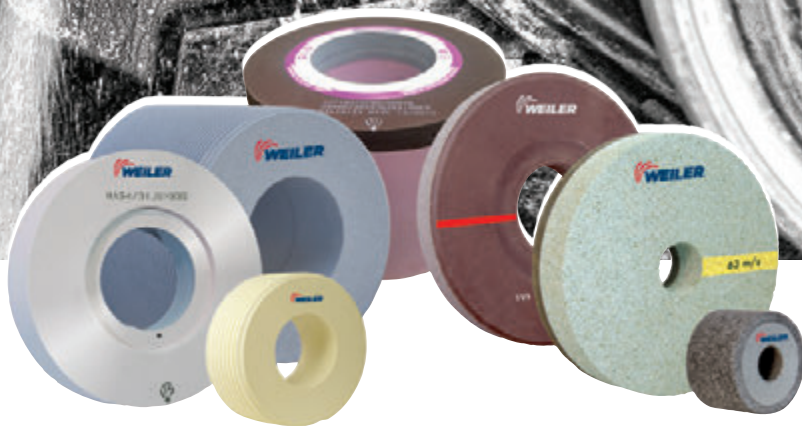
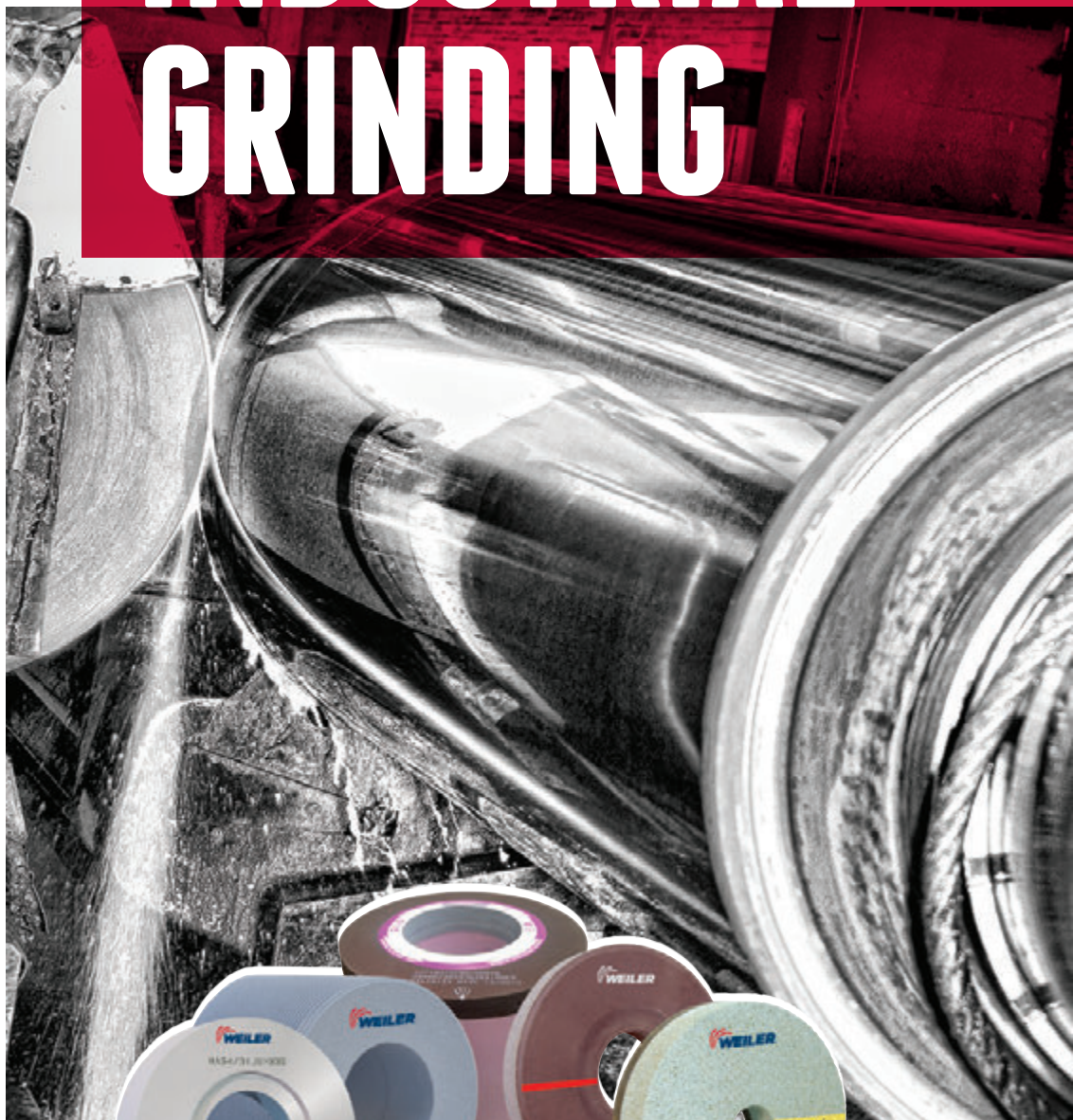


