

UNTERNEHMENSGRUPPE



Energie, die viel bewegt.

Electrical  
engineering

Automation

Electrical  
technics

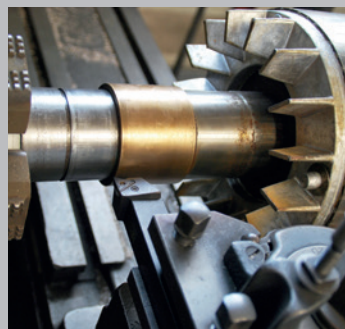
Building  
system  
technology

**Complete one-stop**  
customer solutions

**WEINGÄRTNER**



**Flexible in all directions**



2



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der Firma Weingärtner**

Mercedes-Benz



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Martin Weingärtner  
Chief Executive Officer  
Weingärtner Group



## Ladies and Gentlemen,

“Nothing is more constant than change” – this old proverb fittingly describes the development of the WEINGÄRTNER Group. Constant changes regarding requirements, tasks and challenges of customers and markets have contributed to the rapid development of our group which used to be a one-man service company for electrical machines. One by one and alongside electrical engineering, the fields of electrical technology, automation and building systems technology have grown to become own companies.

We have the ability to identify customer orientation of all sectors and fields at an early stage and act accordingly. We consider this a key reason for our success. Action goes hand in hand with continuous development and creates a dynamic which motivates our entire group of companies and significantly contributes to the further development of our core competencies.

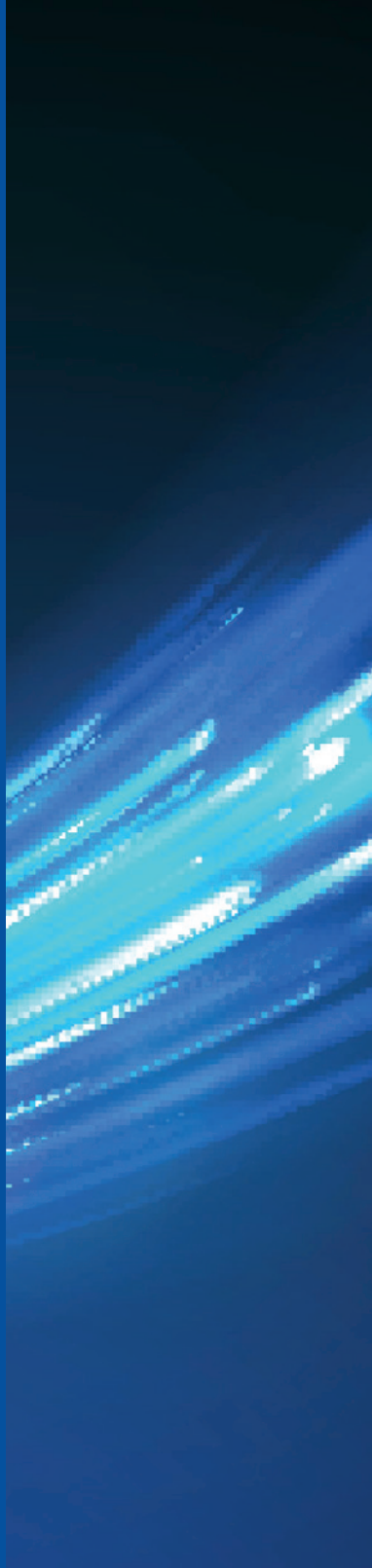
The individual departments change as well and turn from pure service providers into producers of own products and brands – like the crane department that evolved into a crane manufacturer under its own brand “WEINGÄRTNER Cranes & Solutions” in 2012. Or the distribution business of new three-phase industrial motors under the brand name “WEINGÄRTNER Motors & Drives” which has proven successful in the market for low and high voltage motors since 2011.

Due to our flexibility, our pioneering spirit and the group’s personnel competence we are able to implement complex projects and complete customer solutions through efficient synergies of all four companies. We meet the exciting challenges that result from our customers’ trends and the markets with motivation and commitment. Accompany us along this way – the future starts right now!

Yours,

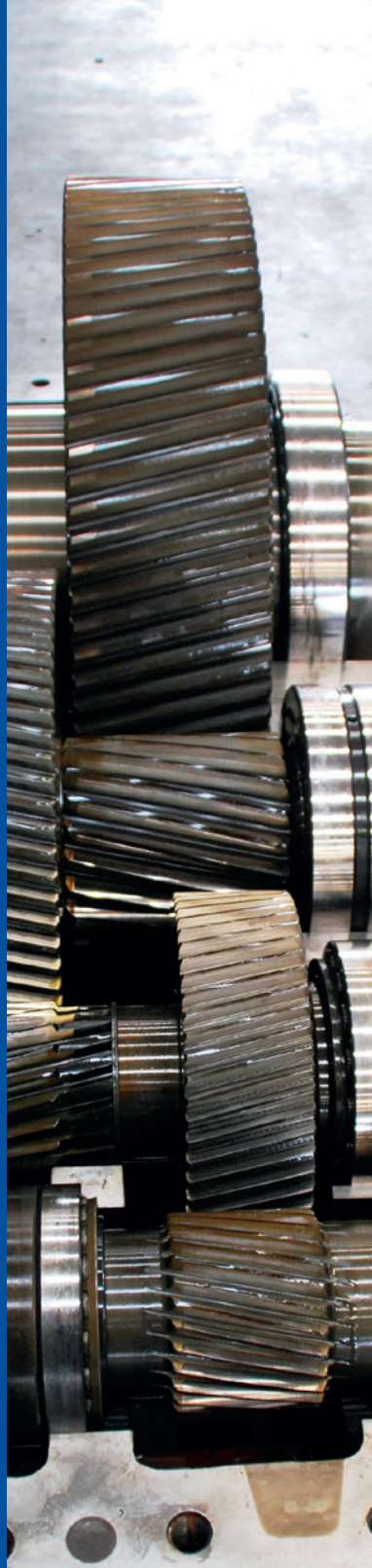
Martin Weingärtner  
Chief Executive Officer  
Weingärtner Group





