

ENGINEERING
GROUP

IBS

SLZ

DEVELOPMENT,
CONSTRUCTION,
MANUFACTURE AND
DOCUMENTATION
FROM A SINGLE
SOURCE

25
YEARS
ANNIVERSARY

Dear readers,

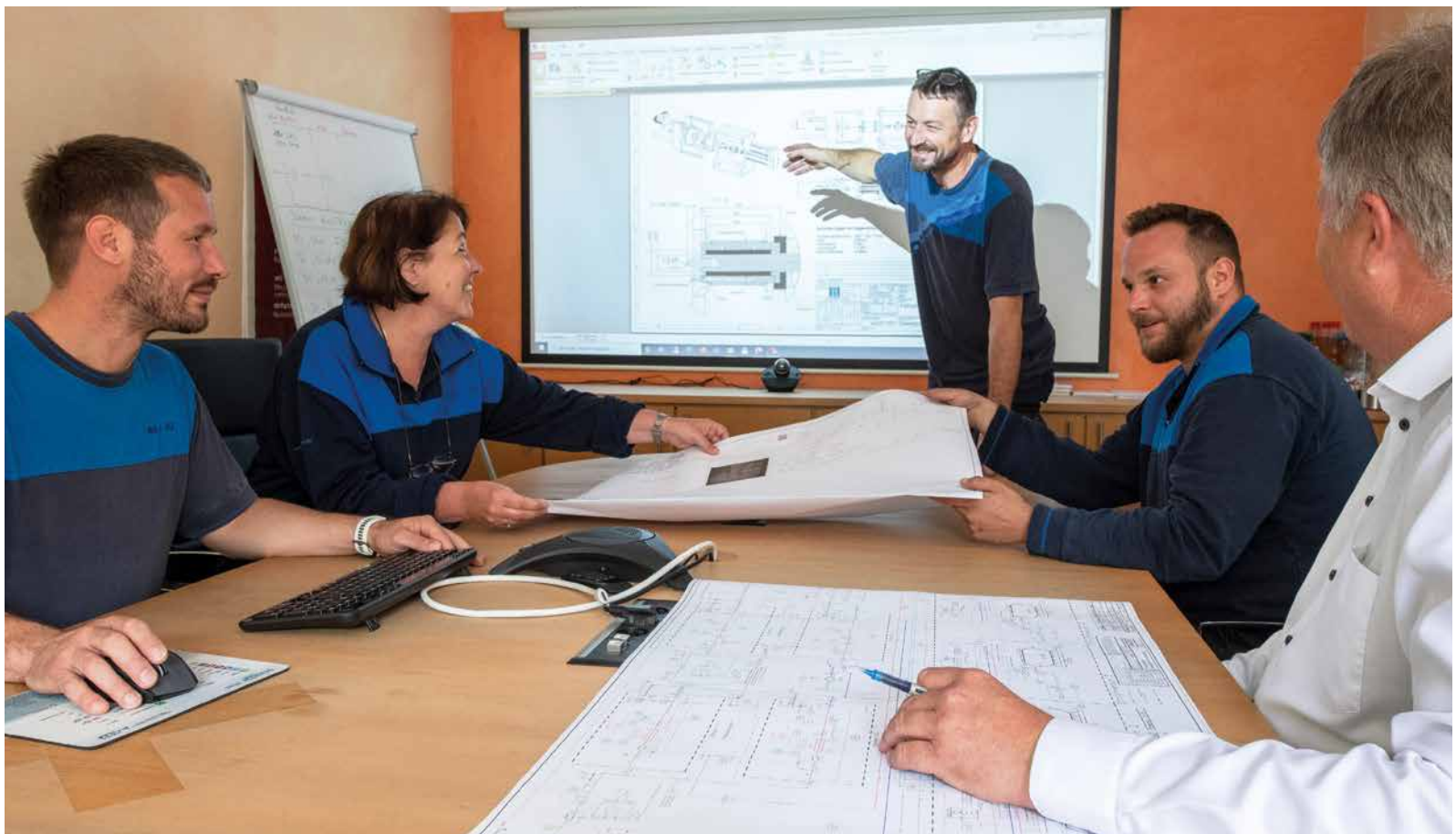
SLZ-Maschinenbau GmbH was founded in 1996 in addition to Ingenieurbüro Schönfelder in order to develop and manufacture machines and special machines under the name ENGINEERING GROUP IBS/SLZ. This strong alliance has made us efficient partners with the expertise to meet complex customer requirements on time and in top quality. From A to Z.