INDUSTRIAL GRINDING



*High performance industrial grinding products and
engineered solutions that deliver a competitive edge
through increased productivity and profitability.*



**DRIVING
PRODUCTIVITY**

People who take work seriously partner with Weiler. We work collaboratively to help solve our customers' biggest challenges.

We understand that every production operation is different, so is every production challenge. One solution does not fit all. Weiler experts can examine your specific production and product challenges and develop customized solutions that optimize your operation.

Together we will maximize productivity enabling your business to be more efficient and ultimately more profitable.



World-class capabilities that deliver...

- ▶ Best in class **lead-times**
- ▶ Extensive **R&D** capabilities
- ▶ New platform **technologies**
- ▶ Advanced **production** capabilities
- ▶ Unrivaled **safety** tolerances
- ▶ **Green** footprint
- ▶ **On-site technical support**

We design customized industrial grinding products and solutions for companies throughout the world. These are a few of our global partners:

Bosch

Rio Tinto

Gerdau

Gleason

ArcelorMittal

Volkswagen

Outokumpu

Kennametal

Associated Spring

Timken

Eaton

PRODUCTION. SOLUTION.

We offer a full line of vitrified & resin bonded grinding wheels and super abrasive products

Diamond CNC Flute Grinding

For efficient flute grinding in the manufacturing of tungsten carbide cutting tools.

METAL CONDITIONING WHEELS

Weiler specializes in designing high performance conditioning wheels for stainless steel, specialty alloy, carbon steel and titanium applications.

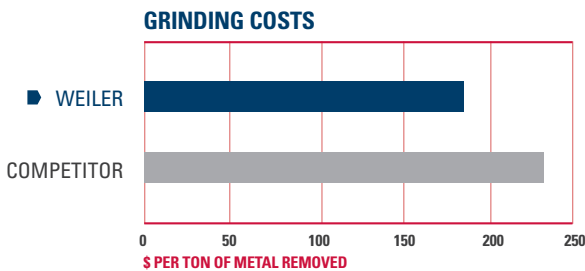
These wheels remove hard oxide scale formed in the process of casting slabs, ingots and bars in primary metals facilities.

PRODUCTS:

- 36" Hot Press Metal Conditioning Wheels
- 24" & 25" Hot Press Metal Conditioning Wheels



TESTED. PROVEN. WEILER WHEELS ARE MORE EFFICIENT.
GET 20% MORE FOR YOUR MONEY



** Results will vary based on application and operating parameters.*

Stainless Steel Conditioning Case Study:

- Rough grind operation with wheels oriented at 90° to feed direction
- Operating requirements: No allowance for downtime or spindle damage due to wheel failures
- 20% improvement in total material removal per wheel
- Surface finish improvement to Ra=55 in roughing cycle resulting in the elimination of need for clean-up finish passes

Vitrified or Resin Bonded

The highest level of grinding optimization for centerless and O.D. grinding applications.

