

# KAISER & KÖNIG

The background of the entire page is a detailed process flow diagram (PFD) for an industrial system. It features a central vertical vessel with multiple feed and effluent streams. Various control loops are indicated by labels in rounded rectangles: QIR (Quality Indirect Reading), TIC (Total Inlet Control), FIC (Flow Inlet Control), PI (Pressure Indicator), PIC (Pressure Inlet Control), LIC (Level Inlet Control), TIR (Temperature Indirect Reading), QIR (Quality Indirect Reading), TIR (Temperature Indirect Reading), LIC (Level Inlet Control), PIC (Pressure Inlet Control), US (Unit Separator), PSA- (Pressure Swing Adsorption), and TIC (Total Inlet Control). The diagram includes numerous valves, pumps, and piping connections, illustrating a complex industrial process.

Anlagenbau • Sondertechnologien

chemical- and synthetic industry

semiconductor engineering

environment engineering

thermic waste utilisation

power plant engineering

petrochemistry

paper industry

# products

## **KAISER & KÖNIG**

engineering • Special Technologies

Kaiser & König GmbH is a modern company located in Friedberg, Bavaria.

We design and construct plants and units for the following applications:

- For storage, conveying and dosing of liquids and gases
- For reduction of environment endangering emissions
- With own procedures
- With customer-developed procedures:
  - in cause of expansion or rearmament of plants
  - in cause of planning, delivery and construction of pilot plants

**The main features of our range of delivery and services are:**

- dosing plants and conveying plant
- storing plants for water-polluting or inflammable liquids
- conditioning plants
- special plants
- production plants for semiconductor technology
- Engineering services

**For the following applicants:**

- Chemical and petrochemical industries
- Semiconductor technology
- Paper industry
- Mineral oil and fuel gas
- Power plants
- Waste incineration plants (MVA)
- Environmental and specialty technologies

A well-trained team with longterm practical experience guarantees for a cost effective, efficient, safe and timely solution of your specification.

For this task our staff has at their command the most up-to-date tools for planning and commissioning.

Our plants and functional elements are manufactured by competent and qualified building companies, which are capable to refer to the high quality of their products. The incorporation of electronic measuring, controlling and adjusting devices into programmable control systems and their connection to applicants control technology will be realized in cooperation with qualified partners.

### **Our services comprise:**

Design, delivery, assembly and commissioning of plants and systems, including mechanical and process guarantees, measuring, controlling and adjusting devices. We are an authorized company according to § 19 I WHG (Water economy act) for the services „planning, incorporation and treatment of inflammable and water endangering materials.

We work in accordance with special quality management regulations. Certification of the company according to DIN ISO 9001 is being planned for the near future.

Company	Installation	Start	Specification
Bausion Chemische Fabrik GmbH, Duisburg	Authority engineering for bitumen petrol depots and production.	09 / 02	engineering
Zellstoff- und Papierfabrik GmbH, Blankenstein	Storage and dosage of Schwefelpellets	07 / 02	design, engineering, delivery
BMW AG, Dingolfing	Control, incl. renewal, filling level - supervision and visualization	06 / 02	design, engineering, delivery
OMV Deutschland GmbH, Burghausen	Measuring out station for chemicals	04 / 02	design, engineering, delivery
Lurgi Life Science GmbH, Chemnitz	Pharmaceutical active agent plant, mobile gas dosage for HCL and NH3	10 / 01	design, engineering, delivery
Mattson Wet Products GmbH, Pliezhausen	O <sub>3</sub> -Vapor-Stripping (semiconductor)	06 / 01	design
MAN Turbomaschinen AG, Oberhausen	HEL - pump - skid	05 / 01	engineering, delivery
Mattson Wet Products GmbH, Pliezhausen	O <sub>3</sub> -Vapor-Stripping (semiconductor)	04 / 01	design
Turbomach AG, Istanbul / Turkey	Fuel plant for LPG and diesel fuel	04 / 01	design, engineering, delivery
Lockwood Greene Petersen, Wiesbaden	Nitrogen + carbon dioxide supply	10 / 00	design, engineering, delivery
Martin GmbH, München	system for SNCR	09 / 00	design, engineering, delivery, assembly supervision
Lockwood Greene Petersen, Wiesbaden	Chlorine + hydrogen sulfide supply	06 / 00	design, engineering, delivery, assembly supervision
Lockwood Greene Petersen, Wiesbaden	Storing plant for ammonia (NH <sub>3</sub> )	02 / 00	design, engineering, delivery, assembly supervision
Steag MicroTech, Pliezhausen	O <sub>3</sub> -Vapor-Stripping (semiconductor)	12 / 99	design, engineering, assembly supervision
Steag MicroTech, Pliezhausen	Automated Wet Processor	12 / 99	design, engineering, assembly supervision
Hosokawa Alpine, Augsburg	Air control manifold	12 / 99	design, engineering, delivery
Wabag Esmil, Ratingen	Storage, dosing of NaOH / HCl / FeCl <sub>3</sub>	12 / 99	design, engineering, delivery, assembly supervision
IFT-Prüftechnik, Schechingen	Extension of a filling station	09 / 99	design, engineering, delivery, assembly supervision
Astec, Berg	Etching plant for solar cells	09 / 99	design

