



PERFECT CLEANLINESS

Custom-fit solutions for degreasing,
precision cleaning & preservation of
components.





UTMOST PRECISION

System partners of the metalworking sector across the globe.

Höckh Metall-Reinigungsanlagen GmbH is an owner-managed, medium-sized family business in its second generation. Since 1972, Höckh cleaning systems have been used worldwide as an integral part of the process chains of many industrial production facilities. Through our wide portfolio from **compact standard systems** to **customer-specific large-scale systems**, users of all industries and company sizes rely on us as system partners.

The premise for our **high-quality construction and production** is utmost precision. We insist on **first-class components** and attach great importance to **uncompromising quality** and **international availability** for service to ensure that you can benefit from your systems in the long term. We are constantly working on improving our plants and system solutions and have been able to distinguish ourselves, not least regarding the forward-looking possibilities of **Industry 4.0**.

Get in touch with our specialist consultants and we will show you the optimal solution for your application. We look forward to your enquiry!



Dipl.-Ing. Michael Höckh
Director



Dipl.-Kfm. Joachim Höckh
Director

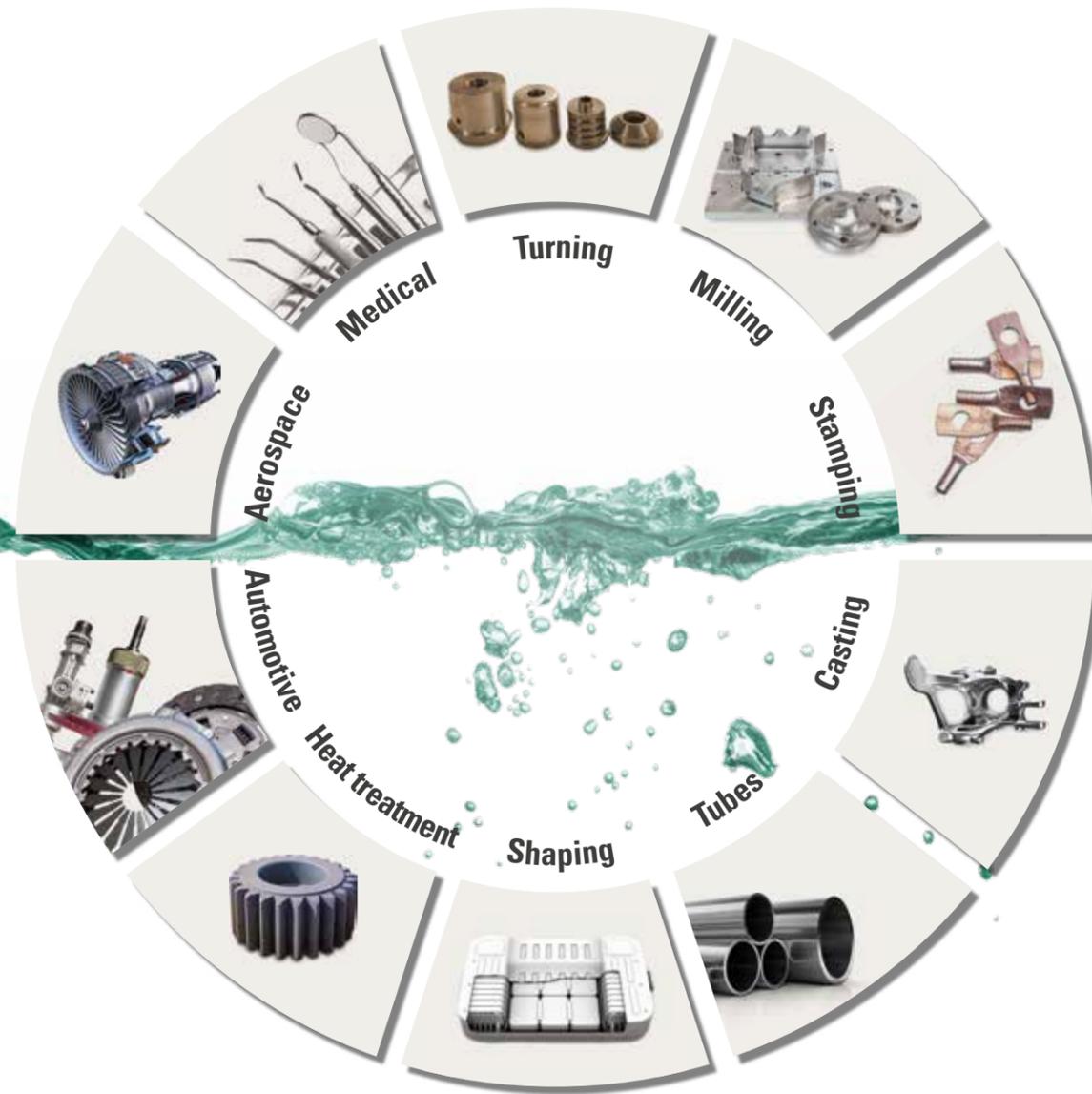


CLEANLINESS FOR ALL INDUSTRIES

Benefit from our industry expertise.

