

ECKART
[HYDRAULIK · PNEUMATIK]



[**GATEWAY**
to new technologies.]



Visions that pay for you.

Our motto always has been **"gateway for new technologies"**. For more than 30 years we have put everything we got into the development of technical products precisely fulfilling their tasks.

Our product range comprises:

- hydraulic and pneumatic rotary actuators
- rotary-linear actuators
- linear cylinders and
- special devices

We manufacture components for nearly all branches of industrial and mobile applications. The quality and features make our actuators very price appealing. If it concerns

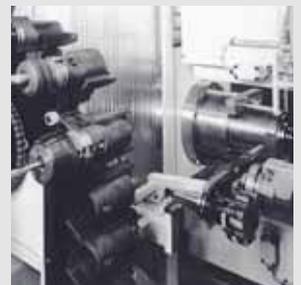
- excavating and drilling machinery,
- machine tools,
- the field of onshore and offshore,
- construction of vehicles,
- pharmaceuticals industry,
- food industry,
- and many other areas,

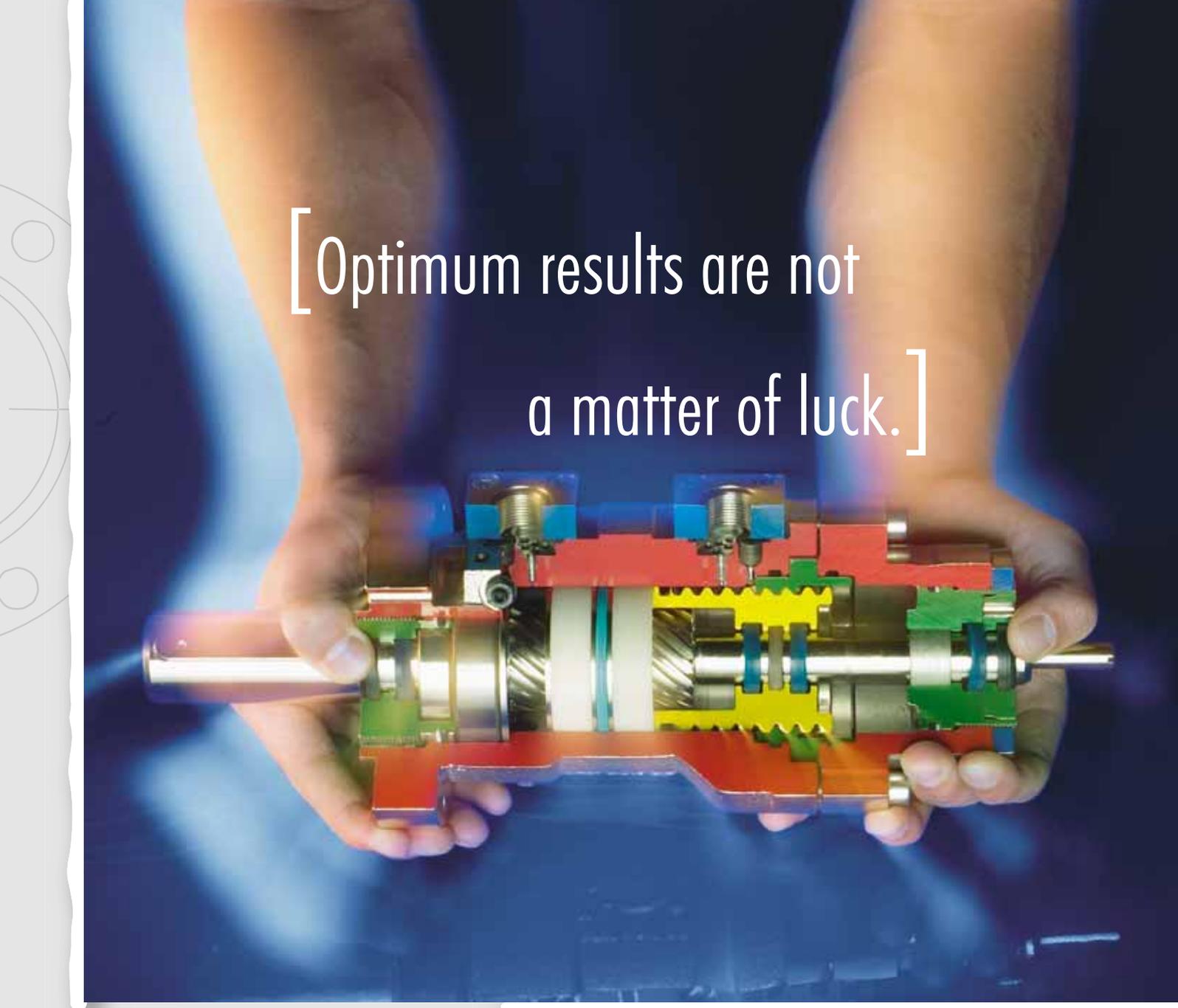
our promise is: **safety and highest quality come first.**

Professionals in the field of drive technology

Granted, machines are something very special for us. As a leading manufacturer of high-quality and efficient drive technology we have an emotional relation to our products.