Whether development, design, manufacture or technical documentation – we are sought-after specialists in machine, special machine and prototype construction due to our expertise. We are always at your side as a reliable partner: from launch to completion of the project. Our state-of-the-art CNC machinery combined with experienced manufacturing specialists enables us to produce even the most demanding special designs. We also take care of electric development and the construction of electrical control cabinets in tested quality. Speaking of tested quality: Our in-house quality assurance guarantees a continuous and accurate production. Moreover, our customers appreciate the possibility to receive litigation-proof technical documentation including CE certification for the ordered machine.

In short: SLZ-Maschinenbau GmbH provides you with one-stop services from A to Z, perfectly tailored to your industry-specific needs. Just get in touch with us!



Anton Martin Schönfelder
Management



OUR MILESTONES

1988

Anton Schönfelder founds his own engineering office, Ingenieurbüro Schönfelder (IBS). Soon, he hires other design engineers, manufacturing specialists, fitters, and electricians.

1996

Sales and marketing specialist Ing. Anton Schönfelder, construction specialist Ralf Lang and manufacturing specialist Dipl.-Ing. Matthias Zundel decide to join forces. From now on, Ingenieurbüro Schönfelder and SLZ-Maschinenbau GmbH establish a reputation as ENGINEERING GROUP IBS/SLZ.

HEUTE

Around 62 employees work for ENGINEERING GROUP IBS/SLZ and support a global customer base from a variety of sectors.



25 years
ENGINEERING GROUP IBS/SLZ
We believe that a company's success depends on the people who keep it running! We proudly look back on our successful company history of the past 25 years to which our committed team of experts has contributed significantly.



INNOVATION AND KNOW-HOW FOR YOUR SUCCESS



Development and construction –innovative and sophisticated

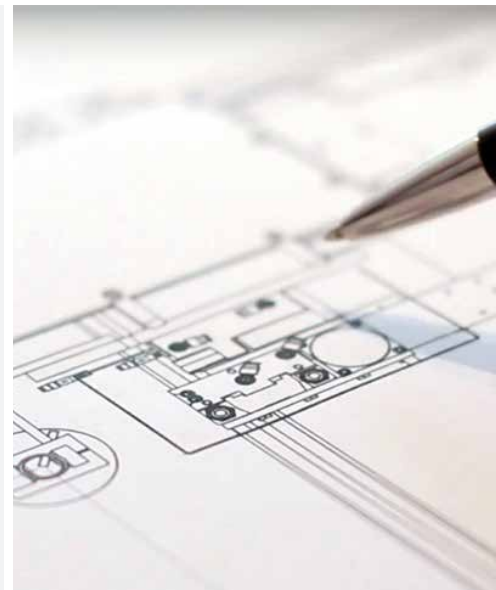
We see ourselves as a partner at your side, from initial consultation to final commissioning and assembly! Quality, innovation, precision, and functionality are our top priorities. Thanks to our many years of experience as well as our professional expertise, we ensure to meet industry-specific customer requirements since our customers' needs are just as different as the sectors in which they operate.

In order to keep pace with technological change in times of Industry 4.0 and digitization, we are continuously investing in automation and software that allows us to rationally develop and produce plants and machines. Optimal production conditions and innovative technology, handled by experienced machine designers, enable us to develop machines and electronics that withstand the most complex demands.

Because quality is not a coincidence!

Our team consists of more than 60 highly qualified mechanical and electrical engineers as well as engineering draftsmen. Driven by motivation and innovative spirit, they develop construction plans on a daily basis to create machine designs. These machine designs meet the most exceptional requirements of high-quality special machine construction as they are thought out to the last detail.