MAN Dez. Energiesysteme, Augsburg	Fuel plant for LPG and diesel fuel	08 / 99	design, engineering, delivery
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Company	Installation	Start	Specification
Diamant - Zucker KG, Könnern	Inspection of different piping systems	08 / 99	design
Wacker - Siltronic, Burghausen	Pressure storing plant for butanol	11 / 98	calculation, construction
Bayerisches Landesamt für Umweltschutz, Augsburg	Pilot plant for examination of elution processes	08 / 98	government, design, engineering, delivery, assembly supervision
Max Kurt Winckler GmbH, Schwaig	Pressure storage container for fuel	03 / 98	calculation, construction
Linde AG, Höllriegelskreuth	Diesel-Fuel-storage	02 / 98	design, engineering, delivery
Steag MicroTech, Pliezhausen	Wet etching plant (Redesign)	12 / 97	design, engineering, assembly supervision
MAN Dez. Energiesysteme, Augsburg	Backdosing plant for LPG and fuel oil	11 / 97	design, engineering, delivery
Wabag Esmil, Ratingen	Storage, dosing of NaOH / HCl / FeCl <sub>3</sub>	10 / 97	design, engineering, delivery, assembly supervision
Hosokawa Alpine, Augsburg	proc. - gas manifold Air control manifold	10 / 97	design, engineering, delivery
Isar - Amperwerke, Zolling	new construction of pre-heating circuit	10 / 97	Design of pipe relaying, assembly supervision
Max Kurt Winckler GmbH, Schwaig	Pressure storage container for alcohol	08 / 97	design, assembly supervision
Max Kurt Winckler GmbH, Schwaig	Pressure storage container for fuel	06 / 97	design, assembly supervision
NEA Maschinenfabrik, Übach - Palenberg	Compressor plant for UniBw Munich	06 / 97	design, assembly supervision

## company profile

**KAISER & KÖNIG**  
engineering • Special Technologies

**Company:** Kaiser & König GmbH  
Certified Company acc. To §19 I WHG

**Address:** 86316 Friedberg, Meringer Straße 5  
Germany

**Communication:** phone: +49 (0) 8 21 / 66 50 30  
fax: +49 (0) 8 21 / 66 50 31  
Email: [info@kaiser-koenig.de](mailto:info@kaiser-koenig.de)  
Web: [www.kaiser-koenig.de](http://www.kaiser-koenig.de)

**Bank contact:** Hypo-Vereinsbank Augsburg  
BLZ 720 200 70  
Kto.- Nr. 677 010 3272

**Year of Foundation:** 1997

**Subject of company:** Design, delivery, installation, setting going and maintenance of plants or units. Our main features of services are:

- Special plants (customer-developed specification)
- Dosing stations for Chemical and waste water treatment Industry
- Dosing stations for power plants
- Production plants for semiconductor technology
- Engineering and consulting
- Fuel depots and conveying stations for inflammable and water endangering substances
- Design, calculation and delivery of pressure feed and heating pipelines for power plants

