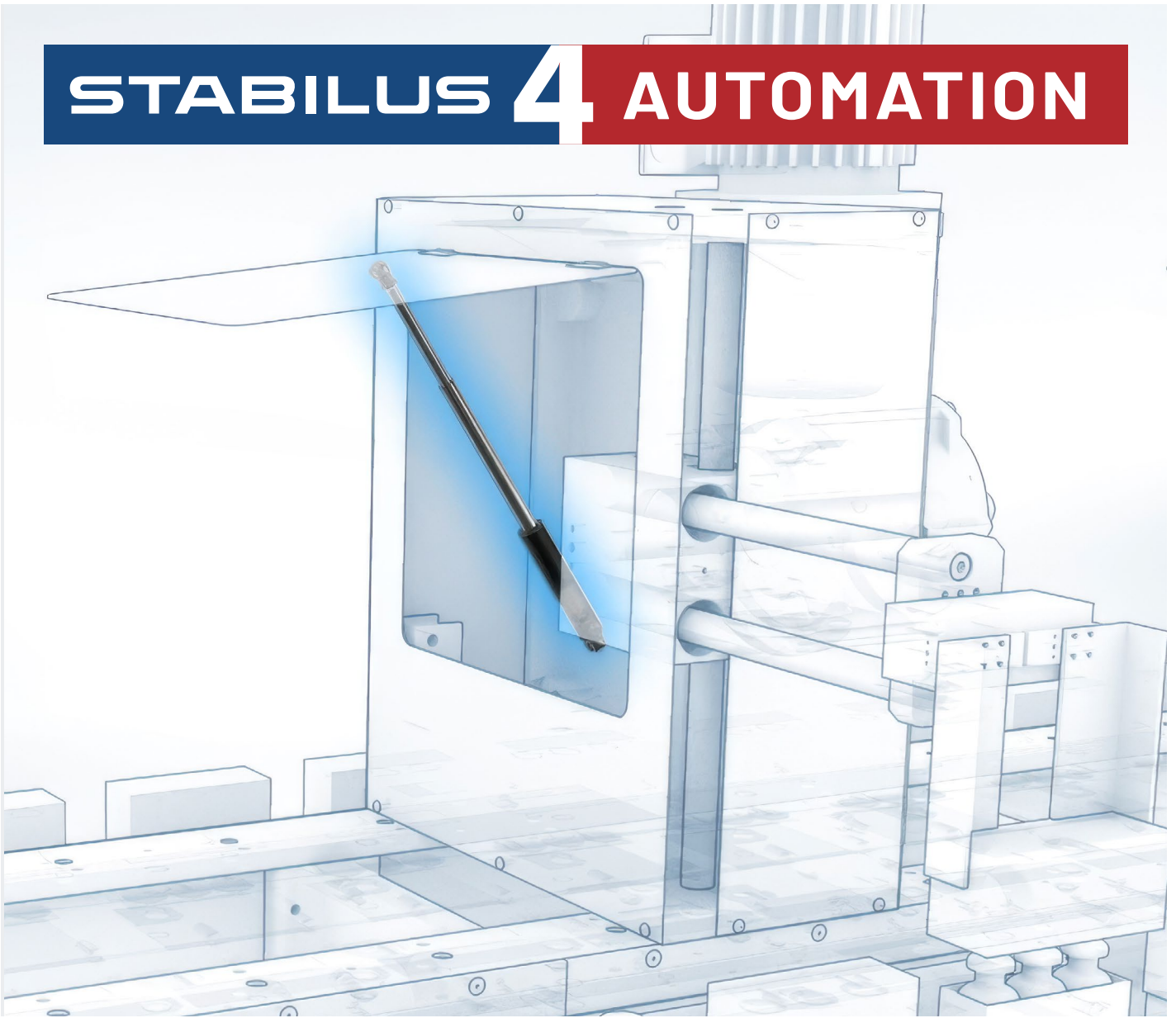


STABILUS 4 AUTOMATION



**LINEAR ACTUATORS.
CONTROLLED MOTION
FOR AUTOMATION.**

ADVANCED MOTION CONTROL KNOW-HOW.