WEINGÄRTNER  
group

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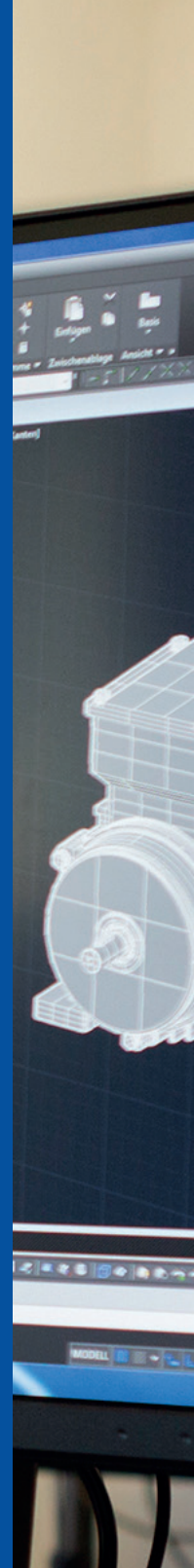
Electrical  
engineering

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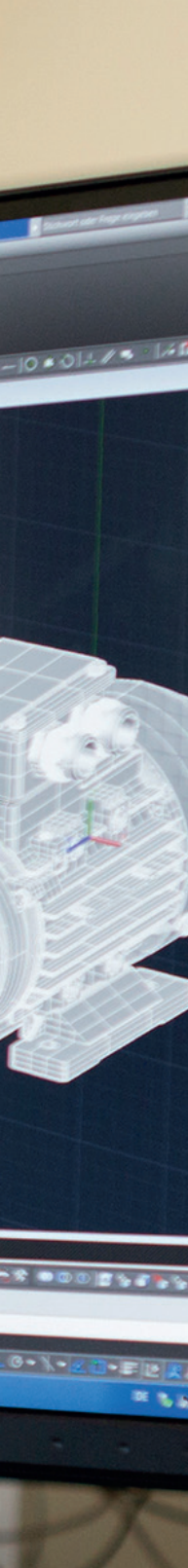
Cranes &  
Solutions

Page 11



Motors  
Drives





&

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Automation

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Building system  
technology

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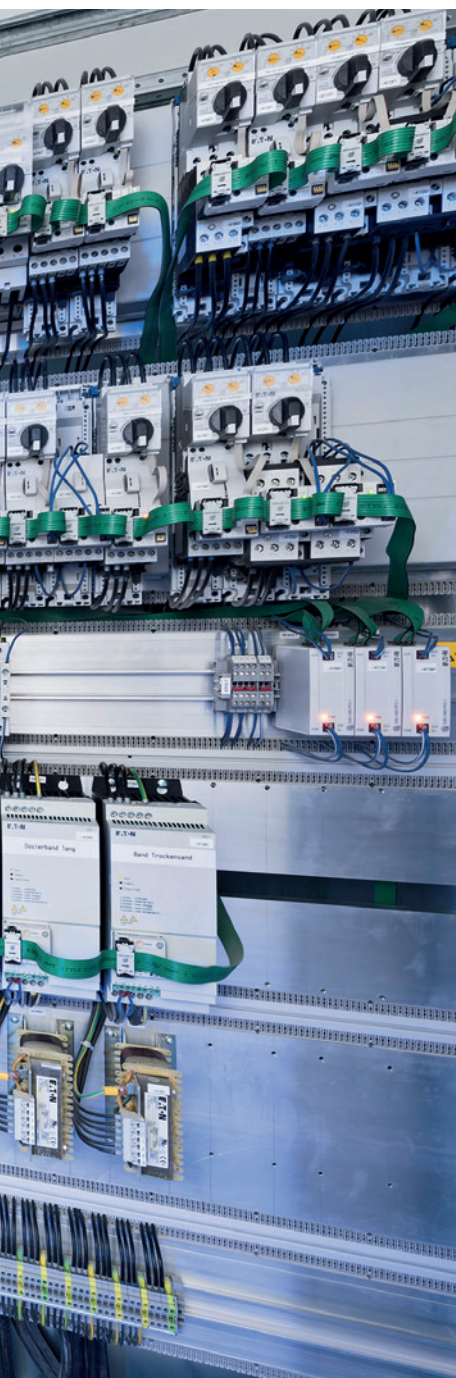


