

MWA 11-1550/RO

ELECTRICAL ENGINEERING

**ALWAYS
ONE MORE
IDEA.**



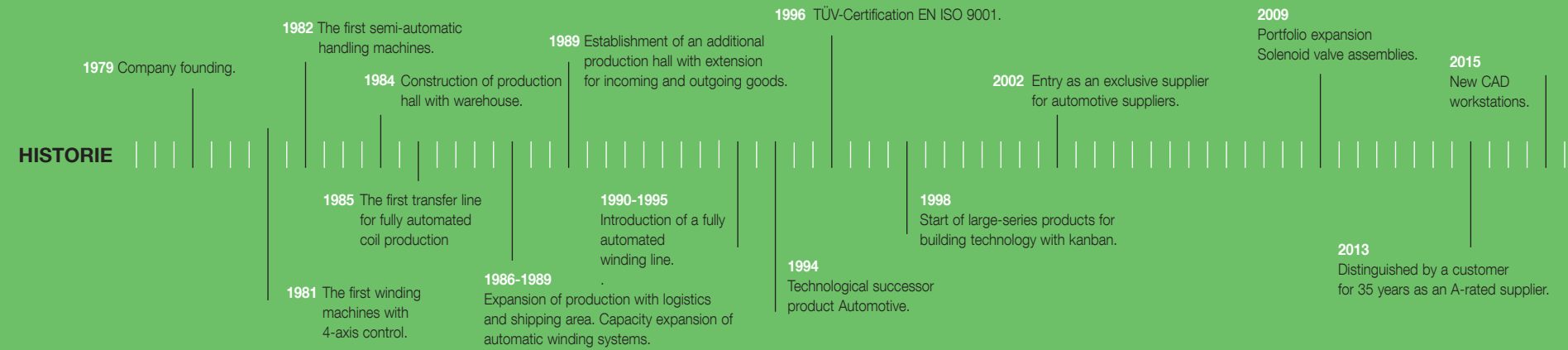
wiwo bayer Coils Wound Goods Assemblies Systems

Hauptstrasse 82 | 72355 Schömburg (Germany)
Phone +49 7427 947171-0 | Fax +49 7427 947171-66
info@wiwo-bayer.de

www.wiwo-bayer.de

**PLANNING.
DEVELOPMENT.
PRODUCTION.
FROM THE IDEA
TO SUCCESS WITH
WIWO BAYER.**

www.wiwo-bayer.de



PRODUCTS FOR TODAY AND TOMORROW. SINCE 1979



We established our company in 1979 to produce powerful, reliable, innovative, and high-quality products. And nothing has changed in this respect since our company was founded. Because we are committed to the success of your company, we always do more. From product development to functional models and pilot series to serial production and after-sales service. You can build on wiwo bayer electrical engineering products. The extensive experience of our entire team is a guarantee that your product requirements will be fulfilled to your fullest satisfaction. What requirements can we fulfil for you?

Jürgen Maier
Manager

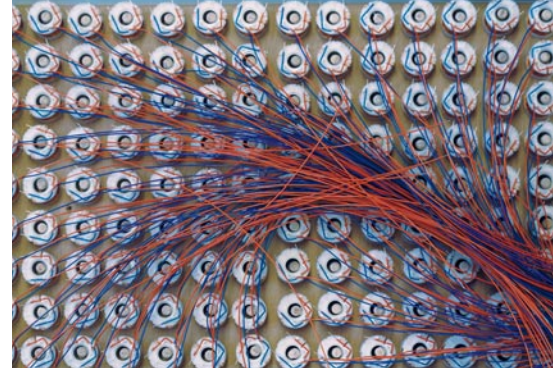


ACTUALLY IT'S NOT JUST ABOUT TECHNOLOGY. IT'S ABOUT SOLUTIONS.

Our process competence:
pin-fitting, winding, soldering, contact application, assembly, potting, testing, labelling, packaging, **and much more**



When do we have an open day? For us it is actually every day, because we are open to your challenges. By involving us from the start, you can benefit from our electrical expertise so that we can develop and produce the right product specifically for your needs. Our long-term experience and a staff with top-quality training are at your disposal at every stage of development and production.



FROM SMALL SERIES AND MAJOR TASKS.

We have a simple recipe for your tasks and products. Committed team. Extensive experience. High product understanding. We incorporate all of these elements into development models, prototypes, and small and large series - and always with the assurance that you will receive an innovative and efficient end product. Of course, production in our company is also certified in accordance with ISO 9001.

Consulting / Feasibility Checks

What exactly do you need? What are your specifications? In order to provide you with ideal for our products, we ask you a lot of questions from the very start. We work with you to choose the optimal solution from a variety of approaches, and of course we also provide you with an attractive offer, as well as the guarantee that the solution is feasible.

