

Online Engineering Tools

Save valuable design time

FESTO

Festo online engineering tools facilitate various aspects of the product design process, enabling you to select and configure components and systems, generate required documentation, perform calculations and more.

3 popular online tools:

[Quick Search Plus](#) - Facilitates the product selection process by letting you access the complete Festo online catalog so you can find the right product quickly and easily.

[Festo Automation Suite](#) - Offers a single software platform for parameterizing, programming and maintaining a complete drive system — from the mechanical components to the controller.

[CPX-FMT Maintenance Tool](#) - A helpful online tool for commissioning, configuring and diagnosing Festo CPX valve terminals.



MORE ONLINE TOOLS

LPL Series Linear Actuators

Specifically designed to fit on robot end effectors

SMAC
Moving Coil Actuators

LPL series, low-profile, electric linear actuators are designed for Robotic End Effectors. SMAC is at the forefront of accelerating new technologies, such as robotic fingers and hands, that provide customers the ability to manufacture faster and with more precision and quality than traditional pneumatic air compressor technology. In addition, the LPL has high force and is fully programmable in speed, position and force with real-time feedback capability.

- Programmable positioning, speed and force
- Ability to 'Soft-Land' on a surface and then perform work and provide real-time feedback
- A lifespan of more than 100 million life cycles
- Price competitive



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Advanced Vibration Suppression

Decreases process time, improves outcomes

 **MITSUBISHI
ELECTRIC**

Excessive vibration can happen for a variety of reasons, such as mechanism compliance (or flexibility), uneven inertias between a machine's load and its motor, machine resonance, loose couplings, improper belt tensions, and so on. Unchecked vibration can wreak havoc on cycle times, especially for servo motors in complex mechanical systems that aren't highly rigid.



Today's best answer to preventing problems caused by vibration is the use of advanced vibration suppression algorithms programmed directly into servo systems.

[Read more about advanced vibration suppression in servo systems.](#)

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Gravity Roller Conveyors

Simple and inexpensive product transport



Gravity roller conveyors are some of the most commonly used types of conveyors in factories and other industrial settings. They offer a simple, reliable, and inexpensive solution to transporting parts, products, and packages.



With a lower amount of friction than belted conveyors, a roller conveyor is suitable for processes that require operators to shift, rotate, and position product while in motion. Utilizing gravity roller conveyors in certain applications can reduce costs and maintain high levels of efficiency and productivity.

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Bertelkamp Automation | 800-251-9134 | info@bertelkamp.com | bertelkamp.com