



The supplier and service partner
for the machine building industry.



The Company

The Schweiger Company - The supplier and service partner for the machine building industry.



Albert Schweiger



Dr. Christoph Schweiger

History

The Schweiger Group looks back on more than 30 years of company history. Albert Schweiger, the founder, in 1982 initially focused mainly on the sale of spare parts for the electric automation industry. Then, with the new orientation on machinery and plant engineering and the consequent expansion of the service portfolio, a development started that time and again caught the attention of the media. The distribution of components is still a cornerstone of the company's business today. In 1994, cable assembly was introduced as an area of operations. What started as simple manufacturing, is today a core element in a heavily expanding full service machine installation business area at the sites Weil im Schönbuch,

Holzgerlingen (BW) and Sauerlach (BY). Since 2005, Schweiger has produced complex electrical, mechanical and mechatronic systems assemblies as an outsourcing partner, provided engineering services and offered personnel support reaching from machine installation and plant engineering to start-up operations. In 1997, the company's headquarters moved into its new premises in Sauerlach, south of Munich. In 2006 and 2012, additional production facilities were added to the company's headquarters. Today, the Schweiger Group is considered an established supplier and service provider in the machine engineering sector.



A. Schweiger GmbH,
Sauerlach near Munich



Another production site of the
Schweiger GmbH,
Sauerlach near Munich



Schweiger Montage GmbH,
Sauerlach near Munich



Schweiger Produktion GmbH,
Weil im Schönbuch

The services: Schweiger - the supplier and service provider for the machine engineering industry

With its service portfolio in the machine engineering and automation industry, the Schweiger Group has conquered a unique market position. The company's services include the distribution of electrical and mechanical components, cable assembly, construction and production of complex system assemblies, machine maintenance and start-up operations - and this worldwide.

Worldwide presence

Today, after more than 30 years of permanent growth, the Schweiger Group operates worldwide. There are representations in European countries, in the USA and in Brazil, in China and in India. In Germany, Austria and in Switzerland, Schweiger is represented with its own staff.

Our culture

Besides a clear advocacy of „Germany as a production site“, a special corporate culture has developed at Schweiger. Built on traditional values such as honesty and respect, we innovatively follow customer requirements.

Tested quality

We are certified by the TÜV Saarland on an annual basis. All company divisions are certified under DIN EN ISO 9001:2008. Accordingly, transparent processes, documented test methods and continuous maintenance as well as permanent development of the quality management are a matter of course for Schweiger. We test certain production series according to DIN EN 61984. The production of these products is subject to annual manufacturing site monitoring by the VDE.



Our position

Our technical and logistic competence in tool machine engineering, documented by numerous passed audits, has made us an established partner for cable assembly, systems assembly services, engineering and installation. Also in the new business areas, such as tool engineering, we put great emphasis on technical competence and close cooperation with customers.

Our success with the Schweiger Group is based on the following:

- Technical competence and competent expert knowledge in support
- In-depth knowledge of the industry when it comes to technical distribution
- Defined processes in our secured quality system
- Selected manufacturers to ensure the best quality of the products
- Short delivery periods due to keeping a large stock
- Adherence to deadlines thanks to modern IT and secured-processes
- Efficient handling for best sales conditions
- Comprehensive product and service program
- Innovation leadership in services in the area of system solutions for machine engineering

Our representations



Our 4 areas of operations

CONNECTION TECHNOLOGY



Since the 1990s, cable assembly has been one of our main areas of operations. Our strengths are in machine installation, in particular axis cabling. We are manufacturers of the EcoMolded product series, delivering innovative solutions for axis cabling of all common drive manufacturers with cutting edge technology. With the shortest production flows, we produce ca. 80% of our products customized and just-in-time, starting from a badge size of 1 piece at the Baden-Württemberg site; and the most in the form of cable harnesses. For years, we have been OEM's for leading drive manufacturers.

At Schweiger, you receive your solution in a quick and competent manner.

