

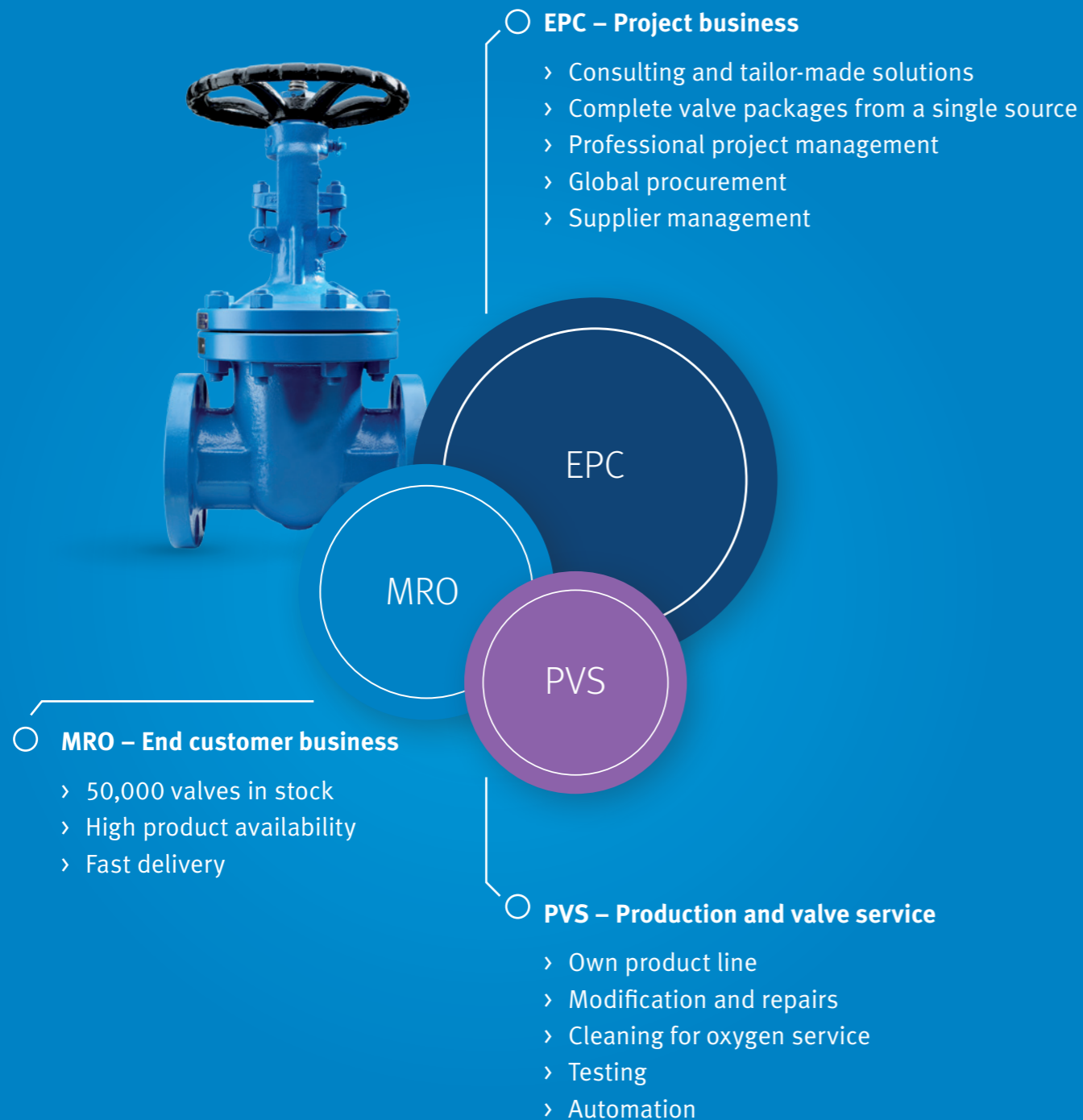
SIEKMANN ECONOSTO

An **ERIKS** Company



Siekmann Econosto –
More than just a supplier.

siekmann-econosto.de



Since 1957, Siekmann Econosto has stood for quality, safety, customised product solutions and worldwide service.

Our mission:
Let's deliver the extraordinary to make industry perform better.

Siekmann Econosto is a supplier and manufacturer of high-quality valves and industrial services for power plant technology, oil and gas plants, (petro)chemical plants and pipelines. Customers also rely on our expertise and products for the construction and operation of plants related to the energy transition, e.g. electrolysis for the production of green hydrogen, carbon capture plants and e-fuel production plants.

