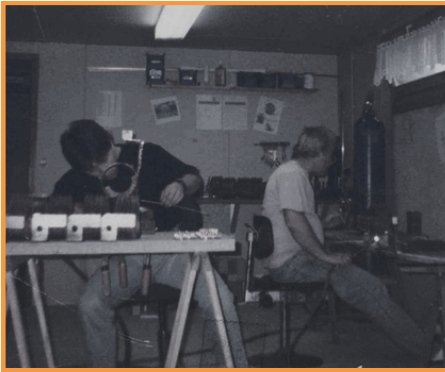





YOUR SPECIALIST FOR HIGH-QUALITY MECHANICAL PARTS.
COMPETENCE - FROM A SINGLE SOURCE!

History

Experienced. Reliable. Innovative.

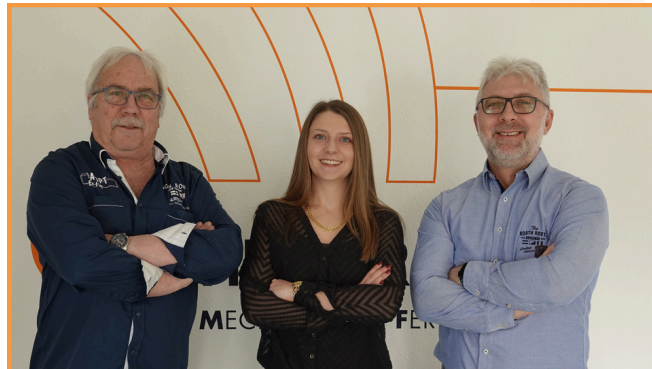


 *From a basement to a successful medium-sized family business in its third generation – that is our history. Since 1996, we have been combining traditional craftsmanship with the latest technology.* As a contract manufacturer, we produce products tailored to the specific needs of our customers. Through continuous development, we always guarantee you the best manufacturing options.



At a glance:

- Foundation: 1996 France
- Relocation: 2003 Germany
- Employees: 20
- Manufacturing area: 1200 qm



Our services:

- Soft and hard soldering
- CNC milling and CNC drilling
- Coil and inductor manufacturing
- Component assembly
- Bending work
- Component production

CONVINCING WITH CUSTOMIZED WORK - RIGHT FROM THE START.

MF stands for our core competence: mechanical manufacturing. In this specialized field, we have been an experienced, reliable, and innovative partner for the industry for many years. The central guiding principle of our work is: We are your experienced specialist for high-quality mechanical parts. No order is too small for us, and hardly any challenge is too great. Your ideas and specifications are at the center of our focus. We find the ways, solutions, and the optimum.



CONSISTENT. UNCOMPROMISING. HIGHEST QUALITY.

For us, quality means doing everything right from the start. Our solutions and services, our products and processes are based on recognized standards, your requirements, our knowledge and our many years of experience.

POWERFUL PARTNER OF INDUSTRY.

Recognize requirements, develop ideas, create solutions. You define the standards, and we provide you with tailored solutions – all from a single source and under one roof, from the initial manufacturing sketch through all production steps to timely shipping. With us, you can rely on friendly and competent advice, consistently above-average manufacturing quality, and excellent service.








EXPERTISE - FROM A SINGLE SOURCE.

Best possible advice, years of experience, a modern machine park – and of course, our qualified employees:

This is our recipe for the successful and rapid realization of your ideas and requirements. We provide tailored solutions precisely according to your specifications. Whether it's a prototype or a series, high-tech manufacturing or traditional craftsmanship – you will receive everything from a single source with us. Our range of services includes contract manufacturing, the production of custom and series parts, as well as complete mechanical assemblies with a high degree of complexity. Benefit from our consulting, comprehensive service, and high quality.

Challenge us – we look forward to impressing you!