Worldwide, companies from a wide range of industries rely on our cleaning technology. The optimal cleaning system is as individual as the specific part itself. As a specialist in parts cleaning, we

offer solutions for all sizes of parts, and for different contamination levels and cleanliness requirements. Rely on our many years of expertise as a powerful partner in the following industries.



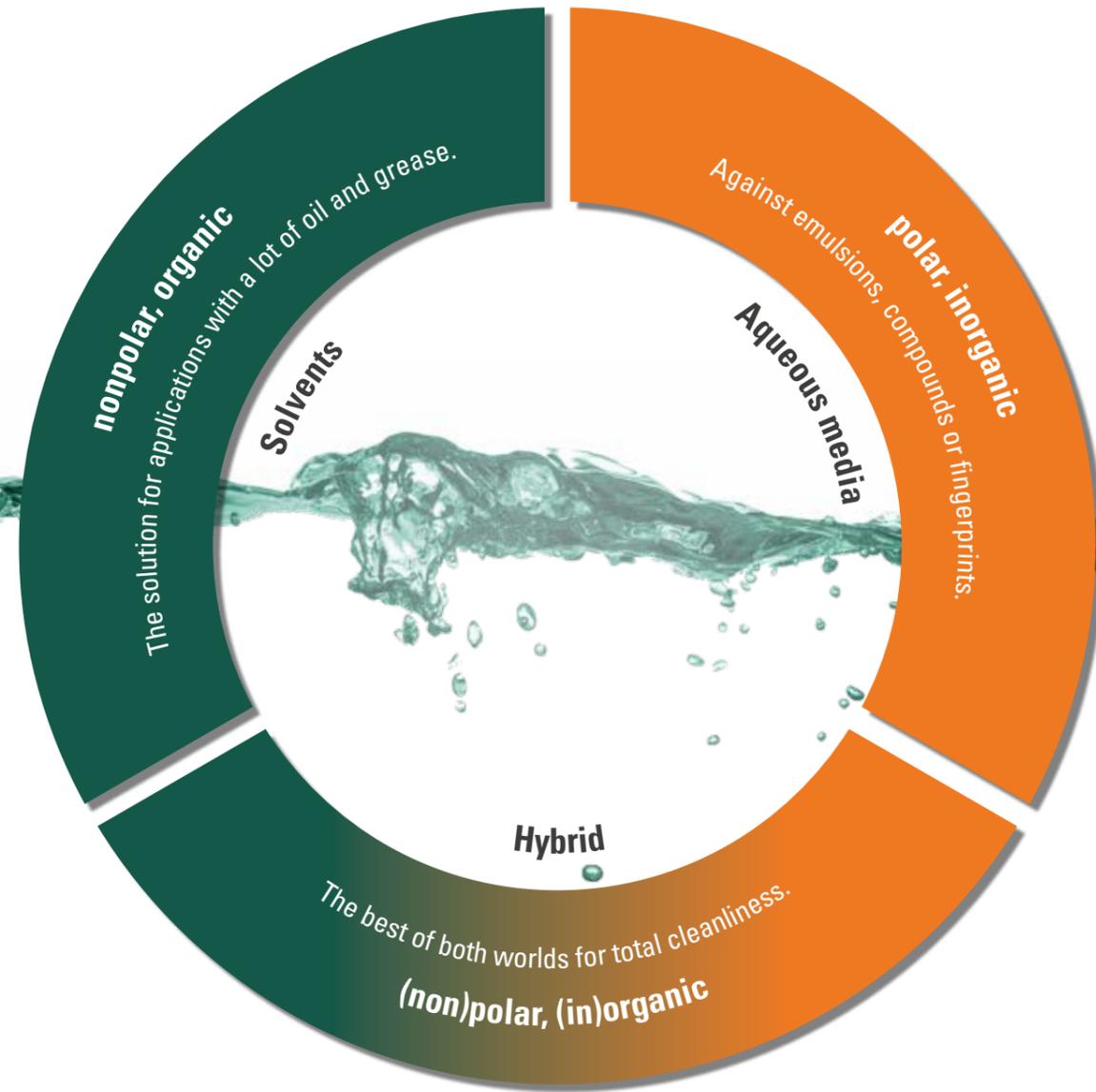
We offer solutions for a wide variety of applications – almost certainly for yours as well!
Talk to us and let us inform you in a comprehensive consultation.

