chief Executive Officer

This is our promise to you
AVENTICS is steeped in tradition – and in 2014 it said farewell to large corporate structures to pursue a future as a stand-alone, flexible company on the market. As a clever, uncomplicated partner we see our customers as equals, offer modern, innovative products, and impress with quick solutions.

- We speak our customer’s language.
- We exceed the customer’s expectation.
- We convince by creativity in engineering.
- We are an active member of the EHEDG Working Group.

Our mission: We set trends in pneumatics and are the experts for special applications.

“Optimize processes with intelligent pneumatic solutions in order to further simplify complex machines.”
Hans Bol,
International Business Development Manager
at AVENTICS
But that's not all: Our expertise is your benefit

Customer-specific solutions and system technology
Developing customer-specific solutions is one of our core skills. This includes planning, configuration, and assembly of pneumatic controls, as well as the creation of customer-specific product adaptations and new developments.

- Ready-to-install cylinder valve units
- Modified valve systems and maintenance units
- Configured control cabinets and panels

Smart Products and the Internet of Things
We support our customers with products and concepts to implement intelligent pneumatics: networking, self-diagnosis, and decentralization.

- Member of the Science-to-Business Center
- Solutions for predictive maintenance for more energy efficiency and a high level of user-friendliness
- Support by a specific team of experts

Machine safety
We advise on all matters of machine safety for pneumatic controls and offer comprehensive service to help you develop and achieve a sound safety concept, as well as supplying the right products. Draw on the knowledge of our experts for these complex tasks!

Engineering Tools
Our online portal is available around the clock and includes comprehensive information on our product program and sophisticated Engineering Tools that you can use free-of-charge.

- Online Catalog
- Calculation Programs
- Cross Reference Tool
- CAD
- Circuit Diagram Software
- CylinderFinder
- Configurators
- eShop
- Extranet

www.engineering-tools.com
The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.