

## Company

### A single source for leveling and deburring solutions

ARKU leveling and deburring centers are the focal points for customers and interested parties.

ARKU leveling and deburring centers are the focal points for customers and interested parties. ARKU offers leveling and deburring from a single source and sells its machines all over the world. At the same time, the Baden-Baden based

machine manufacturer also offers contract work on its machines. "We have the world's largest range of precision levelers and innovative deburring technology for our customers," says Alexander Enke. He is an application technician at ARKU

do not wish to invest in their own machines. In this case, the range of services includes the processing of a wide variety of sheet metal parts and plates. Test runs are also carried out on parts that customers wish to have processed. New machines and



The leveling and deburring center in Baden-Baden is equipped with state-of-the-art machines.

and constantly looks for solving challenges in difficult leveling and deburring scenarios. "Almost everything our customers need in terms of equipment or expertise for leveling and deburring can be found in our leveling center," continues Enke. The leveling and deburring centers at the Baden-Baden site and in Cincinnati (USA) and Kunshan (China) have developed into hubs for ARKU and its customers. The most modern machines are located there. Interested parties can test them in detail together with ARKU experts.

At the same time, the centers are also the contact point for contract leveling and contract deburring. ARKU offers this service to customers who

developments can also be trialed. Besides the processing itself, the final inspection of parts is also part of the range of services. Additionally, the focus is on advice and training on the precision levelers and deburring machines. In order to not miss any crucial details, every order is completed in close consultation with the customer.

Subcontracting covers a large number of very different industries, all of which have to do with various metal types. Some of the industries include machine manufacturers who need parts for further processing, as well as steel suppliers who have blanks leveled and deburred. For the automotive industry, ARKU processes

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ARKU leveled high-quality façade components for the JP Morgan bank headquarters on Park Avenue in Manhattan.



(f.l.t.r.) Dr. Jochen Kappler, Technical Managing Director, Albert Reiss, Chairman of the Advisory Board and Gottfried Sihler, Chairman of the Management Board at ARKU.

### Lots going on at ARKU

We are in preparation for EuroBLECH, where we will present new innovations. We are also in the process of opening a new leveling center in Spartanburg (SC), USA.

We also have news to announce in regard to our company management. After 38 years as General Manager, I moved to the Chairman of the Advisory Board as of October 1, 2024. My successor as Chairman of the Management Board is Gottfried Sihler, with whom I have already had the pleasure of working with for a year. Dr. Jochen Kappler, who has been the Technical Managing Director since 2020 will stay in his position.

You can meet all three of us in Hanover at the EuroBLECH. Make sure to stop by and enjoy a cappuccino or a healthy cocktail.

How does that sound?

The entire ARKU team looks forward to your visit in hall 11, booth A94.

Albert Reiss  
Chairman of the Advisory Board

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large and small job orders for various vehicle types. Most recently, the Baden-Baden based company even attracted attention with a very special order: For the headquarters of the JP Morgan Chase bank in New York, ARKU leveled copper façade parts that were sent across the pond. They now lend a special flair to the outside of the bank's enormous skyscraper in Manhattan.

The range of leveling services covers a wide range of thicknesses and widths. Even frequently changing parts or small quantities are no problem for the specialists at the centers. "We can react relatively quickly to customer requests and offer solutions if necessary," emphasizes Enke. Flexibility is one of ARKU's greatest strengths. As a result, there is almost no minimum limit to the number of parts that can be processed - and no maximum quantity limit either. The ability to run the machines in multi-shift operation also enables orders to be processed quickly and efficiently. Customers appreciate this: In order to be even closer to its customers, ARKU is opening another location in Spartan-



Every day, customers at leveling and deburring center receive professional advice and training. Alexander Enke, application technician at ARKU explains the roller leveling process.

burg, South Carolina, USA. In the future, sheet metal and heavy plate will be leveled there to the usual ARKU standard. The leveling centers will therefore

continue to play an important role at ARKU in the future. Increasing automation creates new opportunities, for example to expand the range of parts to be

processed. Technical development also remains an ongoing topic. The aim is to underpin ARKU's strong market position.