SE stands for engineering excellence, quality, safety, reliability and internationality



<https://www.siekmann-econosto.de/en/>

50.000 valves in stock.



We plan, procure and deliver

Our tailor-made valve solutions meet global standards for critical sectors.



Oil and gas

SE optimises and supplies gate valves, valves and check valves for use in refineries, gas purification plants, lubricating oil plants, ethylene plants and air separation plants.



Power plants

SE develops customised products and supplies valves for use in coal-fired power stations, gas turbine power stations and solar thermal power stations.



Chemicals and petrochemicals

We supply and manufacture valves for use in gas and purification plants, storage facilities and PSA generators, as well as for air pollution control systems.



Pipelines

SE supplies gate valves, ball valves, valves and other components for oil, gas and water pipelines, pumping stations and tank farms, and manufactures special designs, both manually operated and automated.



OEM original equipment manufacturers

We supply our valves and services to customers in the steel industry and in the field of compressors, turbines and boiler systems.



Clean energies

Valves for the energy transition e.g. in hydrogen plants, in the production of eFuels, carbon capture plants.

We operate globally from two locations, Dortmund and Zwenkau

Siekmann Econosto develops, modifies and supplies a comprehensive portfolio of industrial valves in accordance with international regulations and the highest standards, with guaranteed availability.

Headquarters in Dortmund

Central functions such as strategic corporate development, marketing, finance, controlling, IT, QM, product management and project management are located here.

Supplier relationship management

Regular data exchange between customers and manufacturers, supplier scouting, supplier evaluation and supplier review form the basis for our successful cooperation.



Global project business: EPC - Engineering, Procurement and Construction

Siekmann Econosto develops optimised solutions based on customer specifications using a holistic business model for industrial valves.

International project business in plant engineering

With a focus on 100% accuracy, we systematically organise every project business (EPC: engineering, procurement and construction). The project management team takes responsibility for all process steps and handles order processing and utilises the resources of the organisational units.

We develop a quality plan and document the entire process using our document management system (DMS) to ensure a cost-efficient, sustainable supply of required parts for at least 10 years.



Bild: BREVIK NORCEM, CCS-Technologie für die Zementproduktion, © by Brevik CCS: 20220523-co2fangst-0857

One of the largest valve warehouses in Europe with over 50,000 valves in stock

High stock levels guarantee short-term availability.

Zwenkau branch

We supply the entire range of valve types in accordance with DIN and ASME standards. We work with a global network of leading manufacturers.

Our production facility is located in Zwenkau near Leipzig and is equipped with machining technology and all the necessary assembly and testing equipment, including mobile service units. Our qualified employees can implement non-standard valve requirements, such as the installation of actuators and accessories, as well as cleaning valves for highly sensitive applications in the oxygen sector. Service teams with mobile special tools for repairs, inspections and other services are located on site.

We offer sustainable, global services. Deliveries within **24 hours** in urgent cases. Document management system for archiving of all project steps and the products used for a customer-specific range of spare parts.

Key facts

- › 50,000 valves
- › Cleaning for use in oxygen
- › Hydrogen valves
- › Automation
- › Pressure/leak testing
- › Non-destructive testing
- › Inspections
- › On-site support team



Thanks to the stock enquiry function on our website, you can check the availability of your desired product online.



Maintenance business: MRO Maintenance, repair and operation

In order to meet the maintenance needs of international plant operators to the highest degree, we guarantee worldwide deliveries.



- › Gate valves
- › Globe valves
- › Check valves
- › Ball valves
- › Butterfly valves
- › Safety valves
- › Control valves
- › Special valves
- › Actuators
- › Strainers
- › Sight glasses
- › Steam traps

Standards: ASME, API, EN, DIN, AD 2000

Materials: carbon steel, stainless steel, Hastelloy, alloy steels

Nominal diameter range: DN 15-2400 / NPS 1/2"-96"

Pressure ranges: PN 10-640 / CL 150-4500



We clean standard valves for use in highly sensitive oxygen environments. In a defined process, in our clean room with special equipment, we achieve the highest level of cleanliness in accordance with customer and regulatory requirements, e.g. for use in air separation plants or electrolysers.

We make the energy transition affordable, reliable and sustainable.



Find out more...
Simply scan the
QR code



Stories of mission zero – worldwide

Change is coming through innovative and economic Technologies. – We make the energy transition affordable.

Our mission – Clean Energy

Together, we can enable the transition to more environmentally friendly industries and take responsibility for protecting our planet. Promoting projects and ideas that revolutionise the preservation of our environment, industry and everyday life. Siekmann Econosto is proud to support major international projects with products that create the conditions for a sustainable hydrogen cycle, innovative recycling concepts and efficient use of resources.

