

# THE MAGAZINE FOR REAL SHEET METAL WORKERS



# boeck AND BEYOND

ENTHUSIASTS IN TECHNOLOGY



**EXPERIENCE EFFICIENCY IN ACTION**

**BOECK AT AUSTRIA'S LEADING MANUFACTURING  
INDUSTRY TRADE FAIR**

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**COMPLEX GEOMETRIES. PRECISE RESULTS.**


**DEBURR PROFILES, PIPES, AND CONTOURS  
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„It may seem impossible, but we see the challenge and make it possible!“

## ENTHUSIASTS IN TECHNOLOGY

### **Manufacture smarter. Work cleaner. Deburr better.**

Passion for deburring technology, a clear focus on processes, and the ambition to **make manufacturing measurably better** define boeck. We develop tools for clean edges, stable workflows, and reliable results. From clever standard solutions to **customized high-end tools**, we, Marc and Jochen Böck, rethink deburring processes in a practical, efficient, and sustainable way.

In this edition, our **hand held machine solutions take center stage**. We show how boeck tools make every processing step safer, more efficient, and reproducible. You will learn how modern boeck hand held machine solutions are redefining manual metalworking.

This includes, among others, boeck **flap wheels** that smooth weld seams cleanly and efficiently, as well as boeck **sanding stars** that safely and reliably deburr profiles, pipes, and contours in a single step.

Don't forget: **INTERTOOL 2026 in Wels** is just around the corner. boeck will be there as a **meeting point for deburring and grinding technology, practical, efficient, and ready to experience firsthand**.

**And now it gets precise:** Do you want to know how to identify primary and secondary burrs, minimize their risks, and make metalworking even safer? In our new category **Knowledge for Champions**, we share practical know-how from the world of sheet metal processing – directly for you, your processes, and your hand held machines.

Enjoy your reading and see you soon in Wels.



Marc Böck, Management / CEO



Jochen Böck, Management / CEO

## BOECK AT INTERTOOL



It's almost that time again: **INTERTOOL 2026 in Wels**. boeck will be there as a **highlight for deburring, brushing, polishing, and grinding technology**.

Experience real process expertise from **April 21 to 24, 2026**: from slag removal to deburring and edge rounding, all the way to oxide removal and finish grinding. At boeck, the focus is not only on individual tools but above all on **functional, efficient processes**.

Our experts will show you on site how to reduce lead times and sustainably improve quality.



**HIGHER PERFORMANCE STARTS AT THE RIGHT BOOTH >> HALL 21, BOOTH 0701**

## KNOWLEDGE FOR CHAMPIONS

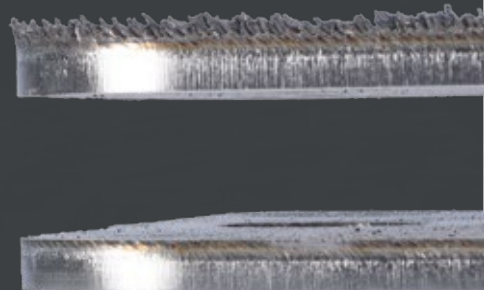


Burrs are **excess material at cut or formed edges**. A distinction is made between **primary** and **secondary burrs**.

The primary burr forms directly during cutting, protrudes **visibly beyond the edge**, and can cause injuries as well as deposits that may lead to corrosion or functional problems.

A secondary burr, on the other hand, usually forms in subsequent processing steps such as grinding. In this case, the material is **plastically deformed rather than removed**. It lies close to the surface, is often **difficult to detect**, and can also cause safety risks as well as dimensional and surface deviations.

The presence of a secondary burr can be determined with a **practical test**: if you feel resistance when running a fingernail or pin from the edge to the surface, a secondary burr is present.