SYSTEM SERVICES IBS



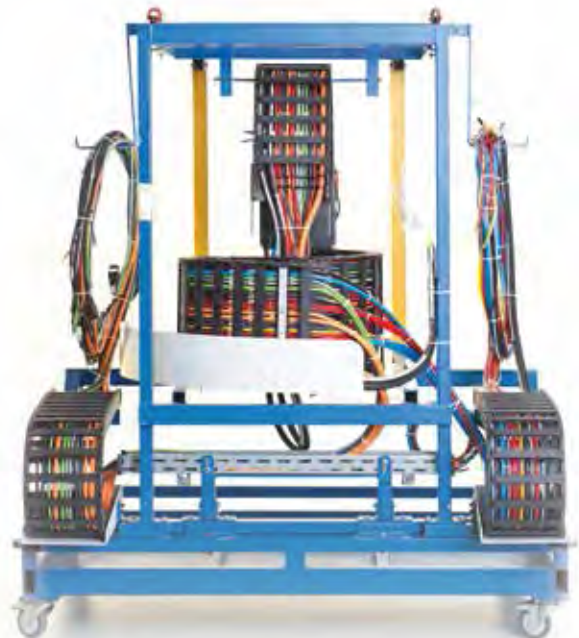
As a production-oriented service supplier, we offer a broad range of services for the machine engineering industry. For a long time now, buying materials and components at the best possible price is not enough anymore. Modern, customized and extremely flexible services are demanded.

The name of our solution is "Schweiger IBS".

We manufacture complex electrical, mechanical and mechatronic system assemblies, provide construction and development services and organize deployments of our onsite assembly teams.

- Electrical and mechanical construction and development
- Installation of electrical, mechanical and mechatronic assemblies
- Onsite installation teams (reconstruction/maintenance activities, installation support, SPS programming, start-up operations, etc.)

Schweiger IBS offers tomorrow's system supplier services today.



VISUALIZATION TECHNOLOGY



The modern possibilities for process visualization allow the user simple, quick and secure control without having to be an expert in the area of software utilization.

Schweiger's competence focuses especially on applications in industrial environments. Together with our customers, we select industry standard monitors, plan and configure complex visualization systems or develop new custom applications with host computers and software from scratch. Our customers benefit from our wide range of services and our great effort for assured quality.

COMPONENTS AND TOOL ENGINEERING



Whenever required, we provide our customers with personal on-site support. We are always at your service. Our field representatives team comprises only professionals with indepth industry experience and technical training.

We maintain a well-stocked warehouse with currently ca. 90.000 items of more than 80 partners. This allows for the shortest delivery times and high flexibility with personalized handling.

Schweiger provides comprehensive services in the area of project planning, project design and customer-specific customizations. We construct and develop applicationspecific designs of new devices and special components for our customers.

What can we do for you?



EcoMOLDED[®]

by Schweiger

EcoMolded, the new engine connection system with molded plug-in connectors. In consultation with customers, Schweiger has developed a simple and cost-efficient connection system for servomotors. All common designs and pin layouts for power and signalling applications are available; this is both as a standard screw connection EcoMolded M23 and as a patented quick-lock system EcoMolded M23 Quick. Hence, types are per standard available for Siemens, Fanuc, SEW, Bosch/Rexroth, Beckhoff, B&R, Elau and for other applications as catalogue products.

Modern production technologies and a copious machine park, together with a well-stocked warehouse, make us quick, reliable and powerful. All products are subjected to 100% testing before leaving our house. We offer end-to-end traceability of the individual components used. Our experience allows us to deliver solutions within a short time period for the benefit of our customers, even for special applications. For years, we have been OEM suppliers of reputed drive manufacturers.

Overmolded axle cabling systems



Advantages of the overmolded axle cabling systems:

- Low cost
- Can be individually labelled with customer logo
- Short, sleek design
- Tamper-proof
- High degree of protection even before the molding process
- Tested in accordance with EN 61984 - VDE 0627
- VDE-monitored production site
- 360° EMC protection
- 30% weight reduction
- Smooth surface, no dirt traps
- Available for F&B in stainless steel
- Front gland available in different variations
- Use of UL-compliant materials
- Compatibility with M23 Quick-Lock
- Special variations on request



Industrial connectors, actor-, sensor connection technology and cable assembly

In Baden-Württemberg, near Böblingen, we run one of the largest assembly plants for signal and power cable assemblies. We are an OEM for major drive manufacturers as well as a valued supplier for the most popular machine tool companies. Besides our main field, axis and machine wiring, we manufacture a wide variety of cable assemblies for branches like instrument manufacturing, automotive, medical, etc.