No matter how you take advantage of our portfolio, you'll get our services from a single source: development, design, production, risk assessment, documentation and CE certification. You'll benefit from mechanical and electrical engineering that is fully tailored to your needs. In the end, you'll get a certified product so that you do not have to worry about your competitiveness!



WE THANK OUR PARTNERS.



Ihre Lösung aus Edelstahl - nach Maß - solide - hygienisch - langlebig

Konstruktionen passgenau nach Kundenwunsch:

- Blechteile
- Kantteile
- Zulieferteile
- Schweißkonstruktionen
- Einzelteilfertigung
- Serienteilfertigung

Wiedemann GmbH
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OPTIMAL PRODUCTION CONDITIONS FOR OPTIMAL RESULTS



You are our benchmark

Our work results at the highest quality level are based on the combination of expertise in the field of development and construction and state-of-the-art CNC machinery. The latest CNC machines featuring 5-axis technology take over milling, turning, and grinding. Our CNC machinery is ideally complemented by our technical possibilities regarding welding and surface technology as well as sheet metal forming. These factors allow us to offer you a convincing full-service package in terms of quality and price-performance ratio.

Our manufacturing expertise at a glance:

- » CNC manufacturing
- » Turning and milling
- » Electrical engineering
- » Precision engineering
- » FEM analyses
- » Manufacturing of prototypes and special machines
- » Manufacturing of series and small batches
- » Machine and special machine development
- » Mechanical and electrical assembly
- » Quality assurance
- » Steel construction
- » Fixture construction

Our machinery at a glance:

Milling technology

- » ALZMETALL GS 1000/5 machining center
- » ALZMETALL GS 600/5-T machining center
- » ALZMETALL GS 800/3 machining center
- » ALZMETALL GS 800/5-T machining center
- » Quaser MV184P machining center
- » Quaser MV204V/12 machining center

Turning technology

- » CNC machining center Nakamura Tome 250 II with bar feeder
- » CNC lathe with 12-fold turret and driven tools
- » CNC lathe with 12-fold turret
- » CNC cycle lathe Chevalier FCL-1840H



WE THANK OUR PARTNERS.

Hommel

CNC-WERKZEUGMASCHINEN

CNC-WERKZEUGMASCHINEN, AUTOMATION, 360°-SERVICE UND MEHR



www.hommel-gruppe.de

PROFESSIONALS AT WORK

From mechanical ...

State-of-the-art assembly technology, combined with a lot of attention to detail, forms the basis for the highest possible precision in the implementation of assembly work at SLZ-Maschinenbau GmbH. Regular training and education measures ensure our technical expertise.

Short communication paths between developers and fitters enable us to achieve optimal results without time loss.



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... to electrical assembly

We are your experts in the development and assembly of control cabinets as well as electrical components. Meeting the US standard UL 508A for the construction of control cabinets is just as important to us as adherence to schedules, customer satisfaction and cost efficiency.

Our well-coordinated team of qualified electricians, engineers and fitters offers you a comprehensive worry-free package – from standard shape and special shape to control cabinets that withstand extreme climatic conditions. Whether control cabinet assembly or field wiring: We supply modern electrical engineering in optimal construction quality and guarantee adherence to schedules.



WE THANK OUR PARTNERS.



>> Gut verpackt auf Maß kommt an.

- > Exportverpackungen individuell auf Maß bis 120 Tonnen Gewicht
- > Verpacken vor Ort bei Ihnen oder im Verpackungszentrum in Heidenheim a.d. Brenz
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von den
Experten



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ONE CONTACT FOR EVERYTHING

Documentation

With the expansion of the legal framework in the area of product liability, the requirements for documentation have increased significantly. We prepare compliance documents for you, including risk assessment and CE certification. Our documentation specialists generate graphic content for product communication and technical illustration from existing CAD files, which is not only visually appealing but also attractively priced due to the use of specific graphics software.

In accordance with legal requirements, you'll receive a litigation-proof instruction manual with high-quality graphics that describes the entire life cycle of the manufactured machine as well as all areas of application. Upon request, we also complement the certificates required by law with customer-specific documents.

