



The Guttroff Company Group

Company Brochure



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More than 100 years of tradition

A company with a past and a future

Welcome to Guttroff

Sauerstoffwerk Friedrich Guttroff GmbH traces its origins back to the Kraftwerk Reicholzheim GmbH, founded in 1925, whose shares were acquired by Friedrich Guttroff in 1929. Since then, the company has remained family-owned.

The original objective of Kraftwerk Reicholzheim GmbH was to supply electricity to the surrounding villages using hydropower. In 1933, gas production was established, as the planned electricity distribution was not feasible at that time due to the prevailing circumstances. Even the wartime interruptions between 1939 and 1945 did not hinder the steady growth of the company. In this way, Guttroff evolved into a well-known and reputable producer of technical and medical gases, as well as an established supplier of welding technology.

Between 1995 and 1999, the Group experienced significant growth and, through the acquisition of additional companies, expanded into new federal states. At Plant II in Pöbneck, a state-of-the-art analytical laboratory was established. The focus here remains on continuous process optimization and compliance with quality standards. Providing optimal customer service and achieving the highest possible customer satisfaction are top priorities. This commitment to quality has been regularly ISO-certified since 1996.

In 2005, the air separation plant in Dettelbach was commissioned. To demonstrate the latest technical capabilities to customers, the Würzburg Technology Center with 1,000 m² of exhibition space opened in 2017. Guttroff also sets an example in sustainability by investing since 2024 in green hydrogen, which will begin production at the Dettelbach site in 2026.

The Group now employs around 280 people at 12 locations throughout Germany. Thanks to their continuous commitment and technical expertise, are shaping the next 100 years of our company's history.

We look forward to having you become a part of it.

Tobias Guttroff

Tobias Guttroff
Chief Executive Officer



The Technology Center in Würzburg is a modern representative building with 1.000 m² of exhibition space



The "Cold Box" in Dettelbach



The beginnings from 1925



The "gas taxi" around 1950



Analysis laboratory at the oxygen plant, 1955

An eventful history

- **1925**
Foundation of Sauerstoffwerk Friedrich Guttroff GmbH

The founding buildings, located in Wertheim, today house the company's headquarters. The origins lay in gas production.

- **1970 to 1995**
Expansion and diversification of business areas

Through the acquisition of various subsidiaries, the company also reached the new federal states.

- **1995 to 1999**
Construction of Plant II in Pöbneck

In addition to gases for technical and medical purposes, the fields of welding and automation technology were also integrated. The company increasingly focused on customer orientation and quality management.

- **2005**
Commissioning of the air separation plant in Dettelbach

The plant supplies customers in southern Germany with nitrogen, oxygen, and argon for all applications, as well as filling plants for cylinders, gases, and bundles. The production of green hydrogen will also continue to take place at the Dettelbach site in the future.

- **2017**
Establishment of the Technology Center

The centerpiece of the Group features over 1,000 m² of exhibition space with state-of-the-art welding and robotics technology, as well as various laser cells. Welder training and certification are also possible here.

- **Since 2024**
Company expansions, investments in green hydrogen production, and continuous investments across all business areas

280 employees at 12 locations throughout Germany are dedicated to gases, welding technology, automation technology, and green hydrogen.

This is where our expertise lies

The business areas of the Guttroff Group



www.guttroff.de



Instagram: [guttroff_unternehmensgruppe](#)



LinkedIn: [Guttroff Unternehmensgruppe](#)



Gases for Technology, Medicine and Food Industry

- + Gaseous and cryogenically liquefied
- + Oxygen, nitrogen and argon
- + Hydrogen, carbon dioxide, acetylene, helium, ammonia, propane
- + Gas mixtures and shielding gases for welding
- + High-purity, calibration and specialty gases

Automation Technology

- + Machines and equipment for shielding gas, electric, plasma and oxy-fuel welding
- + Filler materials
- + Oxy-fuel systems
- + Resistance welding
- + Laser cutting and welding
- + Extraction systems
- + Repair service

Own Brands in Industrial Supply

- + Occupational safety
- + Compressed air technology
- + Workshop equipment
- + Cleaning devices
- + Abrasives
- + Power tools
- + Laser cells
- + Welding wires