OUR SERVICES

-  Technology consulting and know-how transfer
-  Milling | Bending | Hard/Soft soldering
-  Bead blast cleaning
-  Assembly of components
-  Recorded pressure testing

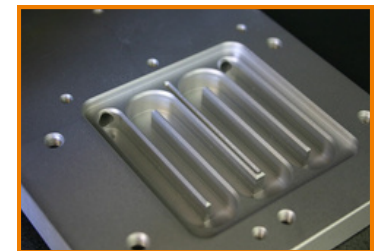
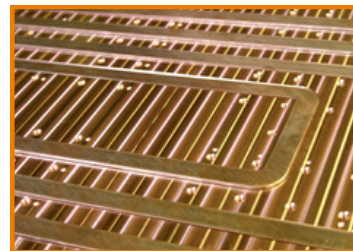
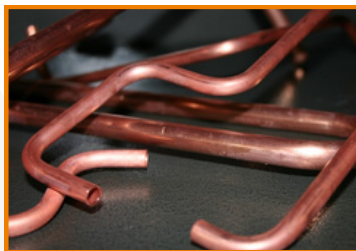
OUR MATERIALS

Metals:

-  VA-Steel
-  Steel
-  Copper
-  Brass
-  Aluminum

Plastics:

-  Delrin
-  Teflon
-  HGW
-  PVC





INDUCTOR MANUFACTURING

OUR CORE COMPETENCE. YOUR COMPETITIVE ADVANTAGE.