Risk assessment

Legally compliant risk assessment plays a central role in this and, together with the CE certification, forms the basis for a litigation-proof instruction manual. In addition, there are several other documents required by law. Of course, we also create these documents for you. This comprehensive certification guarantees the highest possible machine safety, which is certified in a legally binding manner.

CE certification

We are your contact for all matters related to CE certification. The combination of risk assessment and CE certification helps you prove compliance with the legal safety requirements according to EU directives. Whether new certification or updating of documents that are no longer in accordance with the law: We update your CE certification to a current, litigation-proof status within just a few working days.



QUALITY ASSURANCE



Because quality is our standard

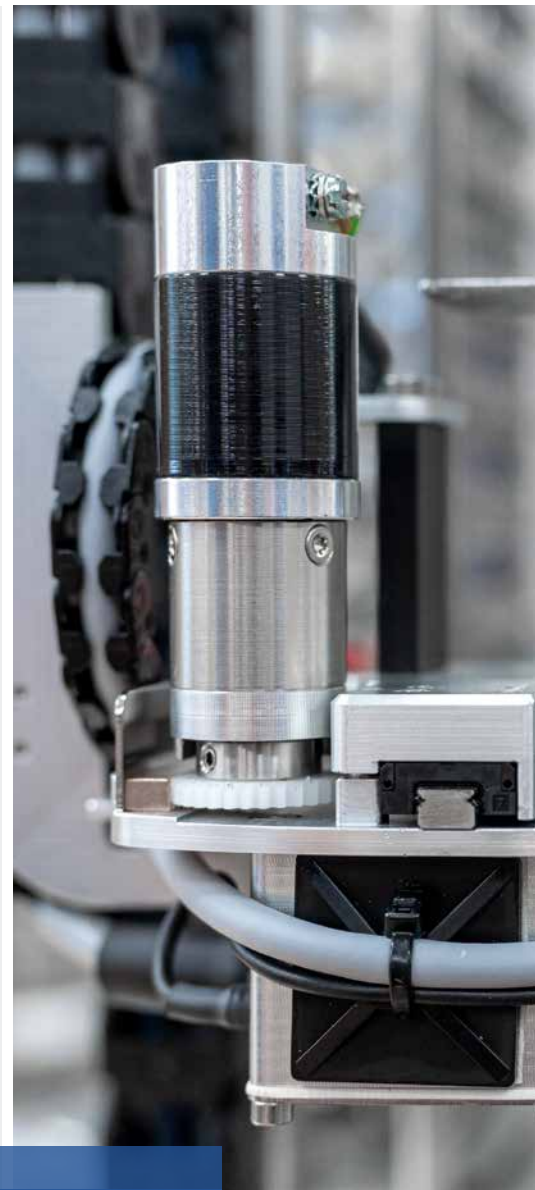
Continuous quality assurance is our top priority when it comes to our products. Because it is not enough to develop and manufacture machines of the highest quality. Quality must be maintained throughout the entire development cycle until delivery. Therefore, manufactured components are constantly controlled by means of optical and mechanical testing and measuring procedures during the production process. A 3D measuring machine ensures sound test results. Finally, an initial sample test report completes the quality assurance.



PROTOTYPE CONSTRUCTION

At home in all sectors

Whether capacity expansion or new operating concepts: Take advantage of our development experience in prototype construction to accelerate your processes. Various processes enable us to meet even the most complex customer requirements. It is our top priority to implement your idea from the design to the finished prototype with respect to efficiency and quality. We not only take care of the technical processing, but subsequently also of the documentation and CE certification of the prototypes developed by us.