Development Work / Development Models

Do you have a development task for us? We are at your service! We assure development results with corresponding models and we also handle the design tasks for you in the scope of product development. We use the latest CAD workstations, innovative software, and a wide range of manual winding machinery to produce the first functional models.

Prototyping

If you want to handle the development yourself, we can produce your prototypes and thereby verify the planning. In the process, we are able to offer you coil elements and other components from a variety of production processes through our collaboration with external partners.

Pilot series

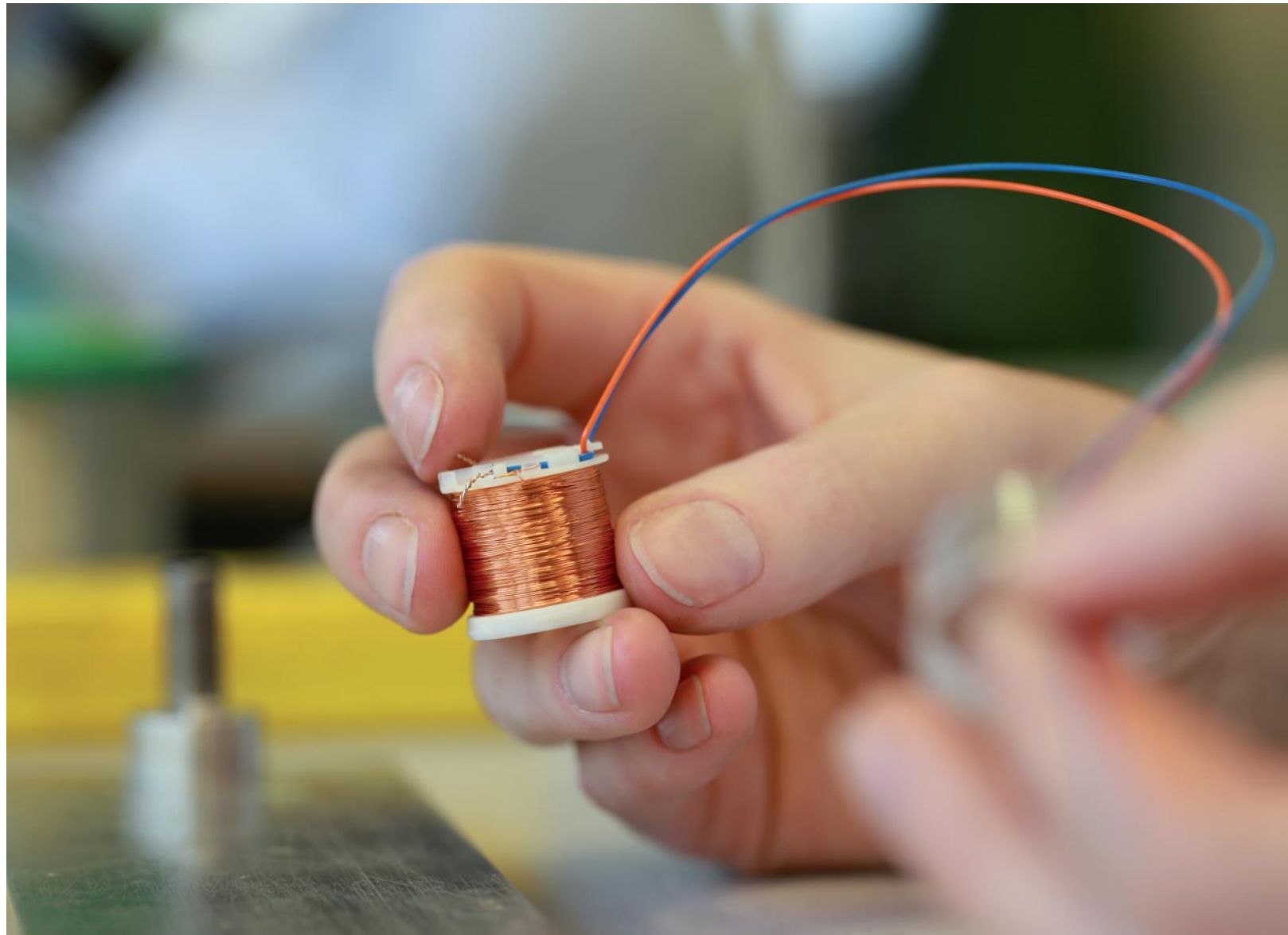
Are you looking for someone to handle production only? Put us to the test! We will gladly demonstrate our competence in a pilot series. We have 1 to 18 spindles with automatic loading and a wide range of machinery available for this production.

