

Contract leveling

## Contract leveling you can rely on

Expanded capabilities in Cincinnati, OH push contract leveling to the next level.

Cincinnati, OH - It is no secret that leveling steel parts, sheets, and plates delivers a quantifiable competitive advantage for fabricators. Leveled metal facilitates reliable cutting, welding, and bending while reducing rework and rejects. However, purchasing a precision leveler may not be within the scope of

We currently have three Leveling Centers where fabricators can bring their materials that need to be leveled. The centers are located in Baden-Baden (Germany), Cincinnati (USA), and Kunshan (China). These state-of-the-art facilities are operated by trained staff and experienced leveling

Here in Cincinnati we take great pride in our facility and equipment, as evidenced by our ISO 9001 and 14001 certifications, superior organization, swift turnaround times, and rigorous cleaning and maintenance. Every day, we make the leveling process easy for fabricators and metal service centers.



Our state-of-the-art 20,000 sqft. facility in Cincinnati, OH. Filled with the latest precision levelers for contract leveling and deburring machines for customer tests.

your business. Fortunately, as the technology and market leader for leveling, ARKU stands ready to partner with you for contract leveling services.

specialists. They are also fully equipped with the latest in ARKU precision levelers to cover the most broad range of material requirements.

We are able to level parts, sheets, and plates from 0.01 to 1.6 inches thick and up to 75 inches in width, with flatness tolerances as low as 0.001 inch. For every new contract leveling job, we conduct complimentary test runs with your own parts. We then implement tight quality controls, making frequent

- Leveling of parts, sheets, and plates by ARKU experts
- Full spectrum of EcoMaster® and FlatMaster® precision levelers
- No minimum quantities or order sizes
- Complimentary leveling tests
- ISO 9001 certified process

With almost 60 years of experience, ARKU is the leading expert for sheet metal processing machines. We offer the world's broadest spectrum of high-performance precision roller levelers. These range from levelers for thin or complex parts to straighteners for thick plates and even AHSS materials. All of these precision machines ensure perfectly flat, stress-relieved sheets and parts.

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### Investing in the Midst of Uncertainty

World news have been dominated recently by war and continued coverage of a predicted economic downturn. It's easy to become obsessed with negative news, and it takes discipline to focus on the actual course of our industry and the strategic vision of our company. While many companies seem to be standing still and waiting for certainty to develop, ARKU has observed the continued positive trend of manufacturing and the continued growth of our customers. Part of ARKU's mission is to support our customers and help them achieve their goals and ambitions. This means continuing to invest in the face of uncertainty. ARKU has recently completed a building expansion in Cincinnati and has continued to hire new employees. We are prepared to support you, our customers, when you need us most, even if that is in a time of uncertainty and doubt.

We will come out of these difficult times stronger and look forward to future success with our customers.

Nicholas Miller  
President of ARKU Inc.

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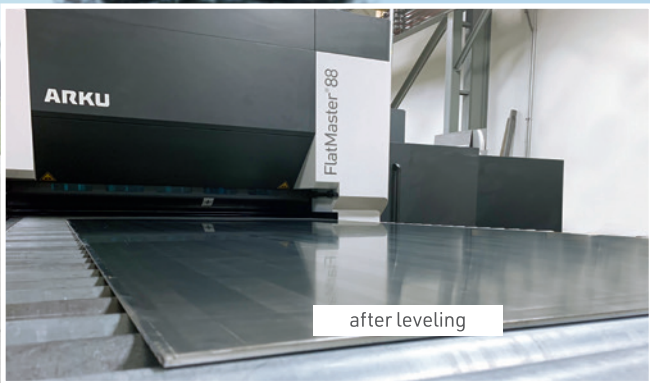
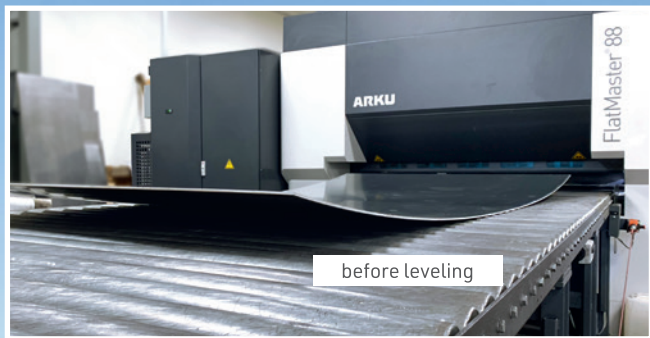
inspections during the leveling process to ensure consistency. Thus resulting in stress-relieved parts and sheets to improve your downstream processing and final product quality.