DIFFERENT CLEANING MEDIA

No opportunity for dirt of any type.

No matter whether your parts are contaminated with oils and grease, emulsions and compounds, sanding dust, abrasion or chips – our systems represent the highest quality in cleaning. We offer **solvent** systems with full vacuum technology

as well as systems for cleaning with **aqueous** media. It is also possible to combine the two processes: you can rely on our **hybrid systems** with solvent-based full vacuum cleaning and an added aqueous stage.



With the right cleaning system, you can defy any type of contamination or dust and debris.
Our experts will gladly help you choose the right cleaning medium.

STANDARD SYSTEMS

Sophisticated system technology in a compact format.



Our standard systems, which are popular all over the world, combine sophisticated process technology, first-class components only, variable controls, and a maintenance-friendly system design into a compact format. They impress with their vacuum-assisted cleaning technology and diverse program options such as spray-

ing, flooding, pressure surges, ultrasound and much more. Their closed system makes them environmentally friendly, safe and energy efficient. A conveyor with automatic loading equipment can be retrofitted at any time. We manufacture in small batches, which ensures short lead times.

The plant design, the competence of the staff and of course the cleanliness of the parts were the decisive criteria for our purchase decision.

Gerd Arand, Josef Ganter GmbH, Dauchingen (medical technology)

Our turning shop was looking for a solvent-based parts cleaning system. We opted for a compact MULTICLEAN LC-III, which we operate with modified alcohol. It cleans all our components reliably and with minimal effort for the operator.

Marc Gogel, Alfred Kärcher GmbH & Co KG, Winnenden (professional cleaning devices)

Application example

Powerful standards

Hittech Prontor GmbH in Bad Wildbad manufactures, among other things, mechatronic assemblies, CNC-machined precision parts as well as system groups for the fields of medicine, analytics and semiconductor optics. For cleaning, two standard Höckh systems are used: MULTICLEAN-LC-III for degreasing with modified alcohol and MULTICLEAN-A STANDARD for aqueous cleaning before final surface treatment.

Application example

Top residual contamination values

NSI Präzisionsdrehteile GmbH in Lörrach manufactures, among other things, precision turned parts for safety systems in the automotive industry. For parts cleaning, the company relies on the affordable systems of the MULTICLEAN-S PRO series for the use of solvents under full vacuum conditions. Despite high oil and chip input, the components reliably achieve the required residual contamination values of the end customers.



CUSTOMER-SPECIFIC SOLUTIONS

Systems for special tasks.



In order to meet the requirements of your individual applications, we develop and manufacture tailor-made parts-cleaning systems of all sizes and with all process technologies, specific to your needs. We design your system on modern 3D-CAD workstations and can thus already pre-

sent you a meaningful layout during the offer stage. In production, we rely on standardized components, modern pipe installation technology, our own electrical planning and extensive quality controls and test runs before delivery.

Our new cleaning centre works very reliably. We can now satisfy the very high demands of our customers. Compared to others, the system is very low maintenance.

Reto Maffioli, Advaltec Styner + Bienz AG, Switzerland (automotive components)

In addition to component quality, we, as a cleaning service provider, focus on operating costs and system availability. With Höckh we have found a partner who implements our wishes in a customised manner and produces solid and economic large-scale systems.

Kai Lechner, VIA Oberflächentechnik GmbH, Lennestadt (cleaning service provider)

Application example

In-line cleaning and drying

For the high-precision cleaning of transmission components, a Chinese automotive supplier operates several line-integrated systems of the MULTICLEAN-A MAX series. The special feature: the aqueous cleaning, rinsing and drying process is distributed in-line in two working chambers. Finally, the components leave the system via a lock connection directly into the clean room.

Application example

All sizes of parts cleaned perfectly

In the aviation industry, engines do not just consist of large-volume components. That's why a British manufacturer has invested in an individually configured MULTICLEAN-S MAX solvent system. The full vacuum system has a large chamber for vapor degreasing of housing components and a small chamber for the precision cleaning of smaller components with ultrasound.



TECHNOLOGY CENTER & LABORATORY

Live trials and technical analyses.