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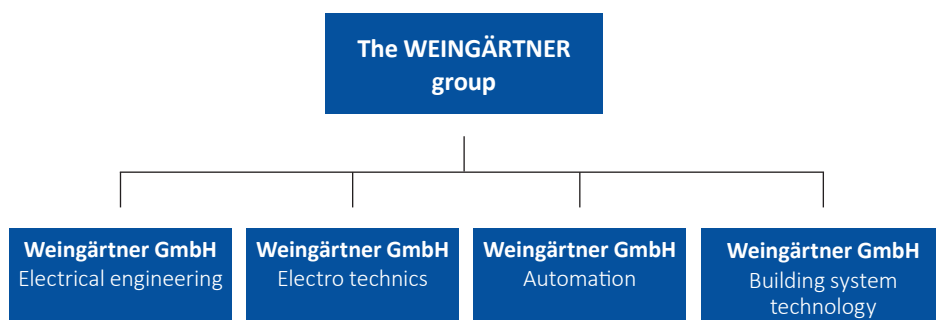
## Four strong companies – established in the present and ready for the future **The WEINGÄRTNER Group**

The WEINGÄRTNER group consists of four GmbHs (limited liability companies) which are independent from one another, operate in different areas of competence and work for customers of various industry sectors, the service sector, public authorities and private households. We cover wide areas in Baden-Wuerttemberg and Rhineland-Palatinate through our sites in Baden-Baden and Karlsruhe. Furthermore, we operate across borders for customers from Alsace.

Thanks to a close collaboration between the companies we achieve significant synergy effects which benefit our customers and market partners and take into account their increasing demands.

It is always the aim of our efforts to offer as much as possible – or everything – from a single source to establish long-term customer loyalty and a high degree of satisfaction.

We currently employ more than 100 qualified staff at the companies of our group. In order to ensure our staff's high expertise in the future and resolutely face the increasingly acute shortage of specialists, we put great emphasis on the training of young people. We train young specialists in four professions across all four companies and offer them permanent employment subsequent to their traineeship.





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## Weingärtner GmbH Electrical engineering Workshop location Karlsruhe



**S**peed, experience and competence are our strength. In case of need, our experienced service teams get to our customers quickly and prove themselves as troubleshooters in any situation. Our highly qualified specialists ensure the overhaul, preventive maintenance and repair of your machine.

### Maintenance and repair of electrical drives

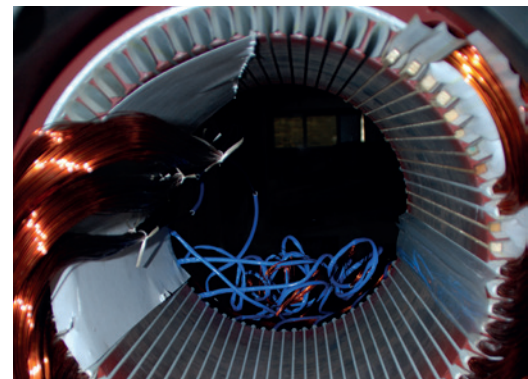
- Three-phase low voltage AC-motors
- Explosion-proof motors up to 400 kW
- Direct current motors
- Slip ring motors
- Gears and geared motors
- Servo motors
- Electrical testing according to VDE0530
- Test device for the testing and documentation of the oil seal of gears
- Vibration test of the drives
- Regional pickup and supply service

### Motor warehouse, modification and conversion

- Warehouse location for new IE3 (IE2) three-phase motors
- Modification of motors in stock, according to customer specifications
- Provision of large numbers of conversion, spare and standard parts

### Industrial service

- Assemblies, repairs and service work at the customer's site
- New, well-equipped service vehicles plus Unimog with crane and truck
- Upgrading, repair, installation and alignment at the customer's site
- Frequency inverter service and commissioning
- Aligning by means of laser technology, cardan shafts as well
- On-site vibration tests
- 24/7/52 service

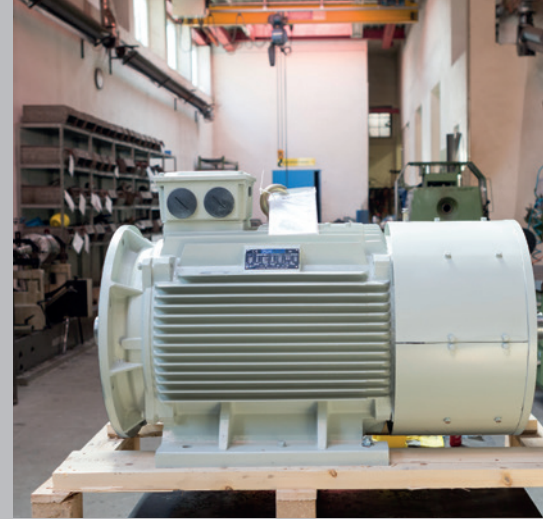


**STOBER**

Antriebstechnik GmbH + Co. KG  
Kieselbronner Straße 12  
75177 Pforzheim  
Tel. +49 7231 582-0  
mail@stoeber.de  
www.stoeber.de







## Weingärtner GmbH Electrical engineering Repair facility Baden-Baden

Checks, repairs or revisions – we are your competent contact! We have a large spare parts warehouse at our repair facility in Baden-Baden and can guarantee parts production within the shortest time. We are perfectly equipped for drives and pumps up to 6t due to our modern and high-performance operating equipment and have all necessary means to minimize your downtimes.