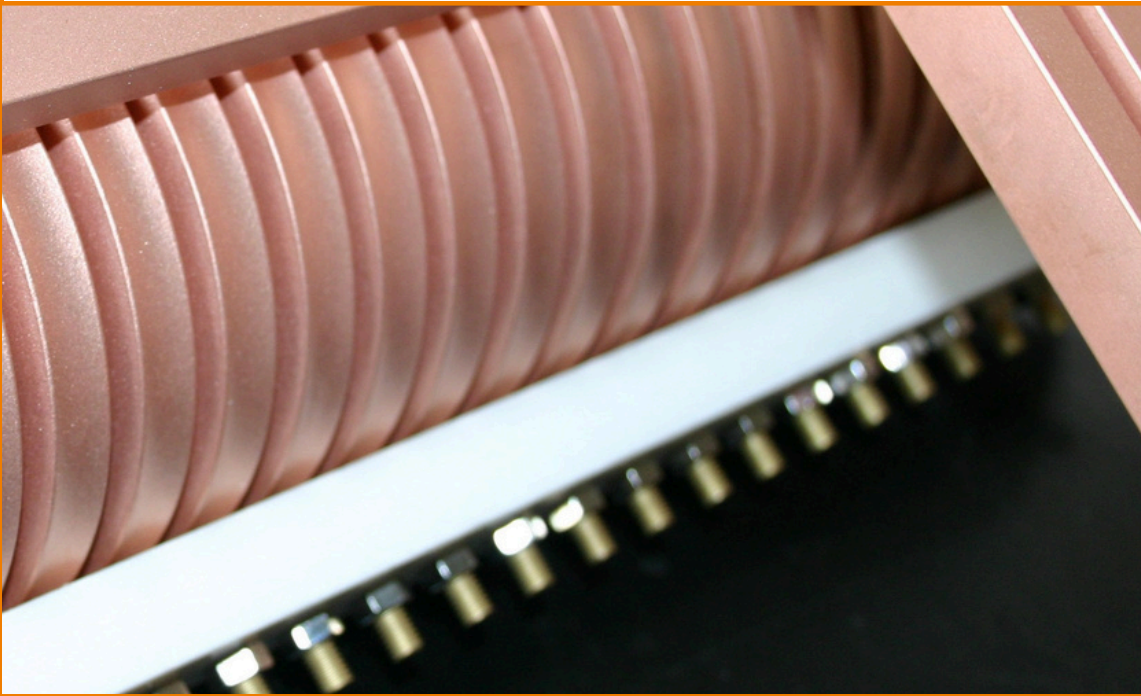
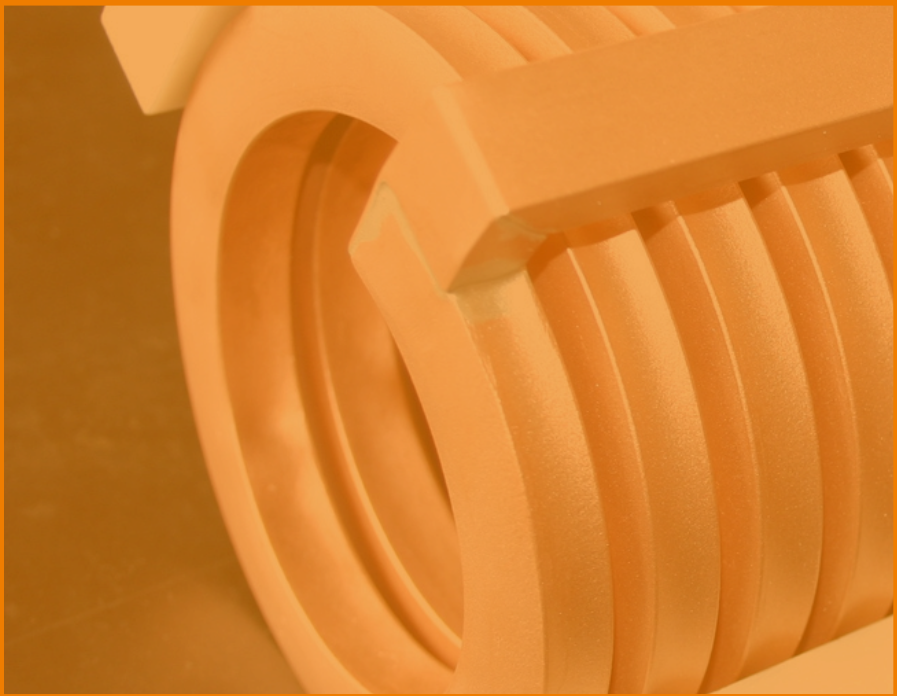
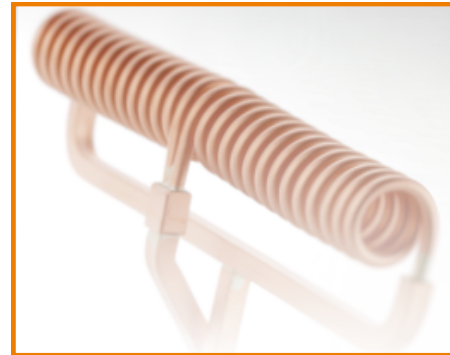
Inductors must always be precisely tailored and optimized for the respective process. Rely on our experience and expertise!



We manufacture and repair your inductors - according to your specific requirements.

Our inductors impress with their precise production, optimum service life and high efficiency.

From prototype to series production, we are happy to assist you with our expertise.





FLAT BAR BENDING

Our bending machine with manual stop system offers us the flexibility to precisely bend and straighten various flat materials. Whether for individual or series production — thanks to our diverse tooling solutions, we have numerous bending options available in metalworking. **Trust in our expertise for tailored solutions!**



OUR BENDING CENTER: EVEN FOR LARGE DIMENSIONS.

Versatile applications, high precision and consistent results, minimal setup times: Our bending center Stierli-Bieger 300 NC impresses with its enormous performance and efficiency. Die The generously sized work plate allows for the placement of very large bending parts. Additionally, the tool height of 200 mm and the robust bolt ensure versatile use. For bending, we use tools that are equipped with a quick-change system

Working pressure	300 kN / 30 to
Tool height	200 mm
Stroke length	0 - 300 mm
measuring length stop	1000 2000 mm
Measuring accuracy	+/- 0.1 mm
Program memory	200 Program à 10
	Bending sets Flat
Bending capacity	200/16 mm
Tube bending	G-Rohr 3/8"- 2"
Motor power	4.0 kW
Speed	0.6 m/min