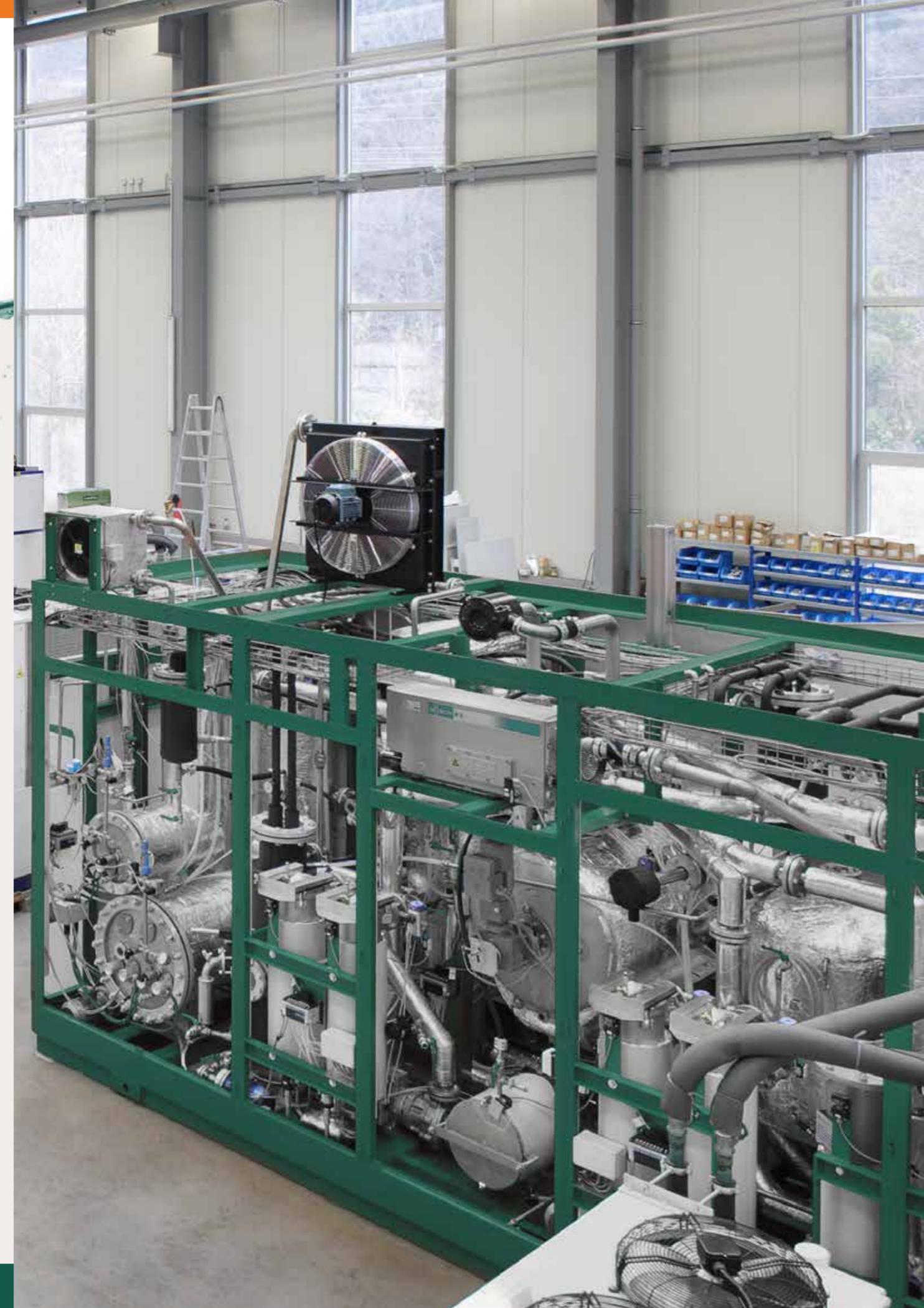
Cleaning trials in the technology center

At our technology center, there are various serial systems with different media available for cleaning trials. We identify the technology that is suitable for your specific task together. Our consultants will illuminate your entire process chain in a personal discussion and advise you comprehensively and competently in order to find the best solution in terms of both quality and value for you.



Technical cleanliness / Analyses

Depending on the application, there are different requirements for component cleanliness. To determine these, our in-house laboratory is well equipped with a rinsing cabinet, drying oven, analysis scale and digital particle measuring microscope. Evaluation is based on relevant standards such as VDA 19 or ISO 16232, or your company-specific specifications.



CONTACT

How to reach us.

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Local distributors can be found on
our website.

Three principles of our success



A good business deal always
has two partners.



Quality is when the customer
returns, not the product.



We are a team –
and together we are strong.