### Maintenance and repair of electrical drives

- Three-phase low voltage AC motors
- Explosion-proof motors up to 400 kW
- Direct current motors
- Slip ring motors
- Gears and geared motors
- Rotating frequency converters
- Rewinding of low voltage motors up to size 450

- Heavy weight drives and units up to 6t
- Electrical testing according to VDE0530
- One and two-level balancing
- Vibration test of the drives
- Impulse voltage testing up to 12 kV
- Mechanical processing and manufacture of new parts
- Regional pickup and supply service

### Industrial service

- Assemblies, repairs and service works at the customer's site
- New, well-equipped service vehicles plus Unimog with crane and truck
- Upgrading, installation and alignment at the customer's site
- Aligning by means of laser technology, cardan shafts as well
- On-site vibration tests
- 24/7/52 service

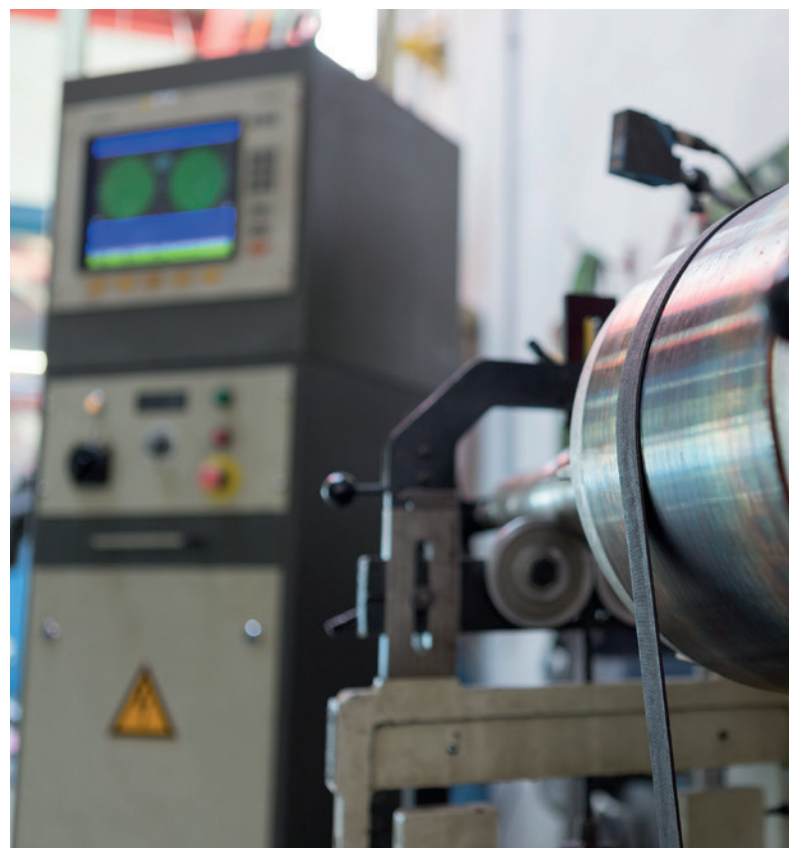


Kompetente Kranbauer und Anlagespezialisten setzen weltweit auf ausgereifte Hebetchnik und Komponenten von STAHL CraneSystems.

Partner of Experts

**STAHL**  
CraneSystems

➔ [www.stahlcranes.com](http://www.stahlcranes.com)



## Weingärtner GmbH Electrical engineering Department for pumps and agitators, Baden-Baden



At the department for pumps and agitators we consult, plan and construct pump stations and lifting stations. We sell and assemble new pumps, agitators and pressure booster systems – and we excel when it comes to revisions, repairs, maintenance and service for fluid technology products in the field of water and wastewater.

### Maintenance and repair of pumps and agitators

- Supplier-independent – pumps for industrial and wastewater
- Explosion-proof pumps
- Pumps and agitators up to 6t
- Revision of mechanical seals

- Renewal of mechanical seals and seal seats
- Mechanical processing and manufacture of new parts
- Balancing of impellers
- Aligning and balancing of shafts
- Test bench for wet and wet-dry test, to check pump performances values and do final inspection
- Pickup and supply service

### Industrial service

- Assemblies, repairs and service works at the customer's site
- Project planning, development and tuning of alternative solutions
- Troubleshooting for controlled systems

- New, well-equipped service vehicles plus Unimog with crane and truck
- Upgrading, installation and alignment at the customer's site
- 24/7/52 service