With our state-of-the-art IT-system with a sophisticated detailplanning, together with our technically qualified staff with specialized training

and years of experience, we run our production on selected manufacturing sites for the shortest delivery times for individual customer needs. With our own trucks, we guarantee deliveries according to the schedules of our customers, even in KanBan, or just-in-sequence.

For 30 years now, we have been a competent connectivity partner in the field of industrial connectors, actuator-/sensor-connection systems and cable assembly.



Production hall of the Schweiger Produktion GmbH in Weil im Schönbuch

In the area of connectors, actuator-/sensor-connection systems and cable assembly, our product portfolio includes the products of the following manufacturers:



Efficiency through production-orientated supplier services

As a production-oriented service supplier, we offer a broad range of services for the machine engineering industry. For a long time now, buying materials and components at the best possible price is not enough anymore. Modern, customized and extremely flexible services are demanded.

The name of our solution is "Schweiger IBS".

We manufacture complex electric, mechanic and mechatronic assemblies, provide construction and development services, and organize deployments of our onsite installation teams. And this is done worldwide.

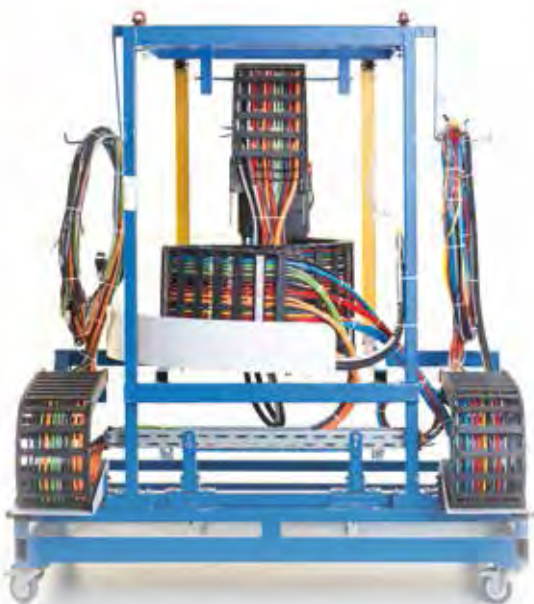
„Schweiger provides tomorrow's system supplier services today .“

References:

- Grob
- MAG
- Chiron
- Stama
- Heller
- Felsomat
- Index
- Traub
- EMAG
- Zimmermann
- Haas
- Zollern
- Weisser
- Liebherr

- Electrical and mechanical construction and development
- Installation of electrical, mechanical and mechatronic assemblies
- Onsite installation team (reconstructions/maintenances, installation support, SPS programming, start-up operations, etc.)

Schweiger IBS offers tomorrow's system supplier services today.

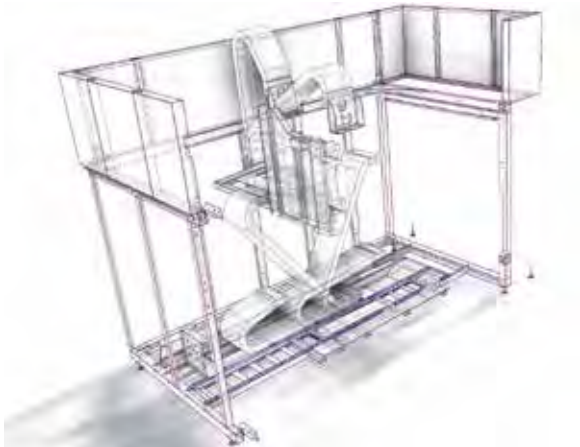


Our services:

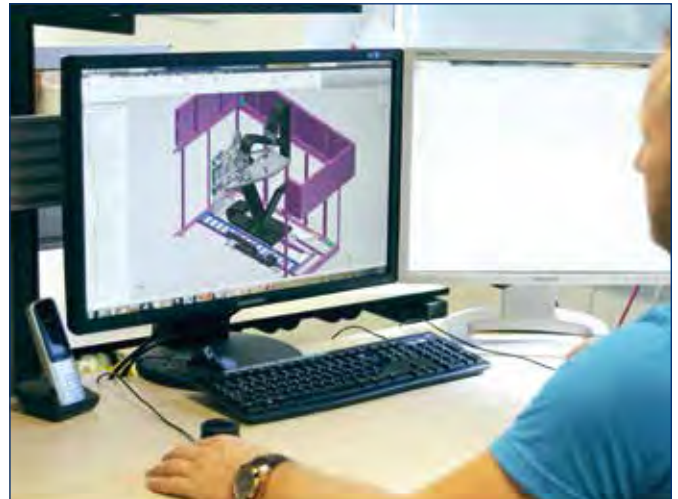
- Up-front financing of materials
- Minimisation of throughput times
- Reduction of inventories
- Complexity management to minimise administrative work
- Supplier management with expediting
- Warranties for the assemblies supplied
- Material handling with warehouse-based securing of availability
- Logistics services (JIS delivery, kanban, etc.)
- Extremely flexible, customised production with the shortest possible delivery times
- Our own team of fitters on your premises and on the construction site, start-up operations
- Design and development services
- Web-based information system for instant schedule and status overview

Construction and Development

We design and develop for our customers. A team of experienced colleagues takes care of a variety of services for our customers: from the detail design and testing of components via detailed construction to complete reconstruction of electrical, mechanical and mechatronic system assemblies.



Typically, the customer already involves us in the construction of prototypes. However, separate design and development contracts are also awarded to us.



Installation services

We provide onsite installation support. Our 50 on-site team members are all highly experienced professionals with electrical and / or mechanical training. We handle individually customized tasks from machinery-cleaning to the final acceptance of production facilities.

Each assembly work begins with a detailed analysis of work content and materials, as well as the joint drawing up of an individually

tailored service package. According to the engineering and quality requirements of our customers, our specialized service teams install individual components or entire plants and machinery. This takes place either at the location of our customers ("in-house assembly") in our own assembly halls („extended workbench") or at the customers' sites ("extradition and on-site installation") – and this is done worldwide.



Our installation team

Our services:

- Machine installation
- Start-up
- Maintenance and service
- Cleaning (with CO2 dry ice cleaning)
- Reconstructions
- Retrofit Rollout
- Tests and releases
- Repairs
- Production support
- SPS programming

The modern possibilities for process visualization allow the user simple, quick and secure control without having to be an expert in the area of software utilization. With these modern tools the control and the monitoring of complex processes is many times more efficient, faster and more reliable, as information is available in a simple form, and the intervention is extremely facilitated.

Schweiger's competence focuses especially on applications in industrial environments. Together with our customers, we select industry standard monitors, plan and configure complex visualization systems or develop new custom applications with host computers and software from scratch. Our customers benefit from our wide range of services and our great effort for assured quality.



Custom production

Nothing in the industry is plug-and-play. The available supply of standard equipment is, for most customers, insufficient. Whether it be small changes to the mechanical components or the development of new equipments, with us the customer gets the solution for his application. 80% of our visualization applications are customized!

We select the components and present you with a visualization solution according to your requirements. We also create completely new developments including mechanical and electronic components. We deliver custom supply starting from batch size 1 piece.



Our services:

- Project consulting for customized visualization tasks
- Individual solutions for Digital Signage
- TFT displays in all versions
- Industrial computers in all versions
- Keyboards and mice
- Industrial Ethernet
- Brackets and stands
- Complete cabling systems



Application-specific special solutions:

As production specialist, we design and create sophisticated applications for customer-specific applications.

- Industrial computers in sizes from 10,4" to 65"
- Touchscreen interfaces
- CRT replacement solutions
- IP66 monitors
- Warranty up to 5 years
- Stock management

Industrial monitors and computers (IPC's) from 5,7" to 65"

<p>Case monitors with or without touch</p>  <p>From plastic with removable stand and VESA bracket on the back side</p>	<p>Open Frame monitors and IPC's</p>  <p>In metal case for backside installation in, for example, own housings, interfaces, switch boxes.</p>	<p>Chassis monitors and IPC's</p>  <p>In metal case with VESA bracket on the back side</p>
<p>Chassis Mount monitors and IPC's</p>  <p>In metal case with VESA bracket on the back side. Front side flange for wall mounting or for installation.</p>	<p>Panel Mount monitors and IPC's</p>  <p>In metal case for front side installation in, for example, own housing, interfaces, switch boxes.</p>	<p>Rack Mount monitors and IPC's</p>  <p>In metal case for installation in 19" racks with handles on the sides.</p>
<p>Stainless steel monitors and IPC's</p>  <p>In stainless steel case with VESA bracket on the back side</p>	<p>Water-protected monitors and IPC's (IP65 front side)</p>  <p>In metal case with VESA bracket on the back side.</p>	<p>Water-protected monitors and IPC's (IP66 circular)</p>  <p>In stainless steel case completely sealed with VESA bracket on the back side</p>