Our claim: Let's make clean energy sustainable and affordable.

Our reference projects:

- › **Haru Oni: Electrolysis:** Green Hydrogen, Synthetic Fuels (Chile)
- › **Rotterdam H2U:** Hydrogen Production, SMR Process (The Netherlands)
- › **BorsodChem:** Hydrogen Production, SMR Process (Hungary)
- › **BioCoPro:** Bio-Oil Co-Processing, Biofuels (Austria)
- › **Brevik Norcem:** Carbon Capture and Storage (Norway)
- › **Neom:** Electrolysis, Green Hydrogen (Saudi Arabia)
- › **Oberhausen Trailblazer:** Electrolysis, Green Hydrogen (Germany)
- › **Qafco VII:** Blue Ammonia (Qatar)
- › **Nederland H2:** Blue Hydrogen, SMR Process, Carbon Capture (U.S. Gulf Coast)
- › **BorWin 6:** Wind power, HVDC grid connection systems (German North Sea)

Hydrogen #WeKnowHow

In order to reap all the benefits of hydrogen as a climate-friendly energy source, valves are needed that can cope with all the critical aspects of this demanding medium. Siekmann Econosto has the technological expertise and supplies valves that must withstand quality tests under extreme conditions.

Product Range

Standards: DIN, AD 2000, ASME, API, BS, JIS, AFNOR

Connection variants: flanges, weld-in ends, weld sockets, threaded sockets, special connections

Certification: ISO 9001, PED 2014/68/EU, AD2000-HP0/ -W0, API- & ISO regulations

		Nominal diameter			Nominal pressure		Options & variants					
		DN 15 - 50	DN 50 - 600	> DN 600	PN 10 - 100	PN 160 - 640	Automated valves (electric, pneumatic and hydraulic) Cryo (BS6364; ISO)	Bellows seal; TALuft & DIN EN ISO 15848	Heating jacket	Selfsealing housing seal	Bypass	Fire-safe (API 6FA, API 607, ISO 10497)
		NPS 1/2" - 2"	NPS 2" - 24"	> NPS 24"	CL 150 - 600	CL 600 - 4500						
Shut-off valves	Small forged gate valves	•				•	•	•	•			
	Cast gate valve		•	•		•	•	•	•	•	•	•
	Forged gate valve		•	•		•	•	•	•	•	•	
	Pipeline gate valve API 6D		•	•		•	•				•	
Shut-off valves	Forged shut-off valves	•	•	•		•	•	•	•	•	•	
	Cast shut-off valves	•	•	•		•	•	•	•	•	•	•
	Angle seat valves	•	•			•	•	•	•	•	•	
	3-way shut-off valves	•	•			•	•	•	•	•		
Non-return valves	Forged non-return valve	•				•	•					
	Clamp-in check valves	•	•			•	•		•	•		
	Check valves/flaps, forged	•	•	•		•	•		•	•		
	Casting check valves/flaps	•	•	•		•	•		•			
Ball valves	Ball valves ≤ PN 40, one-piece/two-piece, soft sealing	•	•			•		•	•			•
	3-way ball valves	•	•			•		•				
	Split body ball valves	•	•	•		•	•				•	•
	Fully welded ball valves	•	•	•		•	•				•	•
	Ball valves with metallic seals	•	•	•		•	•				•	•
	Ball valves Top entry		•	•		•	•				•	•
Shut-off valves	Butterfly valves, centric	•	•	•		•		•	•			
	Butterfly valves, double eccentric		•	•		•		•	•			•
	Butterfly valves, triple eccentric		•	•		•		•	•			•
Special valves	Pigable valves		•	•		•	•					
	Sludge valves	•				•	•					
	Nozzle check valves	•	•	•		•	•		•			
	Safety valves	•	•	•		•	•		•	•		
	Sight glasses	•	•	•		•			•			
	Condensate drain	•	•			•						
	Dirt trap	•	•	•		•	•			•		
	Control valves	•	•	•		•	•		•	•		•

Key facts SE

Complete solutions for your valve requirements. We implement complete solutions based on a holistic management strategy for optimised, smooth and sustainable project execution with the highest quality standards. A large valve warehouse guarantees fast availability.

Founded
1957
Headquarters
Dortmund, Germany



€ 45+
million

Annual
turnover

600+

Blue Chips
customers

75
Employees



50,000
Valves
in Stock

1,100+
Projects
worldwide

Certification



Locations

Dortmund,
Germany



Zwenkau,
Germany



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