### Development and production

- Wastewater pump lifting systems
- Pump stations



**RUDOLF  
BAUER**

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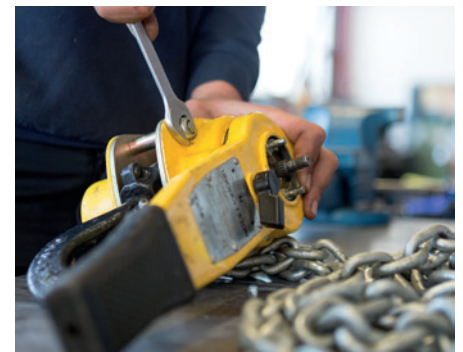
We have extensive experience in the manufacture of girder crane systems with a weight of up to 10 tons and a span width of up to 16 meters. We also offer the automation, conversion and modernization of existing crane systems according to current regulations. Moreover, we are able to do your project engineering, statics and evaluation of new construction projects.

**What we can do for your crane systems:**

- New construction and new installation of cranes
- Retrofitting, modernization and automation
- Repairs and renewal of parts
- Testing in accordance with DGUV V52 – electrically and mechanically
- Testing of load suspension devices in compliance with DGUV V54
- Testing of power-operated gates according to ASR A1.7



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## Crane service

Our crane department offers certified safety for your crane systems and slings in compliance with DGUV V52 and V54 as well as DGUV V3. We have gained expertise and experience with regard to inspection, repair and maintenance of wire rope and chain hoists. Naturally, our work also includes fast customer service so that safe lifting, lowering and moving of loads do not become a burden for you.

**Special equipment of the crane service:**

- Own lifting platforms
- Own Unimog with crane





## **Antriebe Neumann GmbH**

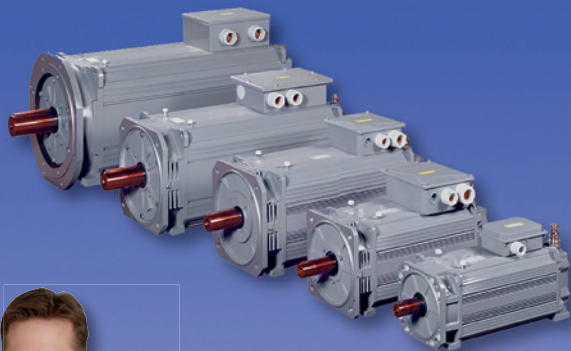
Parkstrasse 50  
61231 Bad Nauheim

Tel. 06032 6079383  
info@neumann-antriebe.de  
www.neumann-antriebe.de

## **Drehzahlgeregelte elektrische Antriebe**

### **AC-Technik:**

- asynchrone, quadratische AC-Motoren im Leistungsbereich von 0,5 – 3.000 kW
- luft- oder auch wassergekühlt
- synchrone AC-Motoren mit oder ohne Permanentmagneten, bis zur Premium-Effizienzklasse IE4



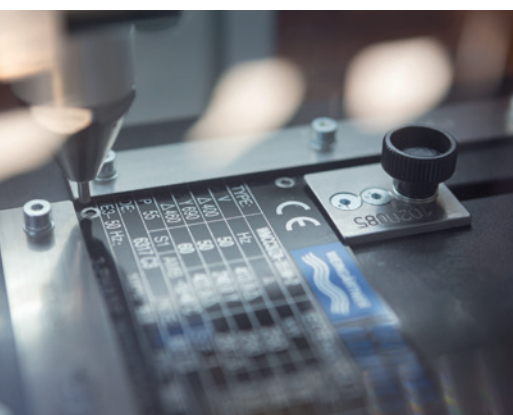
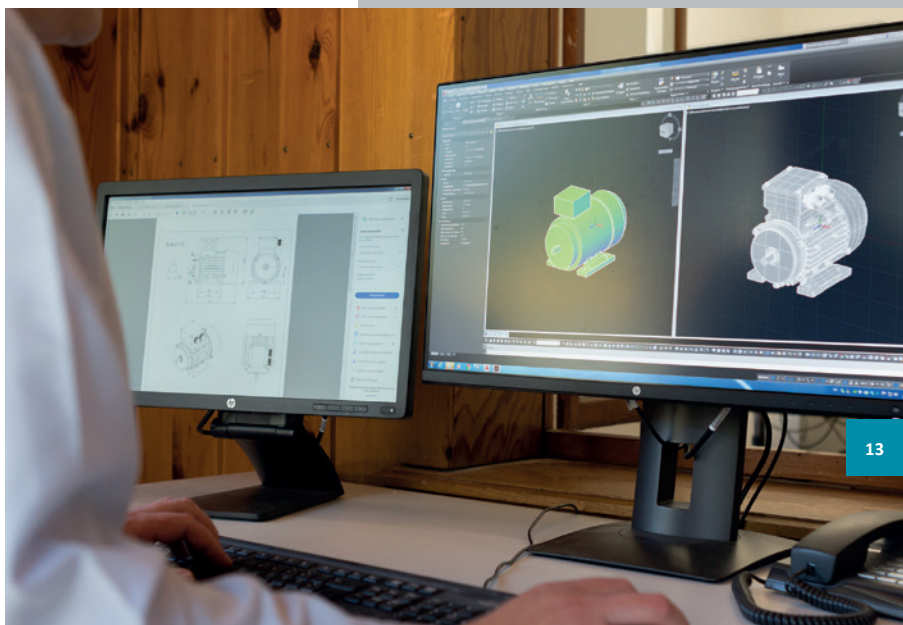
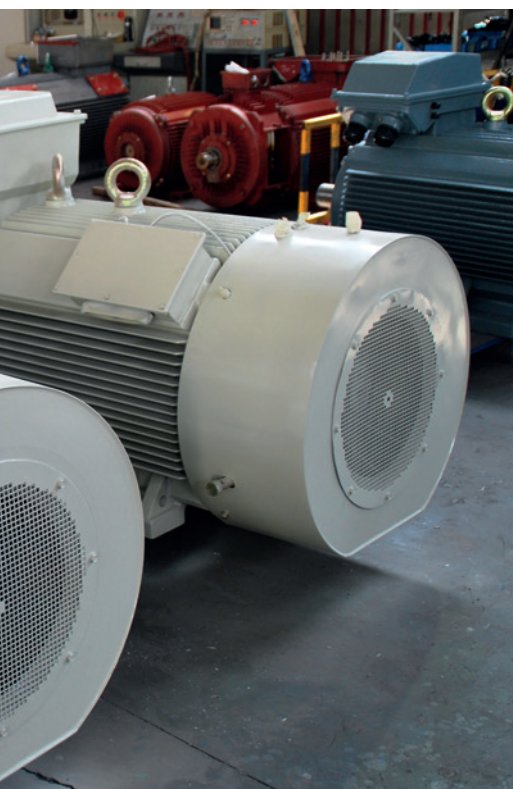
„Die Antriebe Neumann GmbH vertreibt seit über 35 Jahren die Produkte von Sicmemotori in Deutschland“