TUBE BENDING

Discover the possibilities of our mandrel bending machine! It enables fast, simple and repeatable bending of tubes and solid materials. Even complex geometries can be produced precisely and economically. With the automatic bar feed, we manufacture high-precision series efficiently and reliably. **Let our innovative bending technology inspire you!**

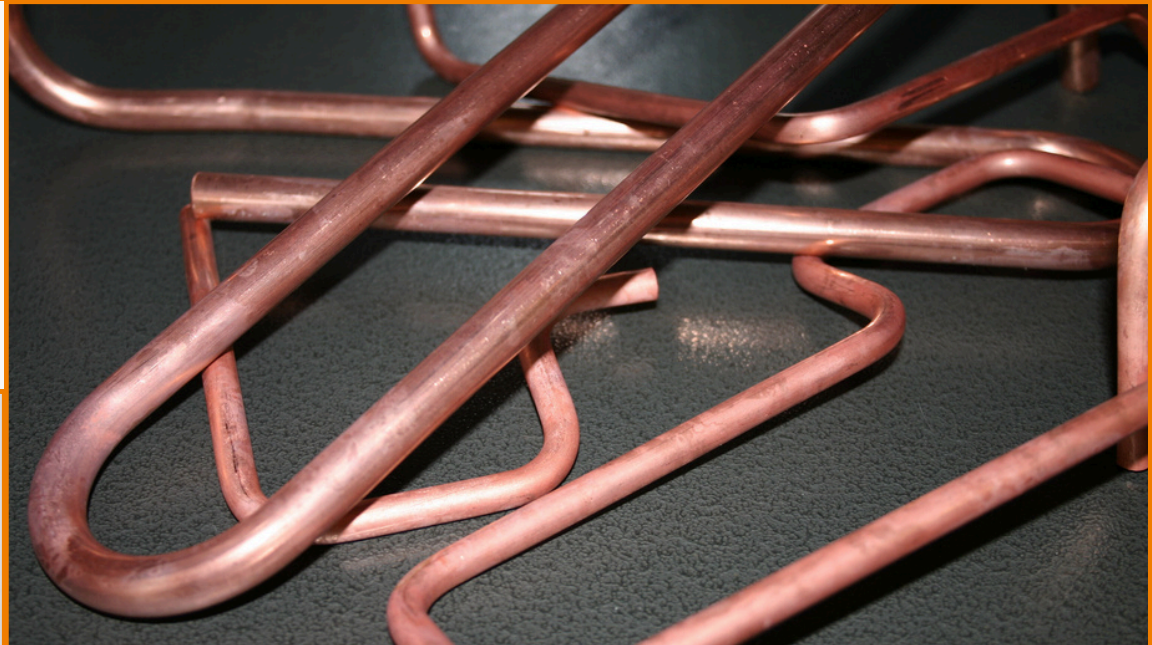
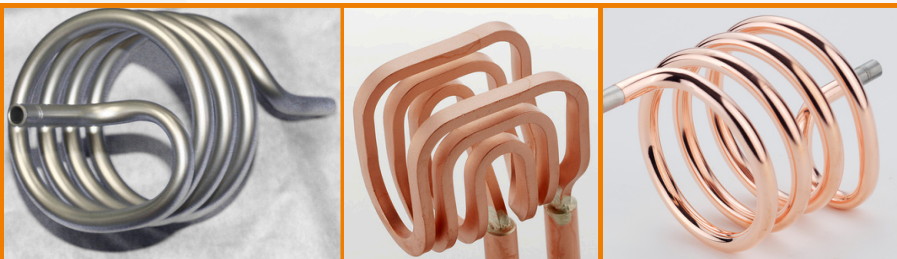
Bending capacity tube/round material	16 mm / 12 mm
Tube push-on length	2000 mm
Length feed Accuracy	Electric drive 0,1 mm
Twisting accuracy	Electric drive 0,1 °



A CLEAR PLUS IN TERMS OF FLEXIBILITY.

