

Deburring with ARKU.  
Double-sided, rapid,  
reliable.



**polwelt**

**ARKU**  
Technology made with passion



»EVERY  
DEVELOPMENT  
REFLECTS THE  
PASSION FOR  
OUR WORK.«

Ewald Hund, Head of Development, ARKU

Sheet metal fabrication is becoming increasingly demanding and companies are focusing more and more on automated deburring. Our customers need to position themselves amongst the competition via high quality parts and low unit costs. We dedicate our entire passion to developing solutions for better sheet metal quality. The EdgeBreaker® series from ARKU: for optimal processing within your production.

→  
Deburring, rounding,  
oxide removal

Punched and  
laser-cut parts  
**starting at  
0.5 mm thick**



Find our entire  
machine portfolio at  
[arku.com/products](https://arku.com/products)



**Many materials,  
one result: quality.**

Remove heavy burrs and slag produced by flame (oxyfuel) or plasma cutting heavy plates. Or reliably remove burrs from thin sheets/parts after punching and laser cutting. No matter how diverse your requirements and part quantities are: Deburring and rounding with ARKU increases the productivity of your manufacturing processes. It reduces tool wear while simultaneously ensuring an appealing appearance of your parts – your key advantages in the market.

Plasma and  
flame-cut parts  
**up to 100 mm  
thick**

→  
Removing slag, deburring,  
edge-rounding



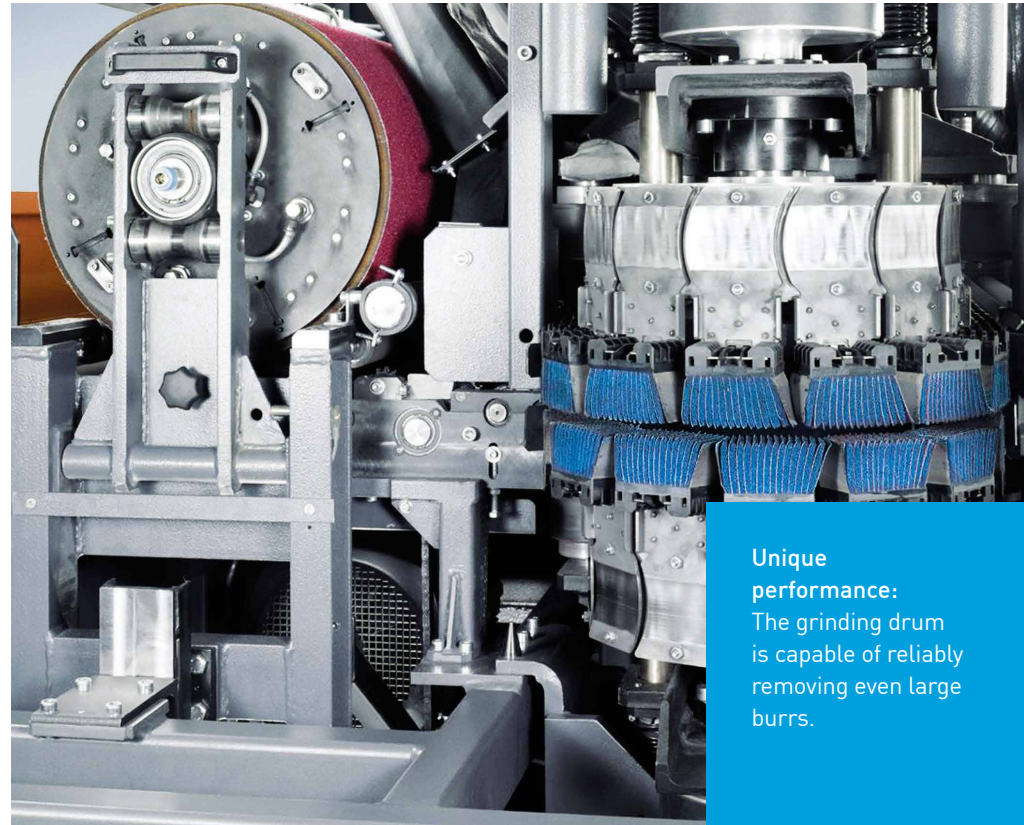
**Toll processing, consulting, service.  
The ARKU Leveling and Deburring  
Centers.**

- ✓ Contract leveling and contract deburring
- ✓ Tests with your own parts
- ✓ Training courses to increase efficiency
- ✓ In Baden-Baden (GER), Cincinnati (US), Kunshan (CN)



## Double-sided deburring and rounding. In a single pass.

Efficient double-sided automated deburring and rounding: The EdgeBreaker® has opened up new dimensions in working with punched, laser-cut and flame-cut parts. The results ensure highly reliable processes even with large quantities combined with significant time, tool and personnel savings.