### **DC-Technik:**

- Gleichstromnebenschluss-Motoren in den Baugrößen von 80 – 800 mm
- Leistungsmäßig von 0,5 – 2.700 kW
- Durch entsprechende Anpassungen auch als Ersatzmotor für Siemens, ABB, Baumüller, Ansaldo etc. zu verwenden







## Weingärtner Motors & Drives Sales and project planning, Baden-Baden

**W**eingärtner Motors & Drives is your partner for project engineering and development of drive solutions (regulated/unregulated). We distribute our own motor brand in low voltage IE2, IE3, IE4 and high voltage up to 5 MW. Additionally, we offer frequency inverters, soft starters, switching and control components as well as drive motors, gears and geared motors of all leading manufacturers.

### Distribution of products in the field of electrical drive technology

- Own brand of IEC three-phase low voltage motors in IE2, IE3 and IE4, from 0.18 to 355KW on stock
- Explosion-proof motors
- Gears and geared motors
- Direct current motors
- Single-phase motors
- Frequency inverters
- Soft starters
- Power converters

### Designing and development of complete drive solutions and large drive systems

- Own high voltage motors up to 5 MW, from 2.3 kV to 13 kV, via production/factory
- Customized drives, special designs and reproductions according to customer specifications
- Project engineering and development of drive solutions, regulated by a frequency inverter or net drive
- Retrofitting and modernization of drives
- Working out energy efficient solutions
- Calculations and measurements to prove energy efficiency









## Weingärtner GmbH Automation

### We plan, develop and install

In the field of switch cabinet construction Weingärtner GmbH Automation takes on the planning, development, manufacture and documentation of switchgears and power distributors in a reliable and efficient manner. We offer customized switch cabinet construction for measurement, control and regulation technology as well as energy distribution and provide competent assembly and commissioning services for switchgears at the customer's site.

#### Construction of electrical systems/ Switchgears/Transformer stations

- Development, project planning, installation and commissioning
- New installation, repair, service and maintenance of electrical systems
- Construction and installation of low voltage switchgears and SF6-free medium voltage switchgears
- New construction and conversion of transformer stations

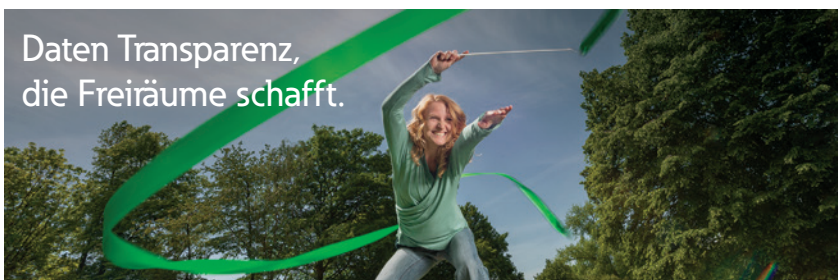
#### Switch cabinet construction: measuring, controlling, regulating

- Switching, measuring, regulating and controlling in different areas of application
- Energy management/optimization
- Planning, construction and retrofitting of switchgears
- Network analysis including evaluation and documentation



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# Weingärtner GmbH Automation

## Automation technology – smart solutions that increase productivity

- Modern control, monitoring and visualization systems
- Optimization of complex manufacturing plants and machines
- Adjustment of existing automation plants upon request
- Use of modern components, interconnected with all current bus systems, copper or glass fiber connection
- Smart emergency stop systems
- Development of specific solutions in all sectors with the customer



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## Service & Engineering

Leave the planning, development, manufacture, installation and commissioning of your new electrical systems and transformer stations to us! We optimize the energy management and implement the conversion or modernization and repair of existing systems. Our service range also includes the automation, programming and networking of entire machines and manufacturing equipment.