## Coil lines

# From coil to tractor-

## How a coil system saves 20 percent material costs.

Asbach-Bäumenheim, Germany - The demand for Fendt agricultural machinery has increased significantly, which is why the company has now switched to continuous production with laser cutting from coiled sheet metal. Fendt tractors inspire children and adults worldwide. Florian Hammel, responsible for strategic plant and technology development at the Fendt plant in Asbach-Bäumenheim, is proud of the fact that all green-painted parts of a Fendt tractor come from his plant.

Employees of Fendt manufacture the sheet metal for the outer skin of the tractor cabs and hoods. Previously, a standard flatbed laser cut the body panels directly from sheet metal. However,



Thanks to the high efficiency and productivity gains, the coil laser system pays for itself very quickly at AGCO GmbH.

With the coil laser system from TRUMPF and ARKU, Fendt manufactures tractors with maximum precision and efficiency.

due to increasing demand and limited storage capacity, a more efficient solution was needed. The coil laser system from TRUMPF and ARKU proved to be ideal. Johannes Decker, coil line sales at ARKU, explains that the elimination of pallet changing time saves around 600 working hours per year and increases overall production time by around 14 percent. Cutting from coil enables

better material utilization and saves around 20 percent material costs. In addition, coils are cheaper than prefabricated sheets, and around 2,400 trips transporting prefabricated sheets are eliminated each year. Florian Hammel is satisfied: "All this means that the laser blanking system pays for itself very quickly."



**2** hours free  
leveling & deburring

## Voucher for leveling and deburring tests

Get two free machine hours at ARKU! Take advantage of our extensive machine selection filled with state-of-the-art precision leveling, deburring and edge rounding machines. Short-term appointments and competent process support guaranteed.

Contact: Alexander Enke, application engineer: alexander.enke@arku.com or by phone: +49 7221 / 5009-992



## ARKU looks ahead into 2030

All employees took part in this creative process.

In a series of moderated workshops, ARKU employees developed several visions of the future for the year 2030. Of course, there was no crystal ball available from which to read the future outcome. Instead, the so-called scenario method was used, in which different expert opinions on global political, economic and socio-political developments are compared. Climate change, skills shortages, technological progress and the increasing use of AI were the overarching themes. In terms of industry development, the team discussed the development of new materials, robotics and the influence of e-mobility on sheet metal processing.



In creative workshops, ARKU employees develop visions of the future for 2030 - with exciting scenarios on climate change, the shortage of skilled workers, technological progress and the role of AI in sheet metal processing.

At the end of the workshops, all ARKU employees around the world looked at the possible outlook of the future, discussed them and even immortalized them in videos. All participants were fully engaged and the results were im-

pressive. We will show you in 2030!

ARKU is the only manufacturer to offer leveling and deburring from a single

source. Improving the quality of sheets and coils and automating parts handling are therefore very important. It is always worth looking ahead. Or to

quote our owner's favorite saying: "Man is a determined being. He usually strives too much and aims too little" (Henry Fonda).

### Leveling. Deburring.

## "The machines were a milestone for us"

Leveling and deburring machines support the trend towards greater sustainability at steel manufacturer WIT-METAL.

Sieradz, Poland - WIT-METAL supplies high-quality parts for cranes, construction machinery and industrial plants. Since Jan Matusiak founded the company in Poland almost 40 years ago, it

mands on the surface. Other parts and assemblies made in Sieradz are used in production machines, semi-trailers, cranes or mining machines that are used in enclosed spaces. WIT-METAL

WIT-METAL invested in two ARKU part levelers and a deburring machine. With these systems, the company is also supporting the trend towards greater sustainability. "One way to increase the

environmental friendliness of our heavy industry is to extend the life cycle of products," explains the owner. For steel products that are painted, the quality of the surface and the rounding of the edges are particularly important. If the coating adheres better, the corrosion process starts later and more slowly. This extends the service life of the products accordingly. By using ARKU machines, WIT-METAL has been able to increase its production capacity and improve the quality of its parts. The simple operation of the machines also helps to combat the shortage of skilled workers.