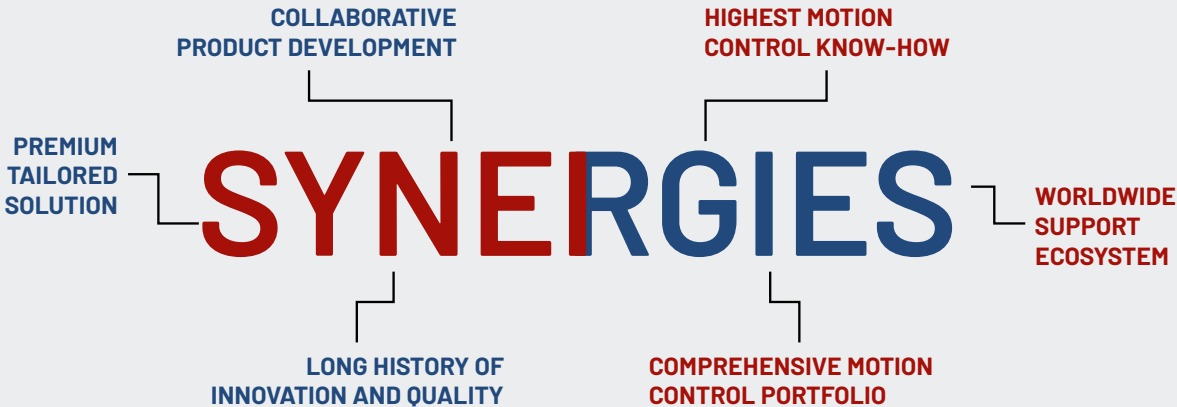
INCREASE VALUE. BOOST PERFORMANCE. REDUCE OPERATING COSTS.

STABILUS 4 AUTOMATION

Stabilus4Automation represents cutting-edge expertise in motion control. Customers benefit from comprehensive solutions from a single source, supported by a globally connected team of experienced application experts across a wide range of brands and industries.

Selected Stabilus expert brands combine their versatile, high-quality components with decades of application knowledge. Together, they enable the six synergies of Stabilus4Automation—offering developers and users a unique portfolio of advanced automation solutions that can be easily integrated worldwide from a single source.

[Learn more about Stabilus4Automation here >](#)



OUR ELECTRIC SOLUTIONS FOR AUTOMATION

COMPARISON AT A GLANCE

	ELECTRIC	PNEUMATIC
Efficiency	✔ 80-95%	✘ 20-30%
Positioning	✔ Freely programmable	⚠ mostly 2-point
Force Control	✔ Dynamic	⚠ Limited
Infrastructure	✔ Power only	✘ Compressed air network required
Industry 4.0	✔ Native	⚠ Retrofitting required
Initial Investment	⚠ Higher	✔ Lower
High Force Density	⚠ Limited	✔ Very good

With its portfolio of electric products, the Stabilus Group offers significant advantages over traditional pneumatic solutions.

This enables us to provide fully electric and scalable automation solutions from a single source.

DESTACO ERDH (ELECTRIC ROBOHAND PARALLEL GRIPPER)

Electric parallel gripper from the Robohand series with 4 programmable sensors and integrated speed and force control. No compressed air supply required at the robot; the integrated backlatch locking mechanism maintains gripping force even without power > **clean, streamlined robot installation with just a single cable to the PLC.**

[Learn more here >](#)



DESTACO SMART CLAMP

The 92W Electric Power Clamp replaces pneumatic clamps with smart, air-free electric clamping solutions featuring integrated control > **flexible workpiece clamping in multiple positions, no external sensors required, and up to 85% lower energy costs and CO₂ emissions compared to pneumatic systems.**

[Learn more here >](#)

STABILUS POWERISE

The electrically adjustable linear actuator replaces passive gas springs, for example on flaps and doors, **enabling precise positioning, variable speed profiles, and intelligent control for automotive and industrial applications.**

[Learn more here >](#)

INDUSTRIAL POWERISE DESIGNED FOR HIGH PERFORMANCE AND LOW OPERATING COSTS



Through the combined expertise of our specialized brands in the field of motion control, we are setting a new industry standard with Stabilus4Automation.