**Business sales:** 0,7 – 1,0 Mio € per anno

**Fiscal year:** According to calendar

**Employees:** < 10

**CEOs:** Norbert Kaiser  
Dipl.-Ing. Thomas Rautenberg

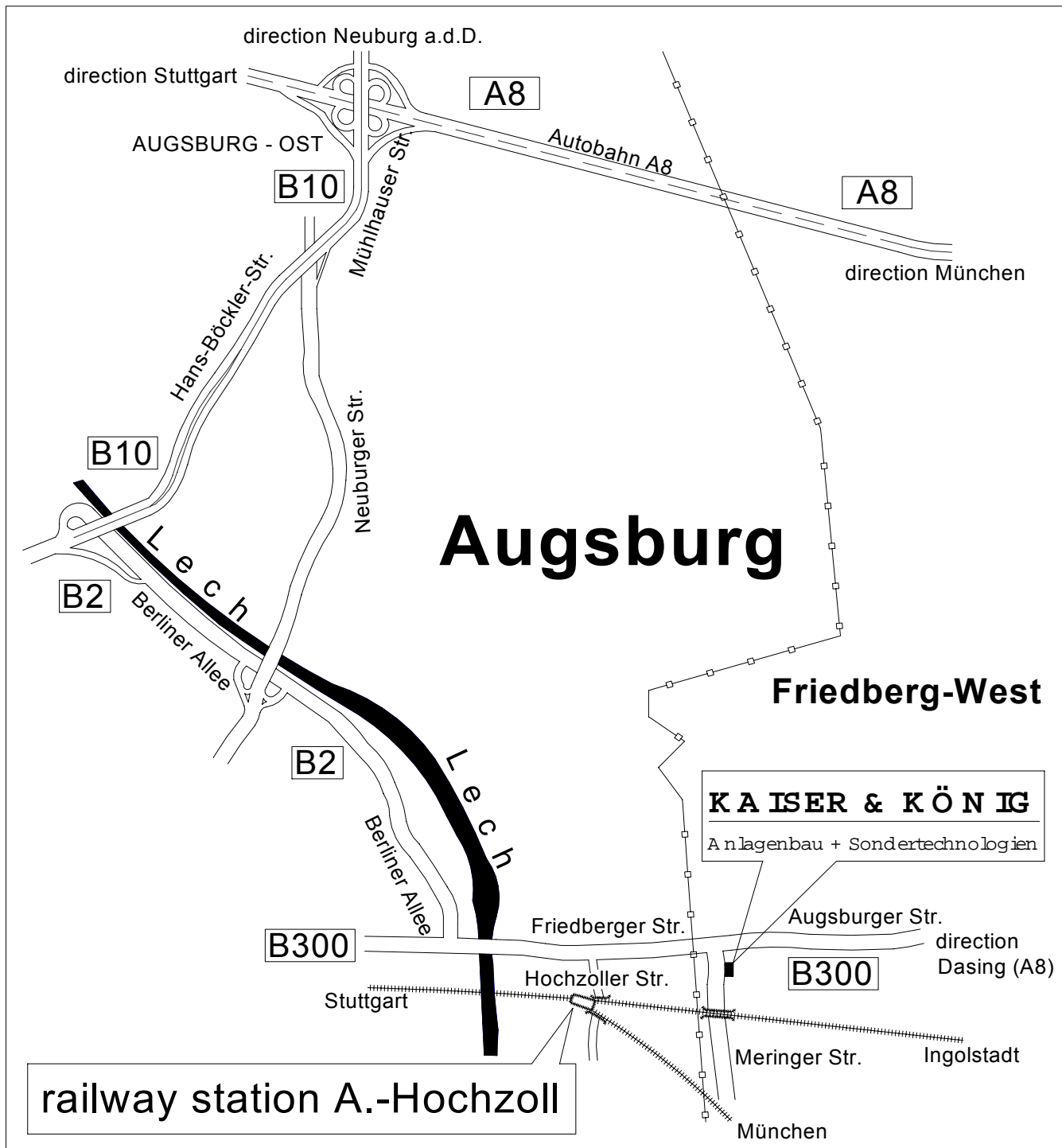
**Sales-tax ident.-No:** DE 812230422

**Register of trade:** HRB 15700  
Registergericht Augsburg (Germany)

**contact:**

**KAISER & KÖNIG**

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Yours sincerely

The Kaiser & König Team

**KAISER & KÖNIG GmbH**

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