[www.wit-metal.pl](http://www.wit-metal.pl)



How good do the edges look? Raphael Goldbach (left), ARKU Sales, Witold Matusiak (center), Owner of WIT-METAL, and Andrzej Witzak, Head of Design and Engineering, check the deburring result of the EdgeBreaker® 4000.

has grown continuously and is now managed by his son Witold.

One of WIT-METAL's main focuses is on thick materials. 70% of the metal processed has a thickness of 8 up to 35 mm. Most of the end products are used outdoors, which places high de-

was confronted with the increasing demands of its customers. It was necessary to achieve greater flatness of the sheet metal parts and heavy plates. They also expected the sheet metal parts and heavy plates to be free of dirt, scale or slag and for the edges to have a small radius rounding.



No burrs, rounded edges and flat: this is how sheet metal parts can be further processed and coated.

### Follow us!

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### New sales manager for leveling and deburring machines

Christian Nau has been Head of Sales for leveling and deburring machines at ARKU since October 1, 2024. Many customers have known and valued him for years thanks to his industry and application knowledge. Mr. Nau has been active in international sales at ARKU since 2015. Customers are his top priority. In 2019, he took over the position of Deputy Sales Manager.

Meet Mr. Nau in person at EuroBLECH and discuss your applications. He looks forward to seeing you at the ARKU booth A94 in hall 11.