We welcome you to visit your nearest Leveling Center in Cincinnati, Ohio to see and learn about the process first-hand. There is no doubt about it: precision leveling your parts, sheets, and plates will create a flat-out win for your business!

Learn more about our contract leveling services and inquire today:



The new addition to the current Cincinnati Leveling Center added valuable production space.



## Deburring

# No illusions in the “magic box”

Precision Tube Laser embraces automated deburring.

Las Vegas, NV - Founded in Las Vegas in 2018, Precision Tube Laser (PTL) has grown from a niche tube laser cutting job shop to a full-service metalworking service provider for a broad range of industries such as automotive and aerospace. Over time, the company has grown to the point where it now cuts on two cutting lines in its 22,000-square-foot facility. “We process over 2,000 tons of steel a day,” says founder and director Jordan Yost.

A key aspect of PTL’s business philosophy and success lies in transparent communication and close customer contact. This is reflected not only in their communication strategy but also in their choice of technology. There-

fore, when PTL began looking for an automated solution for their deburring operations, the open design of the ARKU EdgeBreaker® 6000 immediately caught their attention. This deburring machine, affectionately referred to as the “magic box” by Yost and his team,

### Building a brand

Since 2022, the EdgeBreaker® has become an integral part of PTL’s daily operations – and a social media star at that. “Customers are fascinated to see the process inside the machine and

with labor shortages. “Previously, we did all of our deburring by hand, so we wanted to eliminate that physically demanding part of our job and redirect human resources to where they are really needed,” explains Yost. And with such a wide range of jobs, the ability of



A strong partnership (from left to right): Eric Miller (Sales Engineer for ARKU Inc.), Barry and Jordan Yost (Co-owners of PTL), Christine Snedden (Marketing Director for PTL), Justin Wray (Laser Operations Manager for PTL) and Kohl Burmester (Sales for PrecisionFab Machinery).

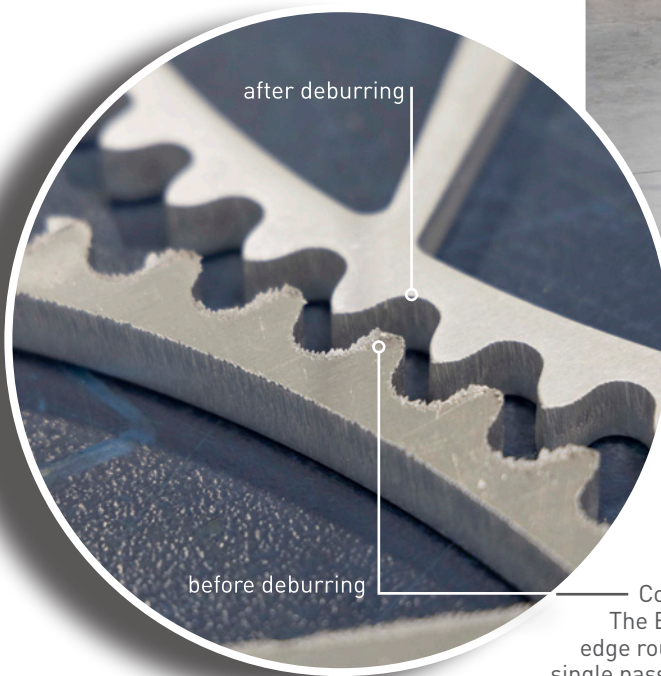
processes components in 3 stages (deburring, edge rounding and surface finishing).

witness how we do our work,” Yost says with a laugh. “So it’s a perfect fit for our brand.”

