

ARKU InfoMAX

The leveling and deburring experts

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Deburring

Cutting-edge innovations

The next generation of deburring comes to North America.

Cincinnati, OH - ARKU is bringing transformation to the North American metal fabrication market with the launch of its next-generation deburring machines: the EdgeBreaker® 3000 NEXT and EdgeBreaker® 3000 FIBER. Visitors at the upcoming FABTECH 2025 in Chicago can learn more about these

and improved consistency. Especially for manufacturers under pressure to meet tight deadlines and quality requirements.

The EdgeBreaker® 3000 FIBER is specially developed for the demanding task of processing parts cut with fiber la-

making the EdgeBreaker® 3000 FIBER a reliable solution for all fiber laser users and applications.

Meanwhile, the EdgeBreaker® 3000 NEXT is specifically engineered for efficient double-sided processing of laser cut parts, whether cut using nitrogen or



Visitors at the FABTECH can explore the newest technological advancements for leveling, deburring and coil lines.

machines and be among the first to discover their true advantages.

Designed to meet the demands of modern laser cutting applications, the EdgeBreaker® 3000 NEXT and 3000 FIBER deliver double-sided deburring and edge rounding in a single pass. This advancement translates into faster processing times, reduced manual labor,

sers, which are known to produce particularly stubborn burrs. These burrs tend to adhere tightly to the material surface - almost as if they are welded on - making them especially difficult to remove through conventional methods. To address this challenge, the machine combines power and precision to ensure these tough edges are effectively ground off. It features both top and bottom grinding belts that handle the initial deburring process. Followed by double-sided edge rounding blocks that create smooth, consistently rounded edges for ideal paint and coating conditions. This integrated approach not only ensures a clean and high-quality result but also maintains high throughput,

oxygen. It can process parts and sheets up to 79 inches wide. This state-of-the-art machine is outfitted with a deburring and edge rounding unit. Both units can be controlled individually and allow for precise deburring and edge rounding where needed; whether from the bottom, top or from both sides and all in just a single pass! The machine is ideal for high-throughput production environments by offering precision, speed, and repeatability. Making it a valuable addition to any metal fabrication operation, especially for the ones who value time!

An intuitive control interface feature, known as the ARKU Wizard automates adjustments and minimizes the risk of operator error. The result is a more consistent process and greater ease of use across all experience levels. To

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New machines for a changing industry

Like many other manufacturing companies, ARKU is closely monitoring tariffs and their potential impact on our industry. We look forward to engaging with fellow manufacturers at FABTECH in Chicago this September to discuss these challenges and collaborate on shaping the future of our industry. We are pleased to announce our continued participation as an exhibitor at this year's event, and we cordially invite you to visit one of our two booths.

In anticipation of the upcoming show, ARKU is proud to announce two powerful new machines, the EdgeBreaker® 3000 NEXT and the EdgeBreaker® 3000 FIBER. Check out our cover story to learn more about these cutting-edge machines and the unparalleled efficiency and reliability they offer, tailored to modern manufacturing needs.


Nicholas Miller
President of ARKU Inc.

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further simplify the operation, both machines are designed with side viewing windows to allow operators to closely monitor the internal process. Plus, the new EdgeBreaker® models are outfitted with an updated quick change system for abrasives. Ensuring an easy change without the need for tools and no down-time. All thanks to constant innovation and with the goal of maximizing performance and reliability.

Customer collaboration

At the heart of ARKU's innovation is close collaboration with its customers. New machine development begins with real-world challenges shared by fabricators, which are then addressed through iterative design, rigorous testing, and constant feedback. This customer-focused approach ensures that ARKU's technology evolves to meet the practical needs of modern manufacturing environments.

Before any new model reaches the market, it undergoes extensive in-house and field testing. ARKU machines are only released once they have demonstrated consistent, reliable results. This



GO MAGIC with the ARKU Wizard

The next generation of deburring technology: the EdgeBreaker® 3000 NEXT processes punched and laser cut parts on both sides in a single pass. The user-friendly "Wizard" interface ensures simple operation as well as energy savings of up to 40%!

commitment to thorough validation means that customers can trust ARKU equipment to perform from day one with longevity and consistent high-quality results.

Visit the FABTECH 2025

At FABTECH 2025, taking place from September 8–11, attendees will have a unique opportunity to learn about all of these new technologies. Visitors are

encouraged to bring their own laser cut parts for real-time demonstrations and experience firsthand how ARKU's advanced machines handle even the most challenging burrs and edges with precision and efficiency. ARKU experts will be available on-site to provide personalized consultations and discuss tailored solutions for a wide range of production challenges. In addition to deburring innovations, visitors can explore everything related to leveling and coil

line technology at booth A3110, while all the latest developments in deburring can be discovered at booth A2919. With a strong focus on innovation, process optimization, and customer success. ARKU is raising the bar for sheet metal finishing across North America—don't miss the chance to be part of it!