**Unique performance:**  
The grinding drum is capable of reliably removing even large burrs.

**Intuitive:** Control via the touchscreen HMI.



**Patented:** The consumables can be replaced in a matter of moments using the click-system. For example when changing from steel to stainless steel.



Experience the EdgeBreaker® in action:  
[arku.com/deburring](http://arku.com/deburring)

**Intelligent:** The material specifications are transferred to the machine via barcode and saved in the tool storage – for adjusting the correct processing parameters automatically.

»WE SAVE 50% OF TIME  
WHEN PROCESSING  
DOUBLE-SIDED IN JUST A  
SINGLE PASS.«

Ulrich van Scharrel, CEO, n-cut24 GmbH, Germany

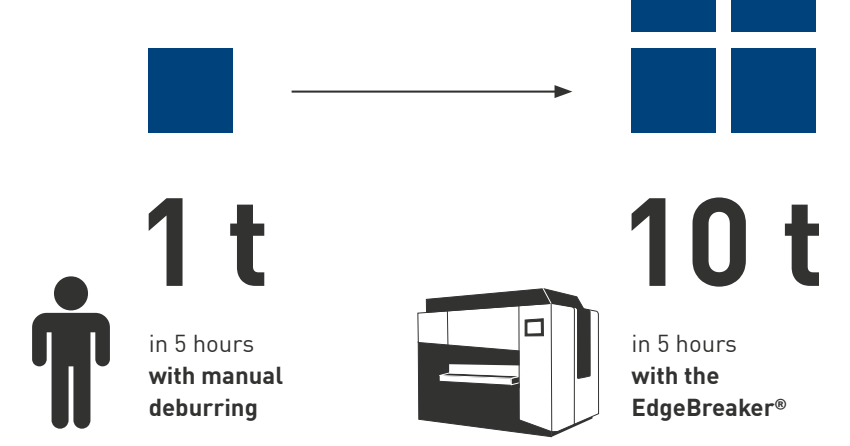


»WITH ARKU, WE CAN GUARANTEE CONSISTENTLY HIGH PART QUALITY EVEN WITH LARGE QUANTITIES. THIS STRENGTHENS OUR POSITION AMONGST THE COMPETITION.«

Norman Straub (left), Business Administration Director of Sheet Metal Processing, and Simon Straub, Production Manager, Eisen- und Stahlhandel Straub GmbH, Germany

### Producing more while protecting your staff.

Productivity that can be measured: automated deburring and edge-rounding with the EdgeBreaker®. This improves our customers' competitiveness, enhances their flexibility and frees up time for additional orders.



### A networked approach in a reliable partnership.

Optimizing sheet-metal fabrication processes with an eye on our customers' individual needs: Pursuing this approach, we have become the market and technology leader for precision levelers and a pioneer in innovative deburring technology. Shaping the future and passing on knowledge is an integral part of ARKU's culture. Simply because that is what we believe in.

➔ Read what ARKU customers have to say: [arku.com/success-stories](http://arku.com/success-stories)



A robot for automatic parts feeding

EdgeBreaker® for efficient deburring and rounding

FlatMaster® for precise parts leveling

FlatJack® for automatic flatness control

A culture of innovation with a tradition: ARKU repeatedly ranks among the top 15 most innovative mid-size German companies in studies carried out by the German magazine WirtschaftsWoche.

# Automate processes and flexibly chain them together.

Efficiently chaining processes together. Especially when it comes to machines which are becoming increasingly independent in perfectly coordinated and automated production lines. Already a reality at ARKU: All of the important material preparation steps can be carried out autonomously. From robot-supported parts handling to reliable deburring and leveling processes, all the way to quality control through flatness testing.



Perfectly configured automation solutions for your success.  
[arku.com/automation](https://www.arku.com/automation)



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