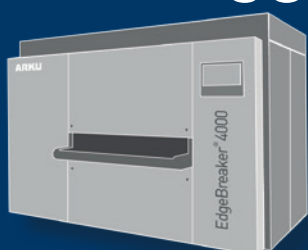
the EdgeBreaker® to quickly adapt to changing needs throughout the day is critical, Yost points out: “Having a piece of equipment that allows for that flexibility is key – and the EdgeBreaker® really meets those needs.”

Aesthetics aside, the EdgeBreaker® has proven invaluable to PTL other occasions, especially when it comes to improving the work environment and dealing

[www.ptlmfg.com](http://www.ptlmfg.com)



Combined tripled power: The EdgeBreaker® 6000 offers deburring, edge rounding and surface finishing in just a single pass.



## USED MACHINES BY ARKU

### Certified refurbished equipment direct from the manufacturer

Unlock cost savings and quality with ARKU’s certified used machines! Quick availability, and market-leading leveling and deburring technology. We handle it all. Get the top-notch ARKU quality without breaking the bank. Save big on your equipment investment. Discover how ARKU can improve your manufacturing processes today!



## Leveling

# FlatMaster® continues to attract new customers

Precision leveler proved itself over the last 4 years.

Thornton, CO - Seeing the massive Rocky Mountains isn't the only impressive thing in the Denver area: Meet H&H Metals, a family-owned and operated job shop with more than four decades of experience. However, four years ago, President Chad Huff and his team be-

gan to notice a decline in the quality of metal from their suppliers. At that time, H&H invested in a FlatMaster® 55. Since then, issues with uneven, bent or stress-ridden parts and sheets have become a distant memory.

In fact, Chad is still in awe of how quickly the FlatMaster® 55 has become part of their operations. "The setup of the machine is probably one of the easiest for running and training new operators," he says. Precision and quick turnaround is what customers have

come to expect from H&H. Take one of their newest customers, a leader in the manufacturing of overland camping equipment for trucks. H&H laser cut, fabricated, leveled, and bent all these truck bed, body panel and bumper parts. Achieving the optimal cut and bend required the aluminum sheets to start very flat. "We just run them through the ARKU, and they came out faster than it takes to start a computer," reveals Chad.

This is just one project that H&H received since word got out about the optimal flatness of its products. From road signs to spaceships and satellite components, it's all going through the FlatMaster®. In addition to the hundreds of sheets of aluminum, approx. 10,000 lbs of steel and stainless steel per month are leveled at H&H. As Chad puts it: "As the industry evolves, precision leveling is not just an option, it's as important as the laser cutter. Without it, you're not just behind, you're out of the race."



Flat parts make happy customers (from left to right): Chad Huff (President for H&H) and Jim Huff (Vice President for H&H).

## Coil lines

# Accuracy increasingly important for roll forming

BITO has trusted in ARKU coil lines for more than 30 years.

With more than 1,000 employees, income exceeding 25 million Dollars, and 178 years of experience, BITO is one of the world market leaders in storage technology. The company processes sheet metal from coils when producing various racking system parts, in particular cross beams and supports. This requires coil lines which are connected

to BITO's deep-drawing press or roll forming line.

"ARKU is our equipment supplier when it comes to sophisticated, high-quality systems," explains Mr. Knecht, Head of Equipment Design at BITO. Because the quality of the leveling equipment is also reflected in the quality of

the end product. "Automated systems in particular now demand levels of accuracy that definitely challenge our capabilities," says Mr. Knecht.

Moreover, Mr. Knecht has had good experience with ARKU's reliability. This is why coil lines from ARKU are installed on BITO's most important production lines. "BITO has had a business rela-



One thing is clear: With all of these coils, BITO is definitely hard at work. The ARKU coil line (left in the picture) has to prove its reliability working three shifts and with maximized capacity utilization.



To ensure optimum quality at the end of the day, the equipment has to work perfectly right from the outset. Mr. Decker (left), Coil Line Sales at ARKU, and Mr. Knecht, Head of Equipment Design at BITO, both agree.

tionship with ARKU for more than 30 years and the partnership has been going smoothly ever since," sums up Knecht and explains: "ARKU is always our first contact when it comes to coil lines and leveling."