*Deburring tools available online*



# PRECISION REMAINS CRAFTSMANS

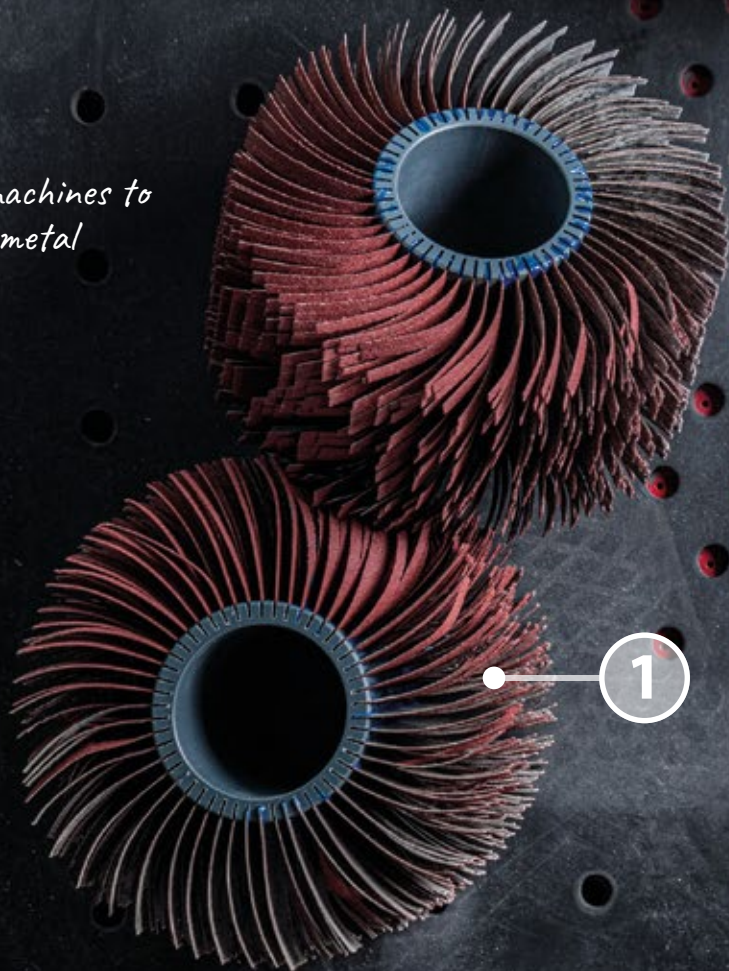
## REDEFINING MANUAL METALWORKING

Industrial sheet metal processing is highly automated today, yet **manual work remains indispensable**. Especially with small series, complex shapes, rework, or last-minute changes, automated systems reach their limits.

This is exactly where boeck GmbH comes in: with a **systematically structured product range for hand-held machines**, it complements automated processes wherever flexibility, precision, and consistent quality are required. The portfolio ranges from aggressive slag removal to decorative finishing, always with **perfectly coordinated tools** for every step of the process.

**1 | Deburring wheels** from boeck unfold their full potential on three-dimensional contours, recesses, and hard-to-reach edges. They adapt to the workpiece shape and allow **uniform deburring** even in complex areas. Different slot patterns influence the grinding pattern and feel: Classic or G-Cut produce a linear finish, while X-Cut creates a random no-way finish.