Components and tool building

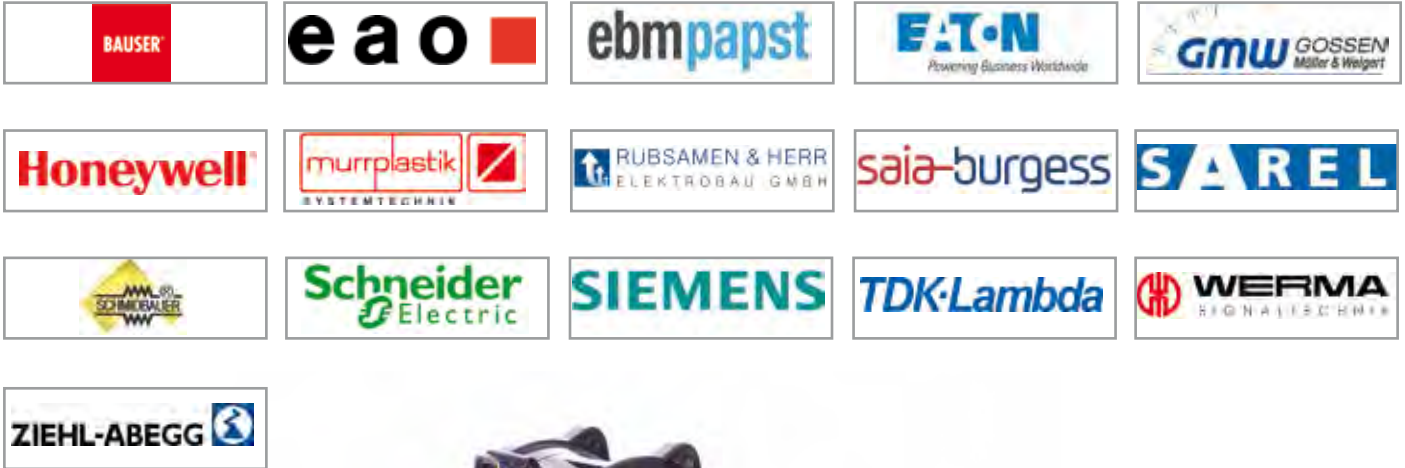
Electric automation technology

We maintain a well-stocked warehouse with currently ca. 90.000 items of more than 80 partners. This allows for the shortest delivery times and high flexibility with individual handling. Whenever required, we provide our customers with personal onsite support. We are always at your service. Our sales representatives team comprises, without exception, only experienced industry professionals with technological qualification.

Schweiger delivers comprehensive services in the area of project planning and design and custom modifications. For our customers, we create and develop application-specific versions of new equipments and special components.

What can we do for you?

Linecard field switch board



Linecard field automation
























Tooling and clamping technique

We are partners of the tool machine industry. With an experienced team, we deliver technical competence in the support and counseling around the tool engineering technology.




Any questions? Then call us and learn more about our mechanics program for machine equipment.

Our service program in the field of tool and clamping technology:

Machining	Turning				
	Milling				
	Drilling				
	Thread cutting				
	Countersinking				
	Reaming				
	Deep-hole drilling				
	Special tools				



Tool holding and work holding	Lathe chucks			
	HSK/SK tool holders			
	Collets/clamping heads			
	VDI-tools holders			
	Vices / multiple clamping systems			
	Driven tools			
	special clamping equipment			

Repairs	Driven tools			
	Tipped tools - tool repairs			
	Re-sharpening			



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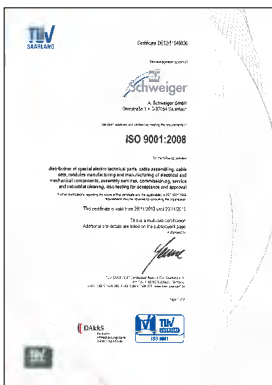
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