[www.bitocom](http://www.bitocom)

## ARKU goes social!

Stay connected with us for exclusive updates and exciting content! Follow us on social media now and be part of our vibrant community.



LinkedIn



Youtube



Instagram

## Easy accessible, worldwide: the ARKU webshop

As an existing ARKU customer, you can order deburring abrasives quickly and conveniently via our webshop. Here you can find tailor made parts designed specifically for your machine, covering a wide range of applications. The simple search function in the webshop lets you conveniently filter for parts by machine type.



## Leveling

### Finest quality for Americas finest High-end knife manufacturer acquires precision leveler.

Boone, North Carolina – Winkler Knives is a family-owned manufacturer of high-performance knives, founded by master bladesmith Daniel Winkler. Since 2004, the company has been supplying application-specific blades and axes to several branches of the U.S. Armed Forces. Any civilian can purchase their products as well.

Aiming to increase both production efficiency and output quality, Daniel and his team capitalize on their vast expertise, while also embracing automation.

times. In the long run, these methods were not only inefficient, but also physically demanding for the workers. Especially considering that a precision leveler could not only flatten the parts, but also simultaneously stress-relieve the material.

Based on strong recommendations, Daniel made the decision to implement ARKU's EcoMaster® 30 in his facility. The results were transformative: rework due to leveling and stress-relieving was reduced by an impressive 90 percent. With



Achieving the perfect blade (from left to right): Matt Baas (Sales Engineer for ARKU Inc.), Ben Lupton (Machine Operator for Winkler Knives) and Daniel Winkler (Owner of Winkler Knives).

increased efficiency and lower operating costs, the company also saw a significant drop in scrap. Today, Winkler Knives processes approximately 1200 blades per month on the EcoMaster®. "The decision to automate our leveling process with the Ecomaster® was a game changer for our operations," concludes Daniel.

[www.winklerknives.com](http://www.winklerknives.com)

They knew they had to up their automation game in order to meet their increasing order volumes.

#### Embracing Automation

Previously, flattening blades was labor-intensive and required manual bending and heat treatment up to three



Drop Point Crusher Knife by Winkler Knives

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### Kicking a Goal for the Community

Giving back to the community is an important value at ARKU. In the past, our involvement has included helping food pantries and disaster relief programs. This year, we are proud to sponsor two local youth soccer teams – a U8 girls' team

to participate. With a focus on recreation, they accept children at all levels of talent and encourage families to attend game days. Today, the energy and excitement in their program is overflowing with approximately 800 players and 75



The U8 girls team of the GSSA posing for a group picture. Nicholas Miller, President of ARKU Inc. (rear right) was a parent volunteer for this season as well.

and a U8 boys' team – through the Greater Sycamore Soccer Association (GSSA). Our sponsorship helps families with the costs for jerseys and replaces equipment as needed. As physical exercise is extremely important at a young age, ARKU wants to help by providing the opportunity to kids in our region

teams per season. Being a German company, we at ARKU are big soccer fans. It is a joy to support future stars in the sport especially considering how well FC Cincinnati has been performing! The next potential US soccer star could come right from our community.

### Positive Energy & Professional Fulfillment

Keith Smith, Service Engineer, enjoys living on the edge. You can see it in his hobbies: traveling widely,

in his decision to apply his electrical experience in the steel industry: a global industry that the world's infrastructure uses limitlessly. ARKU has been a perfect match for Keith's personality. He notes, "This is a thriving company that is growing rapidly; you can feel and see the positive energy. The atmosphere is one of the big reasons I came aboard."



Keith Smith has been a Service Engineer for ARKU Inc. since 2021

trading crypto, and taking 4x4 rides in the mountains. You can also see it

Keith finds tremendous professional fulfillment at ARKU. He affirms, "I see our customers – all of whom are incredibly knowledgeable in their fields – always pushing to create the best products they can. It is very satisfying to see our machines help the end result exceed their expectations."

Thanks to Keith and all of our other knowledgeable service engineers in the US, ARKU has got you covered no matter where you are in North America.