Small series

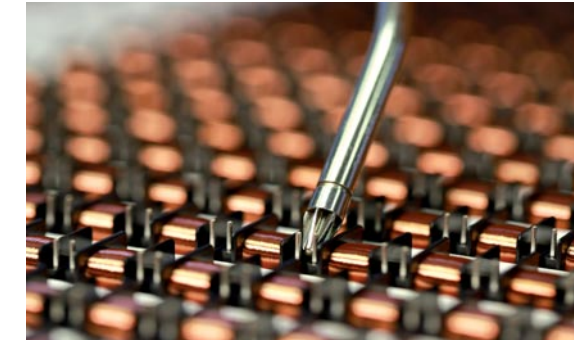
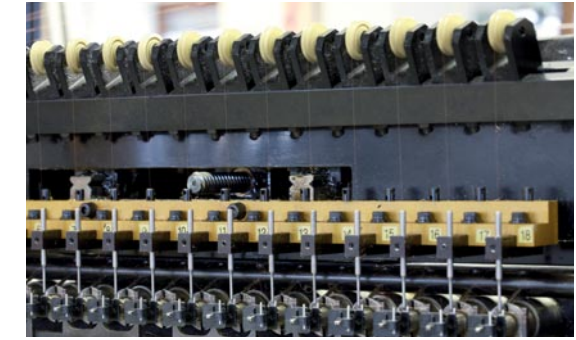
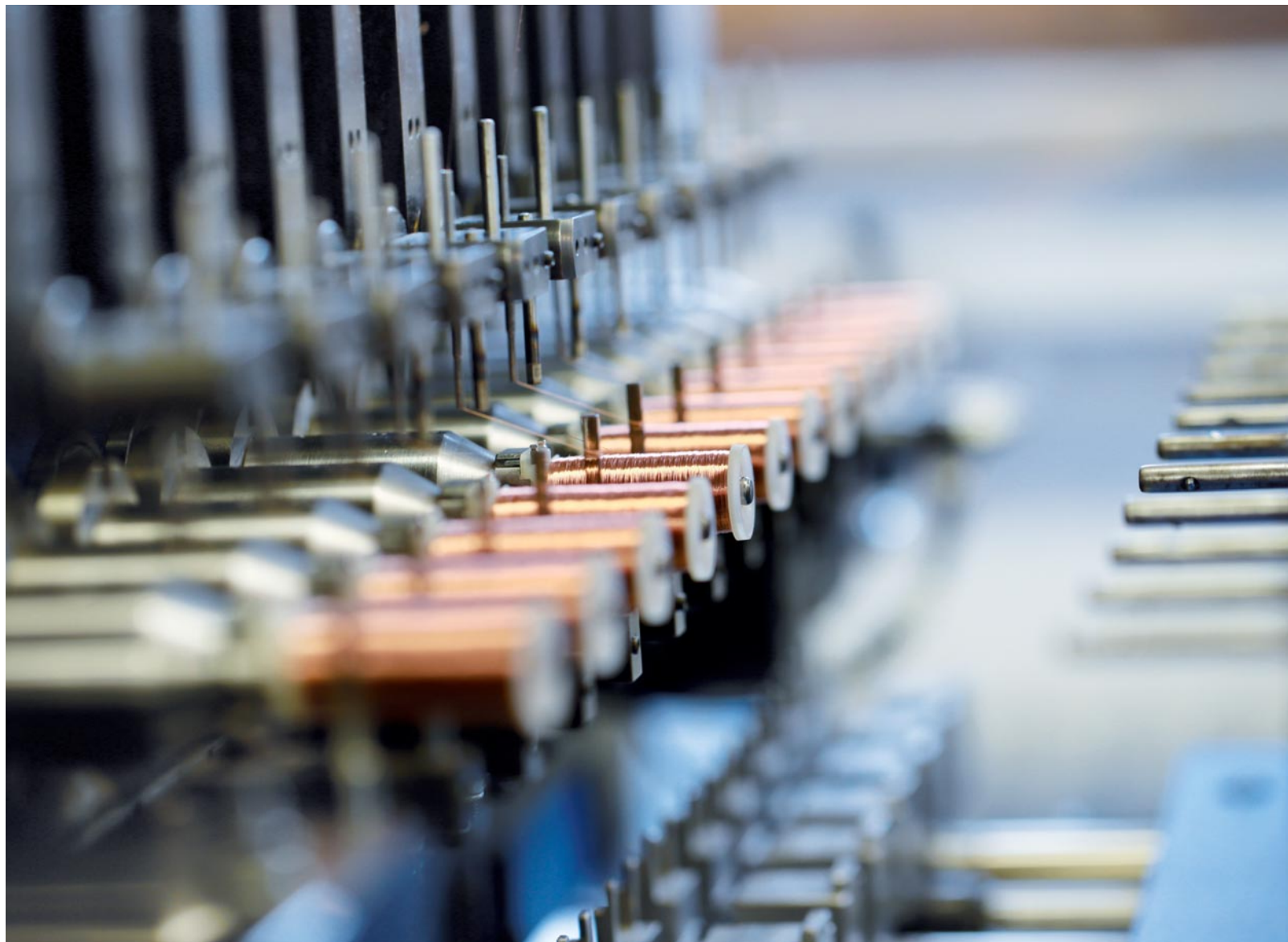
Of course we also offer small series production. Various technologies, including self-bonding wire, can be used to fulfil your requirements.