*With hand-held machines to  
the perfect sheet metal*

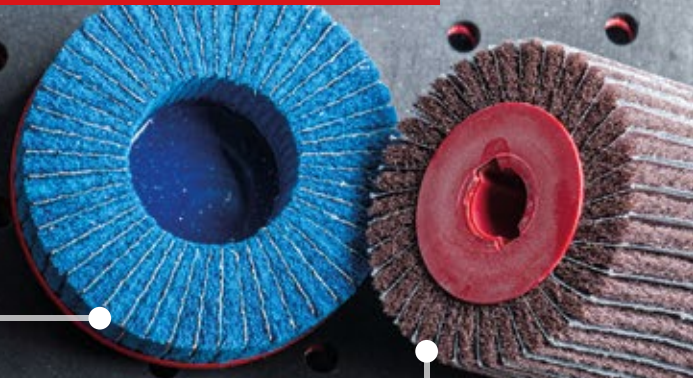


## BOECK HAND-HELD MACHI

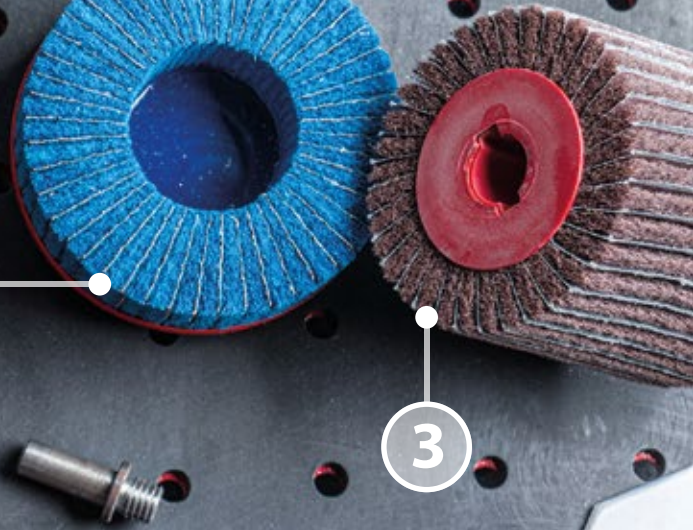
# SHIP, WHEN THE TOOL IS RIGHT



2



3

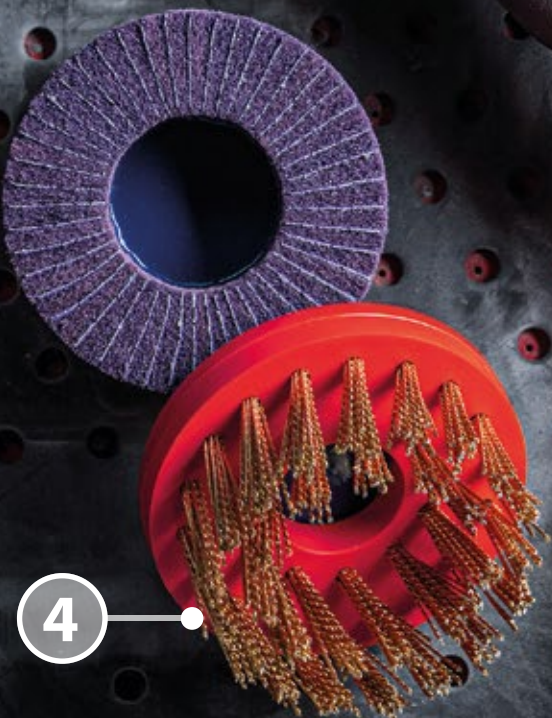


**2 | Deburring discs from boeck** reliably remove secondary burrs and enable **uniform, controlled edge rounding**: from gentle deburring to pronounced rounding. Thanks to **their modular design** and **various editions**, they are suitable for delicate, galvanized sheets as well as steel, stainless steel, or aluminum.

**3 | Flap wheels** from boeck provide **high-quality surfaces** and a **consistent linear finish**. Depending on the type – abrasive cloth, abrasive fleece, or a combination – they are suitable for **pre-grinding, deburring**, and **fine grinding** up to satin-finished surfaces.

**4 | Oxid brushes** from boeck reliably remove dark oxide layers on cut edges after oxygen laser cutting. The specially designed wire bristles create **bright, metallic edges** and ensure a **clean, adherent surface** – the ideal foundation for subsequent coatings

4



# NE SOLUTIONS

*Tools for  
hand-held machines  
at a glance*



# BOECK SANDING STARS: CONSISTENT RESULTS ON COMPLEX SHAPES

Cutting pipes and profiles often produces **sharp edges**. Processing them requires tools that **adapt flexibly** while ensuring **safe operation**.

**boeck sanding stars** deburr internal and external contours in one single operation. Specially designed, round-cut flap ends ensure consistent results while protecting the workpiece.

The sanding stars can be used on both **stationary** and **hand-held deburring machines**. Different designs and slot patterns allow precise adjustment of material removal and flexibility for every geometry.



*Quick Tip:*  
How to mount sanding stars on your hand-held machine.



*Hand-held application*



*Stationary application*

*Pro tip: Use several sanding stars on stationary or hand-held deburring machines for superior results.*

# ENT DEBURRING

boeck sanding stars come in different sizes, mounts, and configurations.

Visit our shop

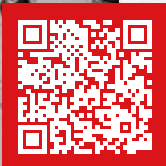


## DEBURRING FOR SAFETY AND QUALITY

Burrs on profiles and pipes are **more than just cosmetic defects**: they **cause deposits, oxidation, and corrosion**.

Cleanly deburred inner and outer edges increase safety, reduce the risk of injury, and ensure an even paint or powder coating.

See it in action



before ↗

↖ after



## PERFECT WELD SEAM PROCESSING?

# FOLDED SANDING WHEELS FROM BOECK

Want clean, efficient weld seam finishing?  
Folded sanding wheels deliver.

Their folded flaps conform to workpiece contours for  
consistent, precise results even in tight spots.



See it in  
*action*



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