

TEHROTECH
GmbH



**Electroplating for all of your
metal finishing requirements**
„Made in Pforzheim“

Surface refinement

TEHROTECH GmbH

TEHROTECH is an innovative electroplating contractor based in Pforzheim, the 'City of Gold', specialising in small racked or bulk components.

Equipped with state of the art machinery and currently staffed by around 30 highly motivated employees, the company is ideally placed to meet the demands of the future. It goes without saying that TEHROTECH is certified to ISO 9001:2015 and thus fully complies with the highest demands of this sector. Drawing on almost 40 years of experience, the company is always the right partner when it comes to challenging metal finishing projects.

TEHROTECH GmbH was founded in 1978 under the name PMO, becoming Franz Konrad Galvanotechnik GmbH in later years. In 2002 the company name was changed to Teherani Oberflächentechnik GmbH, or TEHROTECH GmbH for short. In 2017, management of this well established electroplating company passed to Elvis Aliov, who was previously in charge of operations.



TEHROTECH

Precision to the ultimate level.

This is the goal to which our highly competent team aspires, drawing on all the resources of its rich fund of experience and its innovative and advanced specialist knowledge. With a production area extending over more than 3000 m² and state of the art equipment, we are one of the leading specialists in plating

and are continuously expanding our expertise.

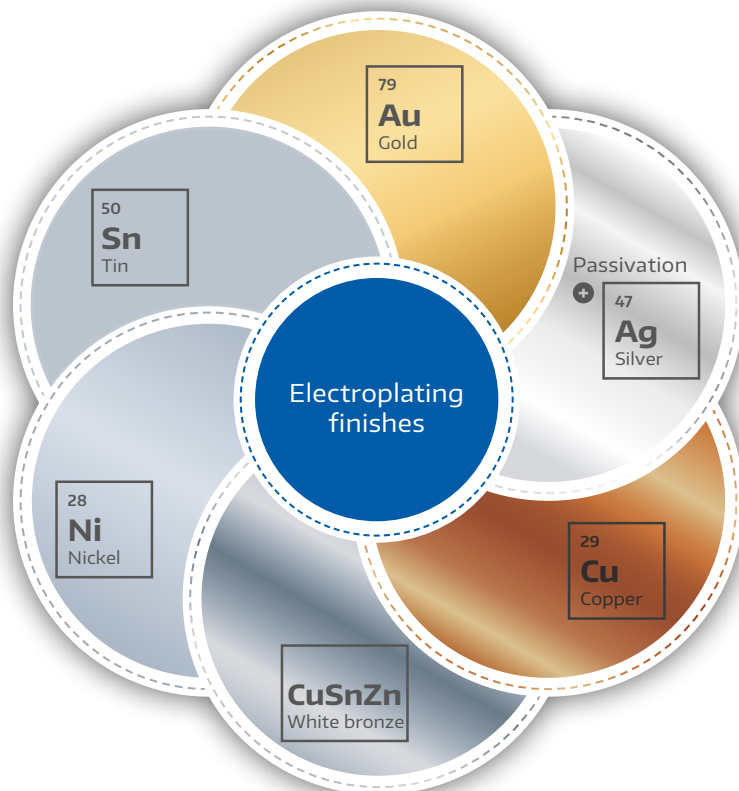
We electroplate products for a customer base that has been established over many years – from the electrical, electromechanical and precision engineering industries, alongside the automotive and medical equipment fields.

Our portfolio includes the following coatings

We specialise in RACKED- und BULK-COMPONENTS and can finish

- + turned,
- + milled,
- + stamped and
- + laser cut components

in gold, silver, white bronze, nickel, tin and copper.



Galvanische Oberflächen und ihre Eigenschaften.