Green Hydrogen

- + Production starting May 2026 at the Dettelbach site for complete supply with sustainable energy
- + Own vehicle fleet for hydrogen
- + Hydrogen for mobility in road and maritime transport, special machinery logistics, construction, agriculture, energy generation and storage
- + Public hydrogen refueling stations



Refrigeration and Process Engineering

- + Rapid cooling systems for meat mixers, tumblers and cutters
- + Cryogenic quick-freezing systems for cold pasteurization, quick-freezing and slicing
- + Environmentally friendly systems for pest control, vehicle cooling and extending food shelf life

Supply Engineering and Plant Construction

- + Supply facilities, tank and pipeline systems
- + Gas mixing systems
- + Consulting and engineering
- + Maintenance and service
- + Remote tank monitoring



Technology Center Würzburg

- + Technology Center in Würzburg with approx. 1.000 m² of exhibition space for the latest welding and cutting technologies from leading suppliers
- + Machine and robot demonstrations
- + Welder training and certification available
- + Can be booked as a location for corporate events
- + Equipment rental



Your training at Guttroff

- + Diverse training opportunities at various locations
- + Option for dual study programs
- + Attractive training benefits



We belong together

These companies make up the Guttroff Group

Sauerstoffwerk Friedrich Guttroff GmbH

Richolfstraße 90 in 97877 Wertheim
phone: +49 9342 2920

- + Head office
- + Technology and laboratory
- + Filling plant

Technologiezentrum Würzburg

Faulenbergstraße 7 in 97076 Würzburg
phone: +49 931 2705190

- + Technology center with exhibits
- + Welder training including certification
- + Welding and robotics demonstrations

Standort Heidelberg

Hans-Bunte Straße 16a in 69123 Heidelberg
phone: +49 6221 775026

- + Gas supply point
- + Welding technology
- + Service

Guttroff Gase- und Industriebedarf GmbH

Naßbäckerstraße 25-27 in 07381 Pöbneck
phone: +49 3647 41000

- + Plant II with laboratory, filling plant, technology, service
- + Welder training including certification
- + Plant engineering

Guttroff GmbH

Adolf-Oesterheld-Straße 29 in 97337 Dettelbach
phone: +49 9324 9821350

- + Air separation
- + Production of oxygen, nitrogen, and argon
- + Production of green hydrogen with H2 filling station

Guttroff Schweißtechnik GmbH & Co. KG

Am Heilbrunnen 71-75 in 72766 Reutlingen
phone: +49 7121 14950

- + Welding technology and gas supply point
- + Service and technical department
- + Product management of Guttroff brands

Philipp Greber GmbH

Schopperstraße 29 in 97421 Schweinfurt
phone: +49 9721 730860

- + Gas supply point
- + Welding technology
- + Service

Paul von der Bank GmbH

Straßerhof 32 in 51399 Burscheid
phone: +49 2103 24590

- + Plant construction and automation technology
- + Welding technology and gas supply point
- + Assembly, repair and maintenance

Schweißtechnik Siegerland GmbH

Hellerrain 7 in 57290 Neunkirchen
phone: +49 2735 6580850

- + Welding, cutting and gas technology
- + Repair and maintenance service
- + In-house repair workshop

MSS Magdeburger Schweißtechnik GmbH

An der Sülze 6 in 39179 Barleben
phone: +49 39203 75193

- + Welding and cutting technology
- + Environmental technology
- + Special systems

Schnelldorfer Maschinenbau GmbH

Kappelweg 6 in 91625 Schnelldorf
phone: +49 7950 98890

- + Spare parts supply and maintenance
- + Mechanical engineering with proprietary products
- + Automation technology

Adam Scheidter GmbH

Wailandstraße 7 in 63741 Aschaffenburg
phone: +49 6021 84720

- + Gas supply point
- + Welding technology and service

We are always here for you!



