Textile industry
You would like to reduce your costs? 
You prefer a more reliable partner? 
We have the right approach for you.

→ WE ARE THE ENGINEERS OF PRODUCTIVITY.

More productivity for the textile industry worldwide with reliable solutions from Festo

The global population is growing year by year and with it the demand for textiles. However, despite rising sales, the trend is towards ever lower textile prices. In order to be successful in the textile industry, manufacturers have to ensure production is cost-effective. This increases the pressure on machine builders to develop faster, more efficient and more productive solutions that reliably achieve maximum output. With all these facts in mind, Festo offers sturdy automation technology with products available around the world and comprehensive service.

For more information:
www.festo.com/textile
**Worldwide presence**

Our innovative range of products, solutions and services. With over 250 branch offices in 176 countries and national companies in 61 countries, we are always in close proximity to you. Always available and absolutely reliable.

**Energy efficiency@Festo**

Design your future economically and sustainably: the perfectly harmonised energy efficiency concept from Festo incorporates all the phases of your value creation process. And in most cases, our Energy Saving Services provide immediate improvements in the energy efficiency of your systems.

**Safety@Festo**

Reduce risk – think preventively. Our safety-oriented automation technology gives you the certainty that your workplace is as safe as possible. And in compliance with the EC Machinery Directive.

**Much more than just products**

We offer services along the entire process chain, including after-sales service. For high system availability and reliable processes, without unplanned downtime.

**Engineering tools from Festo**

We make your work easier, every day. Simply use our engineering tools.
A plus for your textile machines: products from Festo

Products from the core product range from Festo make it easy for you to increase the productivity of your textile machines. Whether the need is for spinning, stretch texturing, weaving, round knitting, flat knitting or textile finishing – Festo offers the right product for your application.

**Valves and valve terminals**

**Solenoid valve VUVG**
Compact, high flow and low cost – the best valve in its class

- Modular with many variants for your specific requirements
- Available as an electrically or pneumatically actuated valve
- Expandable into a valve terminal with individual connection

![Solenoid valve VUVG](image)

**Solenoid valve VUVS**
Sturdy, with high flow rates and low-cost – the new universal valve for your everyday tasks

- Simple product range structure
- Easy to assemble and service thanks to the external pilot air supply via manifold rail
- Compact: operating voltage changeable via rotating solenoid
- Ideal for use in vacuum and low-pressure range

![Solenoid valve VUVS](image)

**Valve terminal VTUG with plug-in**
The valve terminal for low-cost, general use

- Available as a multi-pin or fieldbus valve terminal – for quick and easy conversion
- Diagnostics via fieldbus and LEDs
- Up to 24 valve positions in a fixed grid
- VTUG with plug-in for safety functions: optional integration of valves VUVG with individual connection
- Suitable for control cabinet installation

![Valve terminal VTUG with plug-in](image)
Cylinders

Standard cylinder DSBC and round cylinder DSNU
Sturdy and inexpensive

- Festo quality for high running performance and long service life
- Self-adjusting optimal end-position cushioning PPS
- Range of versions and wide choice of accessories for flexible use
- Available as a complete unit, e.g. with fittings, tubing, etc.

Standard cylinder ADN
Maximum productivity in the smallest space

- Non-standard sizes and designs are also available for a broad range of applications
- Up to 50% shorter than the large standard cylinder ISO 15552 – with the same stroke
- Greater capacity for converting energy
- Lower vibrations
- Shortest delivery times and attractive price

Fluidic muscle

Fluidic muscle DMSP
The innovative principle: ideal as a pneumatic spring for precise tensioning of warp beams

- High force combined with a small diameter
- Frictionless movement at frequencies up to 150 Hz
- Hermetically sealed and thus insensitive to dirt

Process and media valves

Process and media valves
Whether for gases, highly viscous fluids, pastes or granulates, media valves from Festo control the different fluids in your machine during cooling, lubrication, cleaning, washing and sterilisation, as well as dosing and mixing, and disposal.

- Flexible: ideally suited for textile processing and finishing, such as in dye works
- Sturdy: also suitable for contaminated or aggressive media
Maximum productivity is a question of ambition
Do you share this attitude? We will be glad to help you achieve this goal – through our four outstanding qualities:
• Security • Efficiency • Simplicity • Competency

We are the engineers of productivity.

Discover new dimensions for your company:
www.festo.com/whyfesto