(Au)
Gold



CHARACTERISTICS:

- ⊕ High reflectivity
- ⊕ High oxidation resistance
- ⊕ Highly ductile coatings
- ⊕ Very good conductivity
- ⊕ Retains its lustre
- ⊕ Good brazeability
- ⊕ Low contact resistance
- ⊕ Hardness 140 – 200 HV
- ⊕ Coating thickness generally 0.1 – 3 μm

(Ag)
Silver



CHARACTERISTICS:

- ⊕ Shiny metallic finish
- ⊕ Maximum electrical and thermal conductivity
- ⊕ Low contact resistance
- ⊕ Coating thickness generally 1 – 10 μm
- ⊕ Hardness 90 – 110 HV
- ⊕ Good brazeability
- ⊕ Highly ductile coatings

(CuSnZn)
White bronze



CHARACTERISTICS:

- ⊕ High reflectivity
- ⊕ Good electrical conductivity
- ⊕ Low contact resistance
- ⊕ Good oxidation resistance
- ⊕ Better characteristics than silver
- ⊕ Retains its lustre
- ⊕ Coating thickness generally 2 – 4 μm
- ⊕ Hardness 450 – 500 HV

Our promise ... highest quality.

Supplying perfect products is our highest ambition. To achieve this, we train all our employees to be quality conscious every step of the way, so meeting the ISO 9001:2015 standard.

This goal is supported by

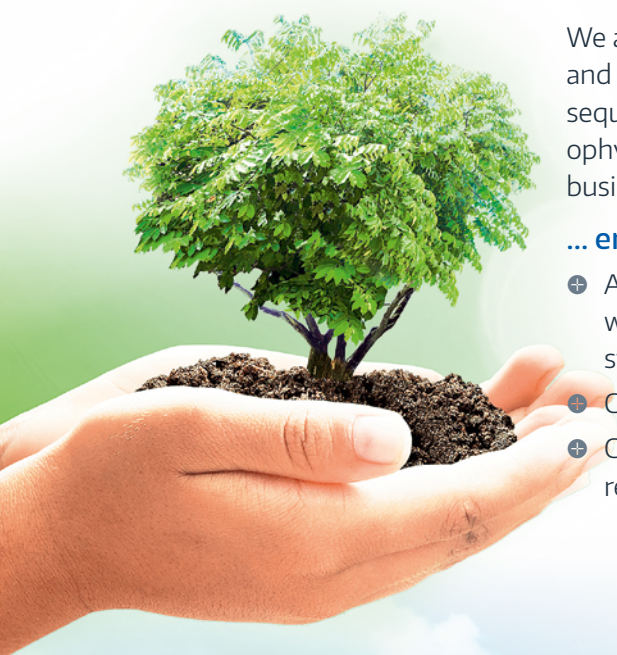
- ⊕ Defined control limits
- ⊕ Measuring and testing apparatus
- ⊕ In-house laboratory for spectroscopic and chemical analysis
- ⊕ Consistent processes
- ⊕ Permanently reproducible quality standards
- ⊕ Comprehensive documentation



Certificate
DIN ISO 9001 : 2015



Treating people and ... the environment responsibly.



We are fully aware of changing social and environmental aspirations. Consequently, we have adopted a philosophy of sustainability throughout our business. Our actions are therefore ...

... environmentally responsible

- ⊕ Analytic monitoring of waste water treatment, fully respecting statutory limits
- ⊕ Certified recycling of metal sludge
- ⊕ Compliance with RoHS requirements

- ⊕ Technically safe storage of chemicals
- ⊕ Re-use of packaging

... ethically sound

- ⊕ We never use materials from conflict regions
- ⊕ We adhere to ethical guidelines in our relationship with people and the environment

DELIVERY AND COLLECTION SERVICE

- ⊕ Our own fleet of vehicles
- ⊕ Full handling service with delivery partners

Through our logistics service, we can guarantee you smooth and timely collection and delivery of your products, using our own delivery fleet and in cooperation with national delivery companies.

Tehrotech quality and well-grounded expertise are convincing in themselves. We would be delighted to work on a specific project with you!

Our team is here for you 24/7.



Tehrotech GmbH

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TEHROTECH GmbH

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