For us machines are visions which came true – they are more than a composition of single parts.





[Optimum results are not
a matter of luck.]

Products worldwide in demand

For more than 30 years our company has continually improved and developed new products. Over 150,000 actuators used worldwide give proof of the acceptance of our products. We are continually improving our position in the world market through sales agencies, exhibitions and trade shows.

The name Eckart stands for high quality, short delivery periods, competent consultation and first-class service. We are **certified** according to **DIN EN ISO 9001** standard.

In addition to our technical know-how another very important qualification forms the basis of our success: we are able to listen – and we do it with pleasure. The best products and **optimum solutions** are the result of an intensive communication with our customers. We always really look forward to it.





Products with a strong durability.

Eckart product ranges for highest precision

We have a clear concept: products giving the highest benefit. You can select from numerous product ranges. Whatever you choose – we combine reliability and highest demands on efficiency to your advantage.

Eckart relies on latest technology and an **extremely high standard of performance:**

Our products are known for their

- precision,
- high availability,
- robustness,
- capacity of resistance to wear,
- economic efficiency,
- high flexibility.

Due to the **modular design** we are in the position to solve your technical problems, quickly.



Rotary actuators

- Tilting of containers
- Opening and closing of doors
- Rotating of working platforms
- Actuation of fittings
- Rotating and holding of drilling mounts
- Turning of pallets
- Transfer of tools or work pieces and much more

Outstanding Performance – Examples for the World

We are proud of the outstanding performances due to the superior workmanship and the solid Eckart design. The full Eckart product range has continuously proven itself in every day use.

All actuators – however different and individual – are based on the same principle: compact aggregates generate **maximum efficiency** requiring minimum space by hydraulic or pneumatic pressure. Even with this high efficiency the control is precise and simple. In the fields of rotary actuators, rotary-linear actuators, and multi-axis devices Eckart has done **pioneering work**, which sets an example to the entire world.

Tell us your project and we will show you the optimum solutions. Only after we have optimized a product so that it **perfectly** meets the demands, we put it on the market.

In addition to the variety of standard units we are in the position to manufacture according to your specific needs and we also offer the corresponding accessories: from adapter flanges via shaft configurations to special porting and manual operation. According to your demands we also mount, of course, accessories by other manufacturers as control switches, angle sensors or valves.



PHSE



HSE4



EHZ



Special hydraulics



Special pneumatics

Rotary-linear actuators

- Complete tool changes
- Feed motions in a sequence control
- Lifting and rotating of pallets
- Actuation of chucking claws and much more

Special devices

- Tool changing devices with all necessary motions
- Versions for use underwater
- Multi-axis devices
- Actuators with spring-return mechanism and much more

[The details are decisive.]



Superior professionalism by experts.

Specialists are working with us

The knowledge and competence of our staff members form the foundation of our high efficiency. Responsible contracts with binding deadlines, timing and coordination can only be managed by a motivated, qualified and flexible team.

Our staff is trained by our company. More than 70 apprentices served their apprenticeship with us, many of whom passed their examination held by the **Chamber of Industry and Commerce with excellent marks**. Employees have established a strong corporate identity with our company - 15 percent of our staff has been working for us for more than 25 years; 60 percent for more than 10 years.

In Schlüchtern, Germany, the corporate headquarter's staff exceeds 70 specialists. Our staff attends to your project needs and is willing to present other types of solutions.

Intensive exchange of ideas, continuous coordination and flexibility to changed situations are acknowledged by our customers with their trust. Our staff has the experience and necessary competence to advise you individually and comprehensively - even if it is extremely urgent.

We match the demands of the market with the latest advancements in technology. Our team of design engineers is highly experienced in the field of mechanical engineering. Several **text and specialty books** have been based on our product advancements.

Today renowned companies such as **DaimlerChrysler, Sandvik and Ferrero** trust in Eckart products. However, we do not rest on this success. Currently, the design engineers are focusing on refining the SM5 rotary actuator. The SM5 is a rotary actuator with no backlash.





[Together we are strong.]

f.l.t.r.:

Günter Eckart (Management)

Werner Eckart (Management)

Rudi Eckart (Management)

Hans-Georg Hölzer (Sales)

Werner Knöll (Purchasing)

Josef Müller (Development and Design)

Heinz Knospe (Production)

Frank Auth (Planning)

Stefan Limpert (Quality Management)

Oliver Knospe (Assembly)

History of success in the third generation

In 1969 Rudolf Eckart laid the foundations for a successful family business. Today, his sons manage the company with the same **vision**, experience, and business know-how that keeps the company among the world leaders in drive technology.

Flexible to market demands and continuous investments have characterized the company's philosophy. This same philosophy has been taken over by the second and third generation.

However, don't hesitate to verify our performance, see for yourself. **Welcome** to Eckart Hydraulik/Pneumatik.

Rotary actuators
Rotary-linear actuators
Linear cylinders
Special devices

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