Spring Grinding

A revolutionary solution in cost reduction for spring grinding applications up to 63 m/s.

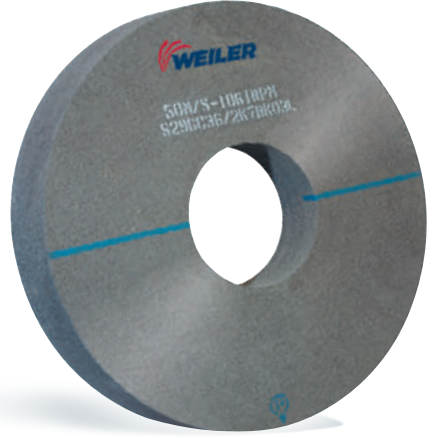
Vitrified Bonded CBN

For grinding the most complex tool parts.

INDUSTRIAL ROLL GRINDING WHEELS

Weiler produces wheels for grinding new rolls just delivered to the mill and for grinding worn rolls coming out of the mill. Our hot mill and cold mill wheels are designed to maximize your process efficiency and cost savings.

We can design wheels for specific roll types and materials or wheels that provide maximum flexibility in order to be effective across your whole range of roll types and materials.



PRODUCTS:

- Resin and vitrified bonded wheels rated for peripheral speed ranging from 25 to 63 m/s (5000 to 9800 SFPM)
- For hard specialty materials such as ASP and WIDIA, we offer super abrasive wheels with CBN and DIAMOND abrasives in sizes up to 762mm in diameter
- 30" – 42" Hot & Cold Mill Roll Grinding Wheels

"I consider Weiler to be a long-term partner. Their history of meeting our specific application needs has been world-class."

- Gary S., General Manager, Rolling Operations

Foundry Snagging

For a more efficient cleaning of castings in sand, investment cast and iron foundries.

Super Abrasive Hybrid Bonds

For CNC production of tungsten carbide tools.

Bearing Grinding

For efficient grinding requirements in bearing applications.

ASK THE EXPERTS



WPS Increasing Competitive Capability Through Process Improvements

Weiler Process Solutions (WPS) is a structured application engineering program designed to provide Weiler customers with engineering support to identify value added cost savings opportunities in their respective processes.

WPS is a comprehensive process where our expert application engineers access a specific process in order to identify improvement opportunities resulting in quantifiable cost savings.

WPS Benefits Include:

- Reduced cycle times
- Reduced consumable and tooling cost
- Reduced energy consumption
- Documented cost saving
- Elimination of process variability
- Elimination of bottlenecks
- Elimination of rejections and rework
- Reduced work in process
- Documented best practices

For more information and to schedule a consultation with a WPS expert visit: weilerabrasives.com/wps

Hot Pressed Conditioning

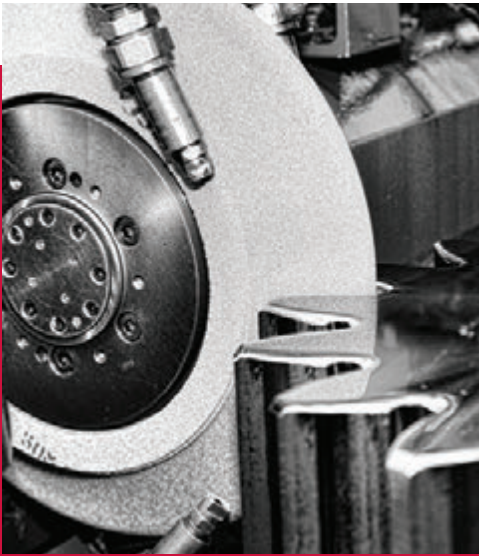
For your most challenging billet and ingot conditioning applications.

High Performance Roll Grinding

For production roughing and finishing of cold and hot mill rolls.

Gear Grinding

For precision gear grinding applications ranging from Reishauer to Klingelnberg and everything in between.



To discuss specific requirements with
a product specialist, call 800.835.9999.

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• Maribor (HQ)
• Zreče
• Loče
• Oplotnica