Your contact partners.
Find your nearest location at
www.guttroff.de or scan the QR code

Gases for technology, Medicine and the Food Industry

Accelerating together with gas! Guttruff Gas Production

Technical Gases in Steel Cylinders

Product Name	Purity and Composition	Cylinder and Bundle Types	
		Single cylinders	Bundles
Argon	99,996%, 99,998%, 99,999%, 99,9999%, for spectrometry	✓	✓
Compressed Breathing Air	according to DIN EN 12021	✓	
Helium	99,996%, 99,999%, 99,9999%, ECD-quality	✓	✓
Carbon Dioxide (also with dip tube)	99,7%	✓	✓
Carbon Monoxide	99,5%	✓	
Methane	99,5%, 99,95%, 99,995%	✓	✓
Oxygen	99,6%, 99,95%, 99,995%, 99,999%	✓	✓
Sulphur Hexafluoride	99,9%	✓	
Nitrogen	99,8%, 99,999%, 99,9999%	✓	✓
Synthetic Air (also hydrocarbon free)	80% N2, 20% O2	✓	
Hydrogen	99,9%, 99,999%	✓	✓

Special, laboratory, and test gases available on request

Air Separation Plant at Dettelbach Site

The air separation plant in Dettelbach began production in autumn 2005 and supplies our customers in southern Germany with nitrogen, oxygen, and argon for all areas of application

The plant is equipped with state-of-the-art process control and analysis systems. In the 36-meter-high so-called "Cold Box," the atmospheric gases are separa-

ted using the rectification process. With the commissioning of the air separation plant, Guttruff GmbH has strengthened its market position and supply security, setting the course for the future.

