Electromechanical actuators

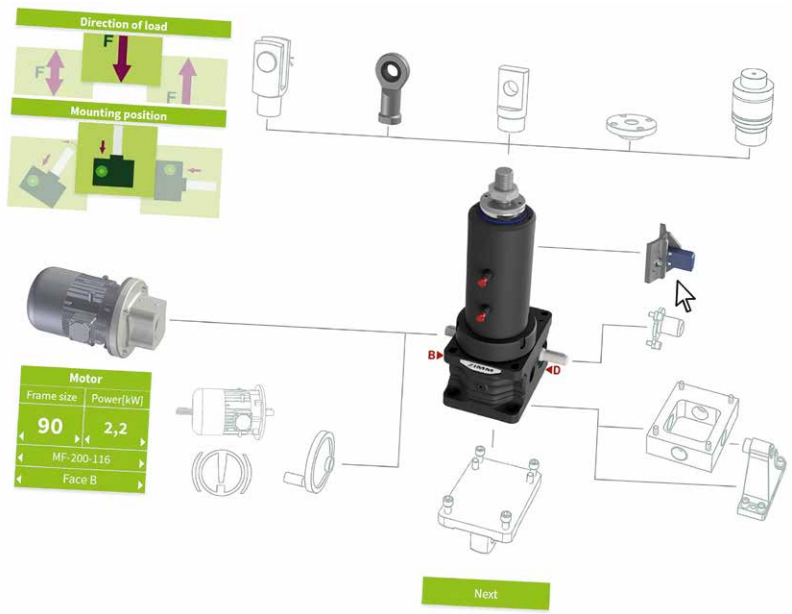
Enhancing efficiency and precision in industrial applications

Optimized, fast, and simplified configuration:
Electromechanical actuators now available in the product configurator

The demands of modern industrial plants are increasing: Precise positioning, energy-efficient movements, and accurate control are becoming essential across more industries. Our advanced CAD product configurator enables simple and fast planning of electromechanical actuators for a wide range of industrial applications. This powerful tool helps improve efficiency and reduces design time by providing tailored solutions for every industrial need.

Features of the configurator:

- Four sizes and customizable accessories for maximum flexibility
- Real-time 3D and 2D preview for quick and reliable decisions
- Modular system for seamless integration into existing plants
- Advanced technical support to ensure optimal component selection
- Option to download CAD models for easy implementation



zimm.com/cad-login

Why choose electromechanics over hydraulics?

1 **Energy efficiency**
No need for constant pressure generation – energy is consumed only when required, significantly reducing overall consumption.

2 **Cost reduction**
Eliminating oil changes and production downtimes lowers maintenance and operating costs.

3 **Operational safety**
Self-locking actuators prevent uncontrolled movements; additional monitoring systems enable safe, scheduled maintenance.

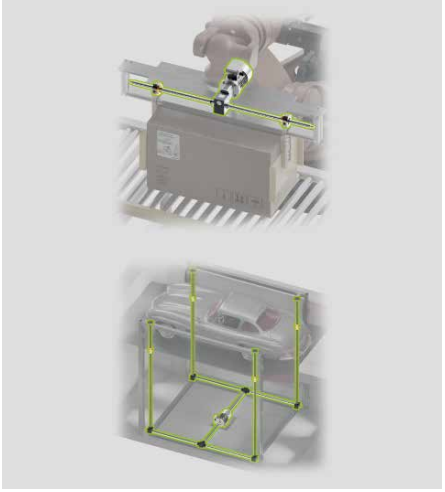
4 **Simple integration**
Compact design allows for flexible applications and easy retrofitting into existing plants.

5 **Environmental friendliness**
No use of hydraulic oils – reducing pollution risks and ensuring eco-friendly disposal.

Practical example: Increased efficiency with electromechanical actuators
An example from the recycling industry highlights the successful use of electromechanical actuators: They enable precise control of plant components, optimize sorting processes, and reduce energy consumption.

Similar advantages can be observed in other industries:

- **Logistics:** Automated storage and transport technology with precise load movement improves the efficiency of the entire supply chain.
- **Automotive industry:** Lifting and positioning systems in production lines ensure consistent quality and reduce assembly errors.
- **Mechanical engineering:** High-precision control of machine components optimizes production processes and reduces maintenance costs.
- **Food industry:** Accurate control of packaging lines enhances product quality and food safety.



Maximum flexibility through a modular system

In addition to actuators, we offer all necessary accessories – connecting shafts, couplings, motor flanges, and motors – tailored to your specific requirements. The modular system allows for future upgrades and adjustments, ensuring sustainable investments.

Electromechanical actuators are suitable for plants of any size, making them a strategic choice for growing companies. Their versatility enables tailored solutions for new challenges and easy integration into existing processes.

Conclusion: Switch to electromechanics now

Companies seeking to modernize their industrial processes benefit from electromechanical solutions through:

- **More precise adjustments and positioning** for improved product quality
- **Lower energy and maintenance costs** for faster return on investment
- **Increased safety and reliable integration** to minimize unexpected downtimes
- **Greater sustainability** by eliminating harmful hydraulic oils

Use our CAD product configurator to design your tailored solution – efficient, sustainable, and future-proof!

ZIMM®
zimm.com