Diverse manufacturing options, we also bend conventionally!

With our years of experience, we are the perfect contact for various manual bending methods. This allows us to flexibly respond to individual customer requests.



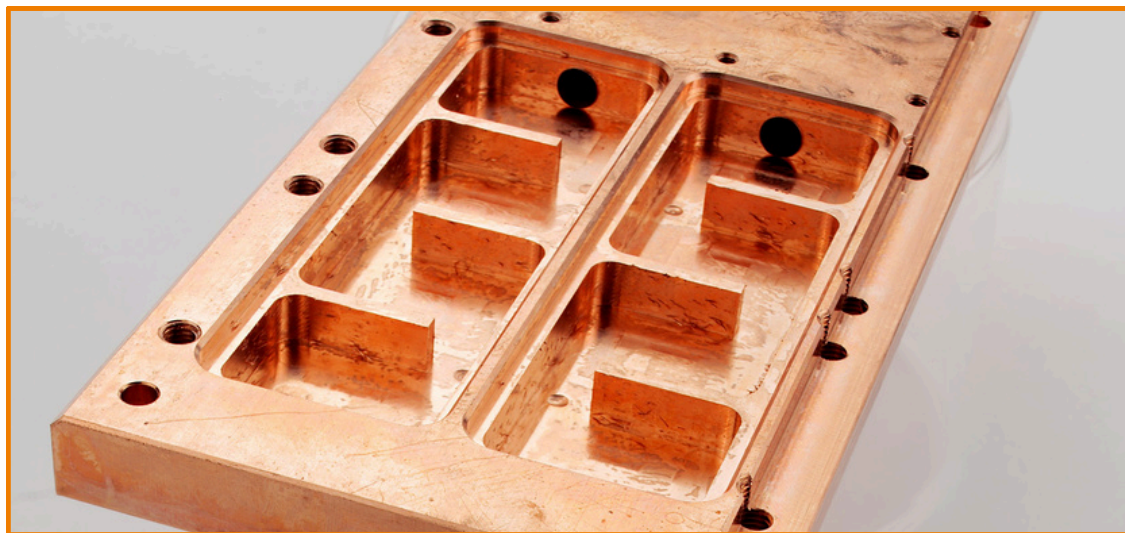


CNC MILLING AND DRILLING

CONVINCE WITH CUSTOM WORK.

With our five high-precision and modern machining centers, as well as two long automations, we master even complicated workpiece shapes. We process workpieces with the following maximum dimensions:

x = 1.050 mm | y = 510 mm | z = 510 mm



HARD AND SOFT SOLDERING HOT ON PRECISION.

We have seven modern soldering workstations. This ensures that we provide excellent quality in this area, which you can consistently rely on.

Here we use, among other things, high-quality silver solder. Our soldering temperatures range from 227 °C to 700 °C, according to your individual requirements.



COMPONENT ASSEMBLY

PRECISION. EXPERIENCE. KNOW HOW.

Whether for cooling electronic systems or for power switching - no matter what type of mechanical assemblies you require:

With us, you always get customized solutions right from the start.

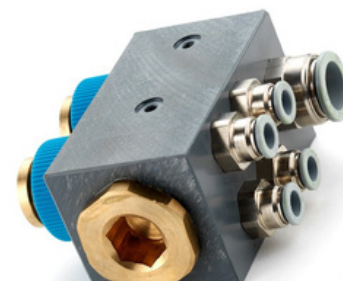


AT A GLANCE

- Complete assembly of the modules - including testing and documentation
- New or further development of assemblies - including documentation
- Production of subassemblies and components
- Leak test and pressure test up to a maximum of 20 bar
- Flexible production control (Kanban)
- Handling and storage of ESD-sensitive components and assemblies

Feel free to reach out to us.

We are happy to provide advice – personally, individually, and competently!





SCHIRMBRAND

MECHANISCHE FERTIGUNG



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Authorized signatory, CEO, CEO

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