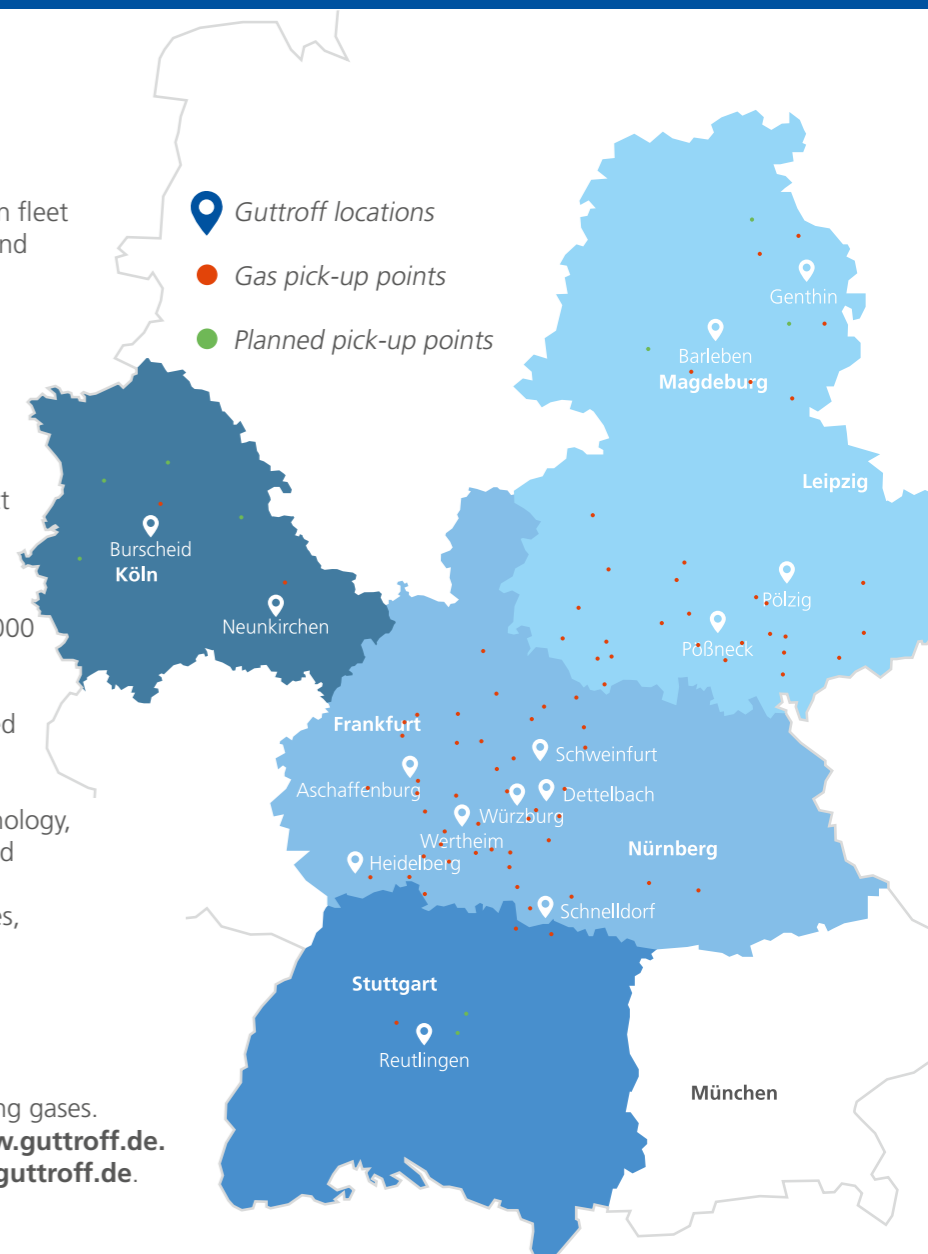
Schedule a visit

Please feel free to contact us to arrange an appointment at: +49 9324 9821350



Our Gas Service

- + High supply reliability through our own fleet of vehicles for transporting cylinders and cryogenically liquefied gases
- + Risk assessment, regular inspections, and training
- + Option for remote tank monitoring
- + Customer consulting, planning, project design, and installation of central gas supply systems and pipeline networks
- + Certification according to ISO 9001/2000
- + Maintenance, repair, and continuous support for gas supply systems installed at customer sites
- + Gases for welding, cutting, laser technology, mechanical and steel engineering, food technology, biochemistry, medicine, pharmaceutical and chemical industries, and automation

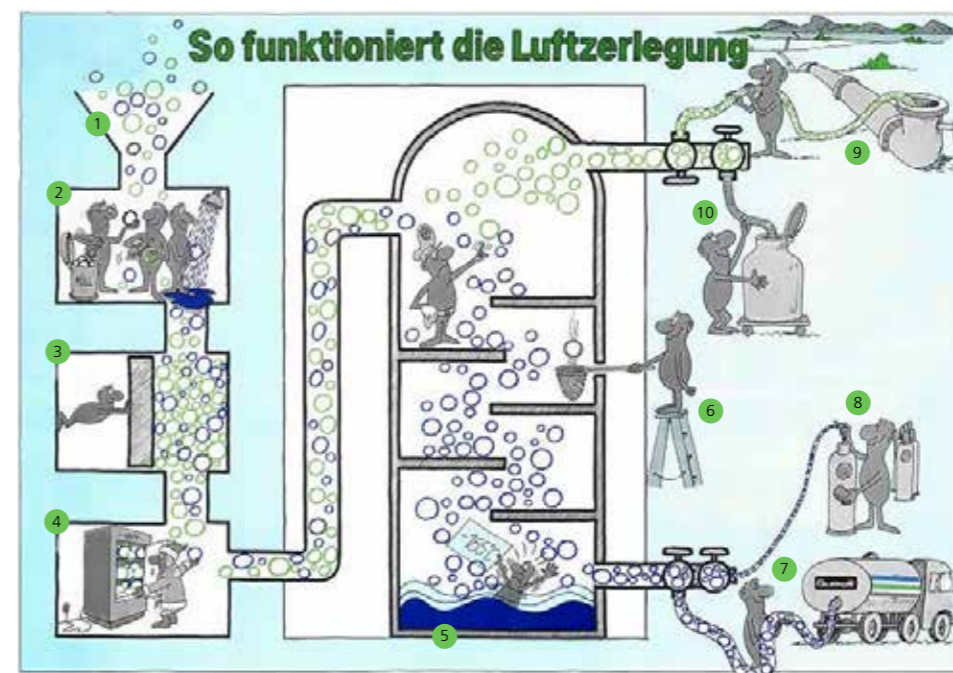


Welding Shielding Gases

We offer a wide range of welding shielding gases. An overview can be found online at www.guttruff.de. For inquiries, please contact us at gase@guttruff.de. Scan the QR code for more information.



More Information
Online at www.guttruff.de



- How Air Separation works**
1. Air intake
 2. Pre-cleaning
 3. Compression
 4. Pre-cooling
 5. Separation
 6. Argon extraction
 - 7-10. Filling

Technology, Safety, and Efficiency, all from a Single Source

Your Partner for Everything related to Welding Technology

Premium Products for the highest demands

We support you reliably and individually in your projects involving welding and automation technology — from the initial idea to the completed system. Whether you need a welding machine or an entire production line, you will always receive competent and comprehensive support from us.