## AUTOMATION – ABER SICHER

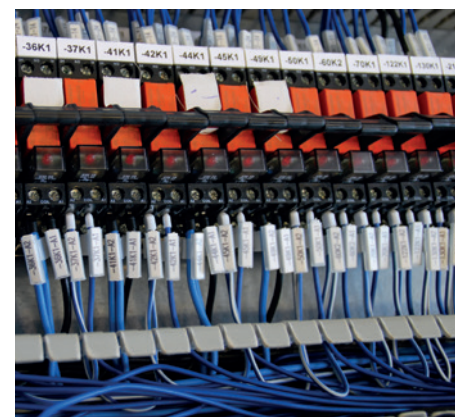
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## Weingärtner GmbH Electrical technics

### Focus on safety, comfort and economic efficiency

The planning and implementation of electrical installations for small and medium-sized properties are our strength. We implement both conventional electrical technology and modern KNX bus technology with optional features in terms of security and surveillance technology. Weingärtner GmbH Elektrotechnik is a specialist company for "E-Checks" (certified electrical checks) of all electrical systems and devices installed in houses or apartments and performs safety checks of hand-guided machines and devices according to VDE 0701-0702.

#### Smart building systems technology (KNX)

The areas of application for smart building systems technology are very diverse. For example, some of the functions include:

- Light control
- Heating/ventilation control
- Air conditioning
- Blinds control
- Alarm system
- Energy management
- Central building automation

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## Building installation technology

From electrical connections of a house to sockets – we offer you efficient solutions for diverse building functions. This also applies to fire and burglary protection. We work for small and medium-sized properties as well as private households.

# Für die Zukunft Ihres Unternehmens

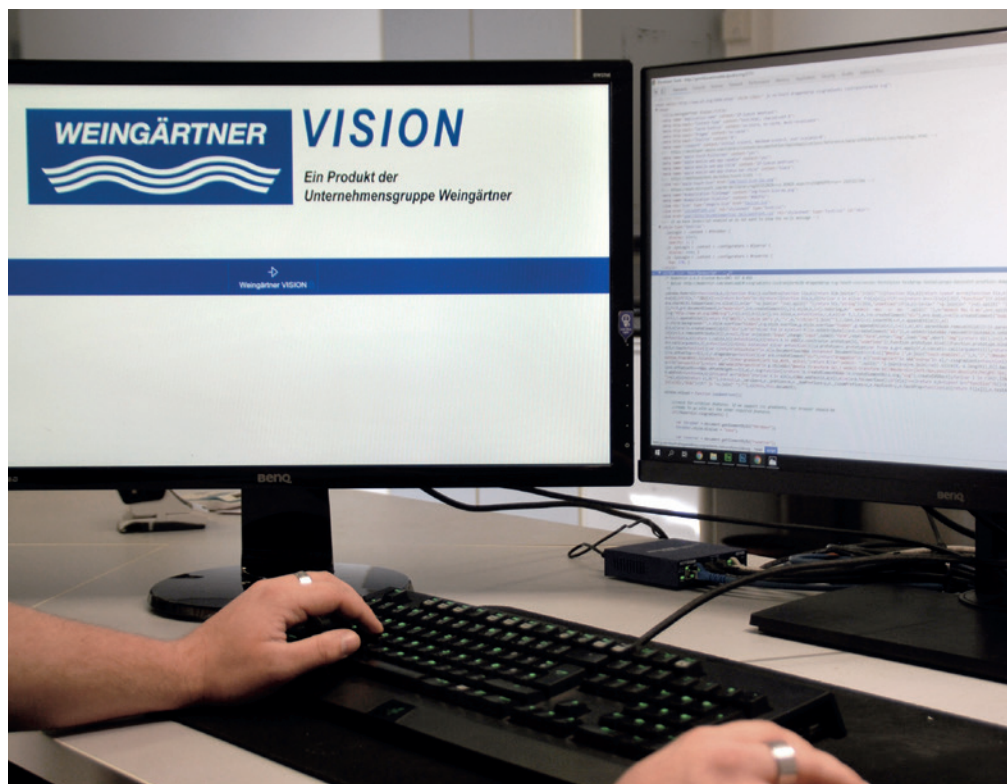
[www.leitwerk.de](http://www.leitwerk.de)





## Weingärtner GmbH Building system technology For industrial and commercial properties

Let us handle the planning, development and implementation of a modern, secure electrical infrastructure and automation for your commercial properties! We offer you building-system-management and data monitoring by means of state-of-the-art bus technology and make sure that you can check your consumption data at the push of a button – e.g. in the form of an analysis and visualization of your energy consumption and processes.