One example is the Stabilus Industrial POWERISE. Today, customers benefit from a success story that began more than 20 years ago in the automotive industry.

BENEFITS FOR CUSTOMERS

- Automotive-grade engineering expertise
- In-house developed technology
- Smart solutions for reliable automation
- Lower total cost of ownership
- Best-in-class performance and quiet operation
- Future-proof innovation for IoT applications

TRIED AND TESTED MILLIONS OF TIMES, OPTIMIZED FOR INDUSTRIAL USE

Today, more than 50 million of these linear actuators have been delivered to virtually all major automakers. Our globally sought-after linear actuator has undergone extensive cold, heat, and corrosion testing and easily withstands at least 50,000 movement cycles at temperatures ranging from -30°C to +80°C.

This proven platform has been further developed to meet a wide range of industrial requirements—delivering a premium automation solution.

SMART OPENING AND CLOSING

Opening and closing applications are becoming more intelligent, as sensors continuously monitor system status and can detect obstacles to improve process safety. Versions with an integrated control unit can be operated without an external controller.

HIGH PERFORMANCE AND RAPID IMPLEMENTATION

Customers benefit from proven solutions, rapid implementation (plug-and-play, no external controller or wiring required), improved performance, and lower total costs. At the same time, they benefit from a level of motion control expertise that redefines the boundaries of what is possible in automation and manufacturing.

You can find all the technical specifications [here >](#)

FLEXIBILITY CUSTOMIZATION WITHOUT COMPROMISE



At Stabilus4Automation, flexibility means not only offering standardized products with optional features, but also delivering stock items quickly and, if necessary, providing custom-made solutions.



**Learn more about POWERISE
from the expert brand ACE >**

Individual orders within
48 hours.



**Learn more about POWERISE
from the expert brand Hahn >**

"Customized to Order" program
offering customized solutions.

OUR APPROACH TO FLEXIBILITY

- Customizable POWERISE drives
- Small batch production within 48 hours
- Fast sample delivery
- Cost-efficient platform-based customization
- Customized solutions for industry

We can develop custom solutions—even for low volumes—and provide samples quickly.

The combination of flexible solutions, in-depth application knowledge, and years of experience enables us to deliver high-quality results quickly and reliably.

**THIS IS HOW WE'RE SETTING NEW STANDARDS
IN MOTION CONTROL.**

APPLICATION TECHNOLOGY THAT DELIVERS REAL VALUE



Application engineering is one of our core strengths when it comes to translating our expertise in motion control into tangible benefits for our customers.

BENEFITS FOR CUSTOMERS

- Tailored systems for maximum efficiency
- End-to-end solutions from a single source
- Faster time to market thanks to expert guidance
- Complimentary planning by experts saves time and money

OUR APPROACH IS SIMPLE: YOU DESCRIBE THE APPLICATION. WE DEVELOP THE IDEAL KINEMATICS.

Our experts analyze your requirements and develop customized solutions for optimized motion sequences. In doing so, we combine deep system understanding with innovative technologies to take functionality, efficiency, and user comfort to a new level.

The benefits are clear and measurable: optimized performance, lower costs, faster implementation, and reduced risk. But beyond the mere metrics, with us you also gain a reliable partner who is committed to your success, brings proven expertise to every challenge, and supports solutions throughout their entire lifecycle.

CONTACT US TODAY TO SECURE LONG-TERM EFFICIENCY GAINS!



VISIT OUR WEBSITE >
AND DISCOVER HOW
STABILUS4AUTOMATION
CAN TAKE YOUR APPLICATIONS
TO THE NEXT LEVEL.

Fill out our contact form –
it's quick, easy, and connects you directly
with the right contact person.

- Personalized consulting
- Technical expertise under one roof
- Global presence, local strength