Register for the FABTECH today and secure your personal consultation!



Deburring

Modernizing metal Bemidji Steel Company broadens portfolio.

Bemidji, MN – Bemidji Steel Company stands out through its unwavering commitment to precision, innovation, and community. Established in 1983, this woman-owned, HUB Zone-certified manufacturer has evolved into a leader in advanced metal fabrication. During 2025, Bemidji entered a new phase of growth – focused on becoming a complete one-stop solution provider for industries like defense, agriculture and commercial equipment manufacturing. What truly distinguishes Bemidji Steel is their holistic approach to business. They prioritize people - investing in their workforce and fostering a culture of growth and opportunity. All with the goal in mind to be the best laser job shop in Minnesota!

Deburring reimaged

As the team at Bemidji looked to strengthen their ability to deliver high-finished parts at scale, one solution stood out: the ARKU EdgeBreaker® 6000 deburring machine. "We needed something durable, efficient, and versatile," says Chief Operations Officer (COO) Alex Grasdalen, "and the EdgeBreaker®

delivered." The machine is used across a variety of the company's high-finish applications, from food-grade components in automation systems to agricultural parts that require edge-rounding before painting. Compared to previous manual or semi-automated processes, the EdgeBreaker® is about 70 percent faster, increasing throughput signifi-

cantly. Beyond speed, the machine has also impressed operators with its ergonomic design and ease of use. The machine supports productivity at every level with quick changeovers between material types and an easy-to-clean layout. "The EdgeBreaker® helps us provide consistent quality to our customer," Alex Grasdalen comments. As

the company pushes to become a full-service partner, ARKU will continue to play a key role. "ARKU is a customer-first, engineering-first company," Alex says.

www.bemidjisteel.com



A strong partnership (from left to right): Eric Miller (Sales Engineer for ARKU Inc.), Alex Grasdalen (COO of Bemidji), Toby Glen (Director of Mfg. for Bemidji), Chance Sheffield (Production Technician for Bemidji).

2 ARKU locations in the US



Contract leveling services from multiple locations

ARKU Inc. now provides contract leveling services from two key locations: Cincinnati, OH and Greenville, SC. Whether you're located nearby or across the country, our cutting-edge facilities are equipped to handle all your leveling needs. Backed by advanced technology and experienced professionals, both sites deliver accurate, consistent results to help optimize your production and improve overall efficiency.

OH



Cincinnati

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SC



Greenville

Contact: Eric Binder
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Leveling

Flat out better

Krones Inc. masters precision and speed in the food and beverage industry.

Franklin, WI - Krones Inc., the US arm of the global packaging and bottling system leader Krones AG, plays a vital role in keeping North America's food and beverage production moving. From spare parts and repairs to full-scale re-

and many other components that ensure long-term quality. "We are often asked to produce parts we have never seen before - and do it in less than 24 hours," says Manufacturing Supervisor Brandon Eigner. "Flatness is key,

Taking control in-house

The turning point came in 2024, when Krones reached out to ARKU with a challenge: flattening parts with a precision of 0.1 mm. After successful tests,

- sheet metal frames, bottle-handle components - in a nutshell: any part that needs to be flat." Since then, the FlatMaster® 55 has become a daily companion. "It does the work of someone with 20 years of experience," Brandon Eigner adds. "Now one of our operators has the time to pass on his tribal knowledge to the next generation. This would not be possible without the ARKU machine." Thanks to tighter tolerances, faster production times, and more knowledge transfer, Krones Inc. is shaping a future as precise as the parts it makes.

www.krones.com



Precise flatness is critical (from left to right): Matt Baas (Sales Engineer for ARKU Inc.) and Brandon Eigner (Manufacturing Supervisor) discussing flatness tolerances and the benefits during assembly.

trofits, Krones delivers unmatched turnaround times.

The spare parts produced by Krones include valves, brackets, sheet metal for the structure of the machines,

but we had no consistent flattening methods. We used a variety of tools to flatten our metal parts and sent some of our high-volume parts to a different local supplier."

the FlatMaster® 55 was installed in September." The value is even bigger than we thought," says Brandon Eigner. "We are using the machine for a little bit of everything



A machine that is currently in-house at Krones to have retrofits completed.

Leveling

ARKU's South Carolina leveling center elevates metal quality

To ensure optimal downstream processing conditions.

Greenville, SC - ARKU's South Carolina leveling center has been operational since early 2025, delivering exceptional precision leveling services for parts, sheets, and plates. Strategically located between Atlanta and Charlotte and di-

rectly accessible from the highway for effortless truck access, our advanced facility caters to metal fabricators and service centers throughout the Southeast. Staffed by industry-leading leveling experts and equipped with state-of-

the-art precision leveling machines, we offer contract leveling services designed to optimize downstream processing without the need for rework or fallouts.