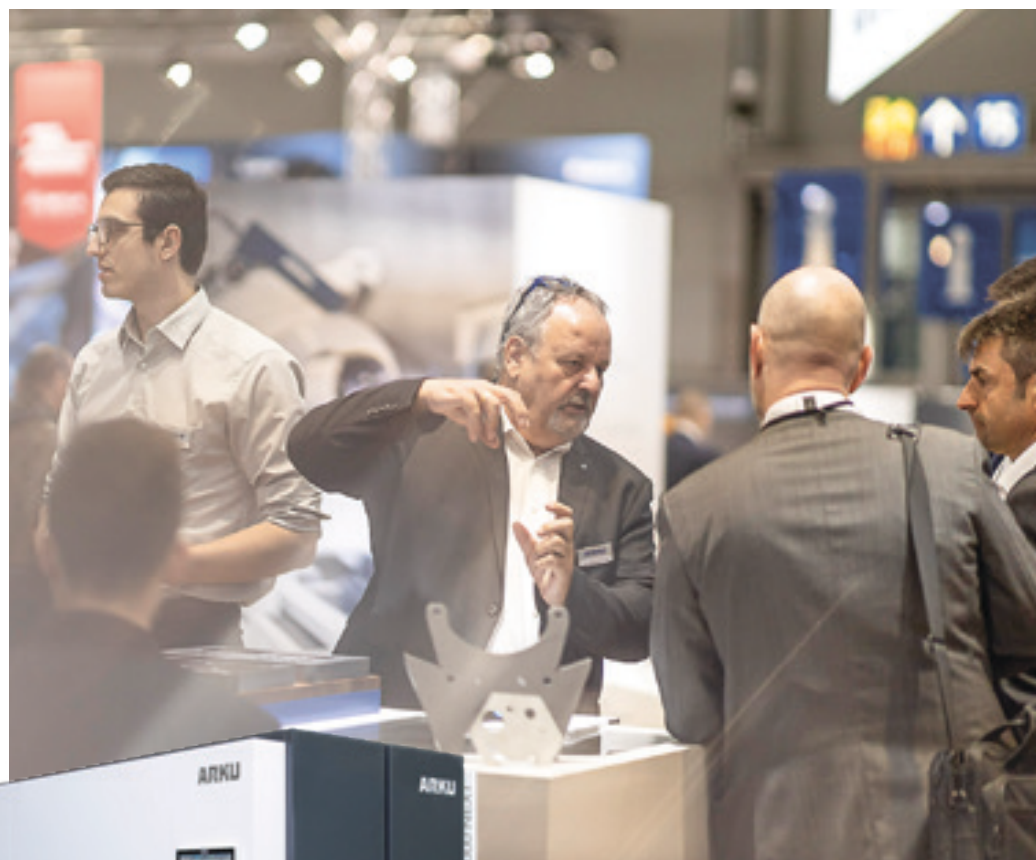
Company

## AR KU at the EuroBLECH 2024 Innovations in leveling and deburring.

The new EdgeBreaker® 3000 NEXT deburring machine for punched and laser cut parts will be the focus of the trade fair. Thanks to a new drive solution, users save up to 40% on energy costs. Visitors have a direct view of the process through a large glass front, which significantly improves process control. Additional functions increase productivity, which is already 50% higher than the prior version. AI-supported software adjusts the deburring machine automatically. This means that no in-depth specialist knowledge is requi-

Another highlight at the booth is the topic of coil laser systems - a development in cooperation with TRUMPF. Sheet metal parts can be nested more efficiently thanks to the elimination of pre-cut sheets for conventional laser cutting. This enables material savings of up to 30% for large parts.

The importance of leveling sheet metal parts will be demonstrated on the FlatMaster® precision leveler. ARKU precision levelers bring sheet metal and heavy plate with a thickness of up



Our ARKU experts look forward to answering your questions about leveling and deburring directly at the trade fair.

to 60 millimeters into a flat and virtually stress-free state.

We look forward to your visit from  
October 22 to 25, 2024 in Hanover,  
Germany!

**Booth A94**  
**Hall 11**

Register here  
and receive  
free tickets



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## AR KU trainees and students support Baden-Baden forestry office

On a Saturday morning in mid-July, the ARKU trainees and students worked together with the Tubex management to remove growth covers from young trees. These were installed after Hurricane Lothar in 1999 to protect them from damage caused by wild animals. Originally intended

This year, we concentrated on one of the last affected areas in the Rebland district near Baden-Baden." Under the guidance of outdoor trainer Christoph Marezek from "TREKK'N Guide", the participants removed around 600 plastic tubes from a 1500 square meter area, some of which



To remove the Tubex growth covers, ARKU's junior staff worked together with the management and under the guidance of outdoor trainer Christoph Marezek.

to be biodegradable, their decomposition proved to be insufficient. They therefore had to be removed manually.

Chris Schottmüller, training manager at ARKU, emphasized the long-standing partnership with the forestry office and the importance of the project: "We had already successfully cleaned up areas in previous years.

was steep. Marezek praised the group for their effective teamwork: "You have a really great team. The trainees and students in particular worked together excellently."

ARKU will continue to support such projects in the future. Schottmüller grinned: "We were particularly lucky with the weather today - for once we were spared from the rain."

## Summer party at ARKU: New Chairman Gottfried Sihler takes over the baton

The summer party provided the ideal setting for the end of the warm season. With music from the band "Ryder Dee Dyder" and a cheerful atmosphere, ARKU employees and their families celebrated in the already somewhat autumnal temperatures. A special occasion was

After 38 years as General Director, Albert Reiss moved to the Advisory Board of the family-run company as Chairman in October. "My move to the Advisory Board has been prepared and agreed for a long time," emphasizes Reiss. "It's the right time. Our company is in excellent health,



Honors at the summer festival: Albert Reiss, Chairman of the Advisory Board (1st from left), Gottfried Sihler, Managing Director (2nd from right), and Dr. Jochen Kappler (1st from right) express their thanks to the honorees (from left to right): Thomas Klock, Rainer Bäuerle, and Jürgen Lorenz.

the presentation of the stop motion videos produced by the employees. The videos vividly show the company's vision of the future in 2030.

very well positioned on the markets and innovative. The management team has my full confidence."

Albert Reiss honored the long-serving employees before handing over the baton as Chairman of the Management Board to Gottfried Sihler.

Reiss also honored long-standing colleagues, including Rainer Bäuerle, Jürgen Lorenz and Thomas Klock for 25 years of service.