Series production

Large series? No problem. We match the ideal number of spindles with the right automation for the quantity that you require. In the process, we ensure that the final product is a perfect match for your required features, quality specifications, and delivery dates.



**WE BEGIN BEFORE YOU
HAVE CONTRACTED US.**



Procurement

How can we react quickly to customer requests? Here's the secret: we keep enough material in stock to be able to react to sample requests on short notice. As we understand it, competence applies not only to the production, but also to the procurement of raw materials with the aim of your success. Thanks to our extensive experience and good network of contacts, we are capable of acquiring top-quality materials for your products which have all been subjected to DIN ISO 9001 auditing or the incoming goods inspection of your choice.

Winding

Current coil winding technology? Long-term experience? Special applications? You benefit from all of these. We can also offer you a wide range of products including everything in the fine wire range for wire diameters from 0.030 mm to up to 0.6 mm and in the thick wire range from 0.6 mm to up to 2 mm. Processing takes place in all standard insulation classes and finish qualities.

Contact application

Our contact application possibilities:

- Soldered pins
- Twisted and galvanised wire ends
- Crimping

Of course, our soldering processes are exclusively lead-free, ROHS-compliant.

Component assembly

Whether joining, screwing together, or adhering, we have gathered extensive experience in assembly applications from which you can benefit. Take advantage of our knowledge and wide-ranging process capabilities.

Testing

All products are accompanied by a PLC testing plan during our production process. Our products do not leave until they have undergone inspection by our quality assurance department. We carry out testing for you in accordance with your guidelines and requirements:

- Resistance
- Contact resistances
- Quality
- Induction
- Disruptive voltage
- High voltage resistance
- Turns ratios

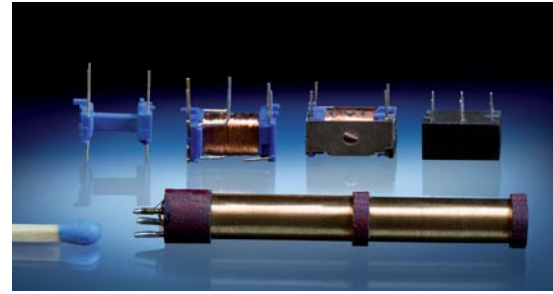
If there is any assembly and testing work before the finished product, simply leave it to us.

Logistics

wiwo bayer has been offering logistical competence with kanban, consignment stock, or ship-to-stock since long before this was assumed as an industry standard.



Orthogonal coils



Coils for discrete installation



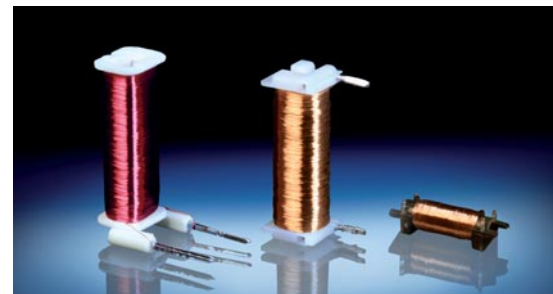
Solenoid coils



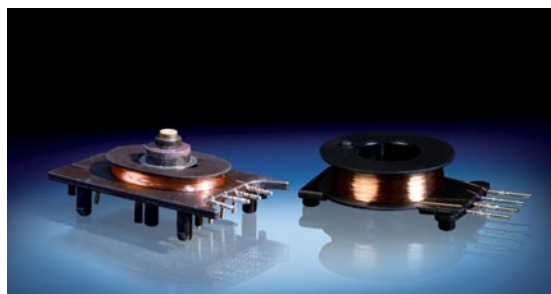
Transmissions



Air-core and self-bonding coils



Antenna coils



Automotive



Assembly applications

Our sector references:

- Building technology
- Discrete components
- Medical technology
- Automotive
- Machine construction
- White goods
- Measuring and switching device technology

There is actually no secret to long-lasting customer relationships. They are just completely satisfied. Whether small, medium-sized, or large companies with a long-standing tradition or a brand-new start-up: wiwo bayer satisfies customer requirements in a wide variety of branches. For this reason, we look forward to hearing from you when you need sample parts, small series, pilot series, or large series. After all, successful collaboration always begins with a personal call. We look forward to hearing from you.

MANY SUCCESSES AND LONG-TERM CUSTOMER RELATIONSHIPS BEGAN WITH A CALL.

special solutions