ARKU offers a range of services, inclu-

ding documented flatness checks with tolerances as precise as 0.01", guaranteeing that all materials processed by ARKU machines meet the highest flatness and stress relief standards. Our comprehensive flatness assessments and meticulous material quality inspections ensure that every component adheres to required specifications. As your trusted partner, we provide quick turnaround times and offer complimentary material tests and trials. Our precision leveling services cater to parts, sheets, and plates up to 1.1 inches thick and 78 inches wide, ensuring exceptional accuracy across a variety of material grades.

Find out more about our South Carolina leveling center! Simply scan the QR code.



Just like in Cincinnati, precise leveling work for parts, sheets and plates are being conducted out of our South Carolina location.



Follow ARKU Inc. on social media

Stay ahead in metalworking! Follow ARKU Inc. on Instagram, LinkedIn & Facebook for the latest trends, machine news, and expert insights. Join our community and never miss an update.

Simplify your abrasive orders with ARKU's webshop

Ordering abrasives has never been easier for ARKU customers. Our user-friendly webshop offers a wide selection of abrasives specifically designed for your deburring machine and a variety of applications. Experience the convenience of fast, hassle-free online ordering today.



Scan the QR code to visit our webshop.



Coil lines

Precision for progress

Commercial Roll Formed Products boosts production & quality with roll forming entry line.

Brampton, ON (Canada) - Founded in 1971, Commercial Roll Formed Products (CRFP) began as a small, family-owned operation focused on delivering precision roll-formed components. Over the past five decades, the company has steadily expanded its capabilities, embracing new technologies and broadening its product offerings to meet evolving industry needs. The company has always been known for its technical expertise and strong relationships with customers and suppliers. Kevin Schabel, son of founder Armin Schabel, is now leading the company as the new active President

paration does not become a production bottleneck and allows for precise final profiles. "Knowing ARKU and Dreistern have partnered on many projects gave us confidence that the integration would be seamless, which it was", says Kevin Schabel.

Focused on the material handling and automation industry, CRFP forms everything from racking systems to complete shelving structures. With the ARKU line in place, the team has seen improved part quality, especially in pre-punched components. "We are seeing much



Speed is key: thanks to the double-sided decoiler on the new ARKU line, employees can ensure production has no downtimes to keep up with demand.

The new roll forming entry line can manufacture various size profiles in all kinds of shapes. and CEO, carrying on the same legacy of commitment to quality and partnership. "We see our customers as extended family," Kevin states. "No matter their order size, we view them equally." This dedication has been the foundation of CRFP's success from the beginning.

CRFP stands out thanks to 25 roll forming lines, including 13 from Dreistern, as well as always keeping a 3,200-ton coil inventory. The company delivers high-quality roll-formed components across five continents. In 2024, the company enhanced its capabilities by installing an ARKU roll forming entry line to feed one of its longest Dreistern lines. The ARKU system ensures that the strip pre-

better consistency in punch patterns and length. In addition, coil changes are faster – less downtime, more throughput." This upgrade streamlined workflows while boosting overall efficiency.

The intuitive, visual-based system allowed operators to adapt quickly. Today, the ARKU line processes around ten percent of CRFP's 35,000-ton annual output. It's about product quality and relationships – and ARKU fits right in", Kevin Schabel concludes.

www.commercialroll.com

ARKU joins forces to fight food insecurity

On April 26th, ten ARKU Inc. employees rolled up their sleeves for the Kroger Community Day, held at the Fowling Warehouse in Cincinnati. Kroger, in partnership with U.S. Hunger, has set the goal of packing and distributing one million nutritious meals for local families in need. ARKU's team worked together at a

while enjoying a great time together.

Each year, ARKU employees volunteer for at least one community event. "Even on a Saturday, the strong turnout showed the dedicated commitment to our local community," stated Denis Weinfurter, North American Marketing Manager. "Volunteering



dedicated station, precisely weighing out and sealing ingredients for jambalaya. The ultimate goal was to pack 1 million meals which was ultimately achieved thanks to all the help. This allowed for a great team building exercise while simultaneously providing quality meals for the community

isn't just about giving back - it's a chance to build stronger teams and celebrate community pride."

Mastering metal processing

Tre Mays brings precision and innovation to his role as a machine operator at ARKU's new leveling center in Greer, SC. Drawn to the metal processing industry by its fusion of computerized machinery and mechanical engineering,

"This is a cool, modernized company with constant innovation," Tre says of ARKU. "The workers are very welcoming and helpful — always willing to lend a hand."



Tre Mays has been with ARKU Inc. since 2022.

ring, Tre finds deep satisfaction in completing a leveling job and seeing every detail meet specification.

On the shop floor, Tre regularly applies his critical thinking skills to devise creative solutions and workarounds. He also enjoys learning about ARKU's customers and the impact their products have in the world.

Tre's long-term goal is to master the craft and become a top-tier operator. Outside of work, he can be found building computers, riding motorcycles, or exploring acoustic programming. Stop by the leveling center yourself and let Tre and his team level your materials for you!

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