- + **Welding and Cutting Equipment**
From manual to fully automated — equipment technology from leading, renowned manufacturers
- + **Welding Consumables**
Premium range and our own brand **BWG**
- + **Torch and Oxy-Fuel Technology**
Precise, durable, and from reputable brands
- + **Chemical Products and Consumables**
Efficient, economical, and reliable
- + **Workplace Equipment for Welding**
Welding tables, complete workstations, and modern extraction systems
- + **Occupational Safety and Accessories**
Personal protective equipment for maximum safety



Service and Application Technology

Our Technology Center in Würzburg is home to our central application engineering department. Here, our experts offer a comprehensive range of services for you:

- + Training courses for beginners and professionals
- + Welder qualification tests according to standards
- + Consulting, materials science, and optimization of welding parameters
- + Equipment configuration for maximum productivity
- + Showroom with over 1.000m² featuring state-of-the-art welding technology and exhibits

Technology Center Würzburg
Faulenbergstraße 7 | 97076 Würzburg
phone: +49 931 2705190 | Email: swt@guttruff.de



Our own Brand: BWG (Best Welding Gear)

- + High-quality welding protective equipment including helmets, gloves, and jackets
- + Extensive range of consumables and wear parts
- + Proprietary development: the "LaserCell" welding cell, designed to protect against stray radiation during manual laser welding, offered as a Plug & Play solution



Automation and Technical Service

- + **In-house Mechanical Engineering**
High manufacturing depth and customized solutions
Design and electrical engineering departments for complete system integration
- + **Automation**
Planning and implementation of tailor-made welding and cutting robotics
Flexible welding cells and laboratory facilities for testing and process optimization



Our Subsidiary
Schnelldorfer Maschinenbau GmbH
For the future of welding



Your Responsible Sales Representatives

Visit our website and find your personal contact by entering your postal code:

www.guttruff.de

We are a certified partner of the following brands:



Guttroff goes green

We move your future

Green Hydrogen by Guttroff

In 2024, as part of the BayFELI initiative in Munich, we received the symbolic funding approval of 5 million euros from the Deputy Bavarian Minister President Hubert Aiwanger for our green hydrogen production project. Our goal is to initiate local production of green hydrogen within the region.

What are Guttroff's plans?

Starting in 2026, we plan to produce green hydrogen from renewable energies in Dettelbach using an H₂ electrolyzer with a total capacity of 5 megawatts. The project also includes storage systems and a hydrogen refueling station for both trucks and cars. Additionally, the waste heat generated by the plant is intended to be utilized by the city of Dettelbach and surrounding municipalities and industrial companies.

Strong Partners by our Side

In cooperation with renowned partners such as ITM Power, Atlas Copco, Hexagon Purus, and Lauda GmbH, we look confidently toward the successful realization of the hydrogen project.

We are especially pleased about the first contract signed with Ryze Power GmbH.

Groundbreaking Ceremony in July 2025

On July 30, 2025, the symbolic groundbreaking ceremony took place at our Dettelbach site, attended by around 80 guests from politics, the public sector, trade, and industry. Bavarian Deputy Minister President Hubert Aiwanger and numerous local politicians emphasized the great importance of the H₂ ramp-up and, through their participation, demonstrated the strong commitment to promoting and investing in Germany's hydrogen future.

Guttroff's green hydrogen production will include, at the start of operations in May 2026, a 5-MW electrolyzer from our partner ITM Power, a compression system, a hydrogen storage unit, four trailer filling stations, and a public hydrogen refueling station for trucks, cars, and buses.



On July 30, 2025, we celebrated the symbolic groundbreaking ceremony at our production site in Dettelbach

The funding approval was officially presented by Mr. Hubert Aiwanger, Bavarian State Minister for Economic Affairs, Regional Development and Energy

© StMWi/Elke Neureuther



Illustration of the plant at the start of production in May 2026

Project Stages

- Project start and conceptual design
Since July 2023
- Ceremonial groundbreaking
On July 30, 2025
- Start of construction
From September 2025
- Commissioning of the plant
In April 2026
- Start of production
From May 2026



Don't miss any updates!
Scan the QR-code for all information about green hydrogen



Do you have any questions about this topic?
Feel free to get in touch with us!

Guttroff GmbH

Air separation plant and production site for green hydrogen

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The Guttroff Group of companies is a member of the



The Guttroff Group

Your expert for welding
technology and gases **for more
than 100 years!**

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Friedrich Guttroff GmbH**
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