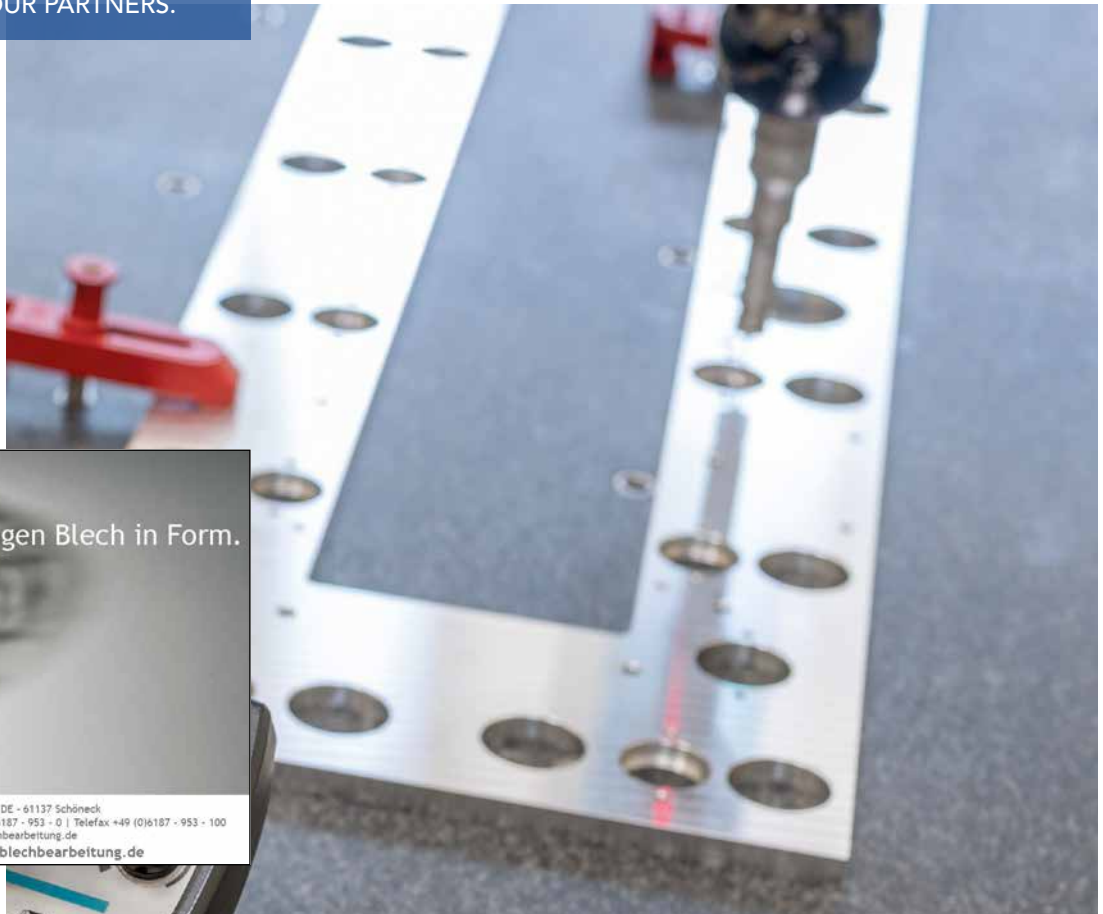


RANGE OF INDUSTRIES

We have been working for the technical industry for many years and with great success, including the following sectors:

- » Laboratory technology
- » Medical technology
- » Food and filling industry
- » Special machine construction (design and manufacturing)
- » Equipment manufacturing and fixture construction
- » High-voltage technology
- » Power plant technology
- » Contract manufacturing
- » Solar technology
- » Steel construction
- » Tool and mold making (automotive)

WE THANK OUR PARTNERS.



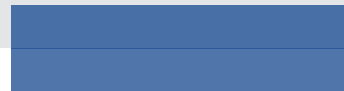
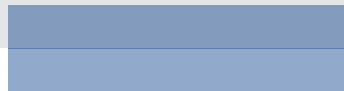
Wir bringen Blech in Form.

HOCO Blechbearbeitung

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info@hoco-blechbearbeitung.de
www.hoco-blechbearbeitung.de

DEVELOPMENT AND CONSTRUCTION OF LABORATORY MACHINES

Our customers appreciate our reliability – and we are proud of our customers' trust in us. The demand for laboratory machines and equipment is continuously increasing and their areas of application are growing: from the production of vaccines to the production of animal protein. Not least because of our development resources, we have had and continue to have the opportunity to realize a large number of international projects in the field of laboratory machine development and construction.



YOU ARE OUR BEST REFERENCE!

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ELECTRON CORPORATION

poly-clip
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