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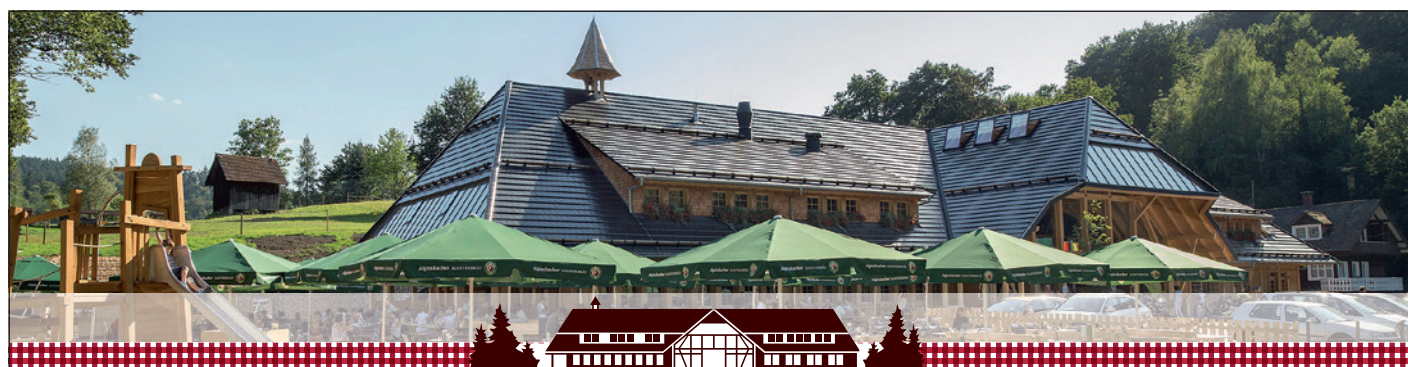


#### **Safe and modern electrical infrastructure**

- Preventive maintenance and servicing of electrical systems in companies and large building complexes
- VDE testing of a building's electrics as evidence for the property insurer
- Rehabilitation projects – planning and implementation for the establishment of energy-efficient and future-oriented switchgears
- Legally secure documentation in compliance with all valid electrotechnical regulations and standards

#### **Building automation**

Implementation and initial support in the field of building automation with up-to-date control technology. Industry 4.0, IoT, Smart Factory or Cloud solutions – enter the world of digitalization with us.



### **Die Unternehmensgruppe Weingärtner war für die gesamte Elektro- und Anlagentechnik verantwortlich:**

- Planung der elektrischen Infrastruktur
- Energieversorgung und Integration umweltfreundlicher Mittelspannungstechnik
- Aufbau sämtlicher Elektroverteilungen
- Programmierung und Installation modernster Gebäudeleittechnik und Gebäudesystemtechnik
- Konzipierung und Installation des EDV und Telefonnetzes
- Installation neuester Abwasserhebetechnik

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## Weingärtner GmbH Building system technology For industrial and commercial properties

### Energy management

- Determination of the energy efficiency of building installations
- Elaboration of savings potentials and changes to reduce energy costs
- Consulting and support to fulfill legal requirements
- Planning and implementation of customized systems to optimally use synergy effects and savings potentials

### Network technology

- Surveying and documentation of existing networks
- Detection and interconnection of computers, servers and peripheral devices
- Consultation, planning, installation and support of new networks
- Object-related, suitable UPS or emergency power supply for an availability rate of nearly 100 %

### Project management

- Project consulting and implementation regarding electrical building equipment of commercial properties
- Consulting, object consulting and implementation concerning electrical rehabilitations
- Project appraisal – your second opinion: examination of documents provided by planners, architects or manufacturers
- Evaluation of implementation, economic efficiency and quality

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UNTERNEHMENSGRUPPE



Energie, die viel bewegt.

**Weingärtner GmbH**  
**Electrical engineering**

Geroldsauerstr. 113 b  
76534 Baden-Baden  
Tel. +49 7221 50475-30  
Fax +49 7221 50475-50

Niederlassung Karlsruhe  
Südbeckenstraße 19 b  
76189 Karlsruhe/Rhf.  
Tel. +49 721 160389-0  
Fax +49 721 160389-50

**Weingärtner GmbH**  
**Electrical technics**

Geroldsauerstr. 113 a  
76534 Baden-Baden  
Tel. +49 7221 50475-30  
Fax +49 7221 50475-50

**Weingärtner GmbH**  
**Automation**

Geroldsauerstr. 113 b  
76534 Baden-Baden  
Tel. +49 7221 50475-30  
Fax +49 7221 50475-50

**Weingärtner GmbH**  
**Building system technology**

Malschbacherstr. 4  
76534 Baden-Baden  
Tel. +49 7221 50475-30  
Fax +49 7221 50475-50

[weingaertnergmbh@weingaertnergmbh.de](mailto:weingaertnergmbh@weingaertnergmbh.de)  
[www.weingaertnergmbh.de](http://www.weingaertnergmbh.de)