

BREAKTHROUGH

WIMMER International – Pioneering Excellence in Heavy Equipment

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Language Notice

For readability, this publication uses the masculine form.
All personal designations apply equally to all genders.

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Looking Back & Ahead

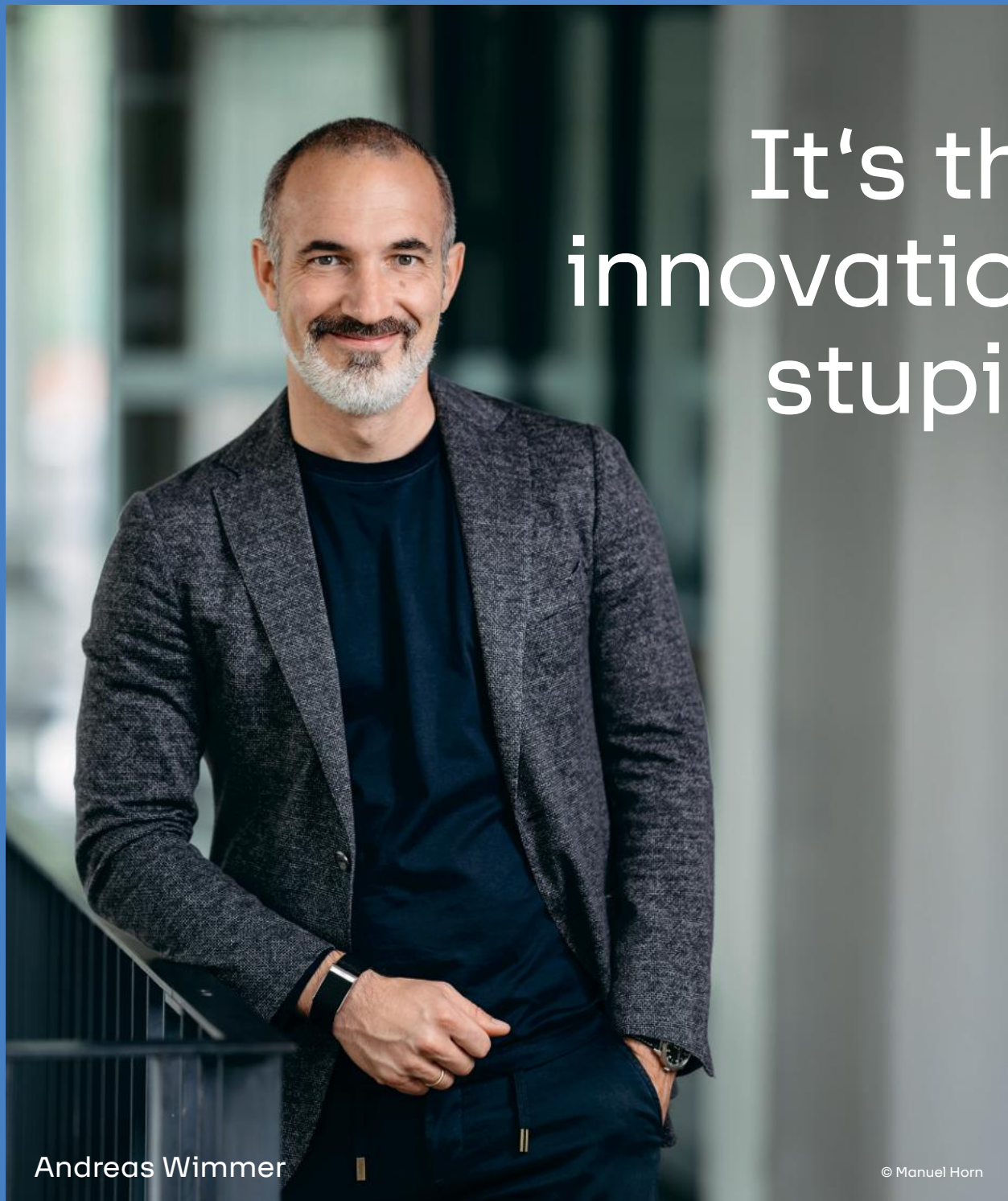
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Company
& Vision



Yes, we're driven ... driven by innovation! That's clear in the product launches we present in this (also brand-new) magazine: **BREAKTHROUGH** — the name says it all. The title of this magazine stands not only for what our products deliver, but also for our vision. With a passion for innovation and the courage to explore new paths, we don't wait for the big breakthrough — we actively drive it forward. This magazine is also an example of our slogan:

"Quality Without Compromise."

Three examples from the past twelve months



WIDA AB C20 T-4

The uniquely compact 2-in-1 solution combining drilling and splitting in one machine.



AB L100

An ultra-lightweight, high-performance drill attachment providing maximum flexibility for blast hole and anchor drilling.



mini e-Badger

The first fully electric, remote-controlled tunnel excavation excavator.



All of these products are **unique in the market**. For us, being innovative means going beyond standards — doing things better and delivering real **added value** to our customers.

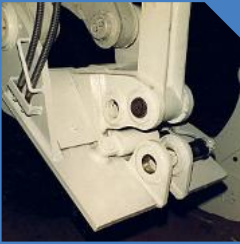
We have achieved this for more than 40 years with a **versatile product portfolio** — from buckets to tunnel excavators. We focus on **durability**, which also means **sustainability**. On **innovations** that convince in the long term. And on **outstanding service** that supports our customers throughout the entire lifecycle of their products. And above all: we genuinely love doing it — with great passion — so yes, also a little for ourselves.

As a second-generation **family business**, we always think and act with the next generation in mind. We invest in developments that may only bear fruit years later. Risky? Maybe. But it's also part of our identity: a company for the future — and a reliable, sustainable partner for our suppliers and customers.

We look forward to continuing to shape the future together with you!

With warm regards,
Yours,
Andreas Wimmer

Breaking Through since 1984



1985
A-Lock



1992
LUNA



2004
Oilmatic



1988
Bohrlafette



1993
Cutcroco



2007
Rental Fleet

Milestones of a Success Story

For more than four decades, WIMMER International has stood for technical precision, innovative spirit, and the courage to try new things. What began in the 1980s as a small family business has developed into an international company that has a lasting impact on the construction and tunneling industries. From the very beginning to today, WIMMER has pursued the same goal: to develop high-quality, innovative tools that meet the highest standards,

technically mature, durable, and always one step ahead. True to the motto: Break Through! Today, we look back at the "milestones" that have shaped our history — from the first A-Lock quick coupler in 1985 to our latest innovation, the WIDA Drill & Split unit. These milestones symbolize what drives us: courage to make progress, joy in developing, and the conviction that quality and innovation are inseparable.

**2013**

Line drilling
rig 7.100

**2021**

e-Badger

**2017**

Blue Badger

**2025**

WIDA AB
C20 T-4

**2015**

AB 2300T4
Drill & Split

**2018**

Jura Luna
Drill & Split

**2024**

yellowFOX

WIMMER Worldwide: Our Locations



Headquarters in Thalgau, AT

Since 1984, WIMMER has been producing attachments and tunnel excavators at its home site in Thalgau — and operates a rental fleet with more than 100 units.

6.000 m²	production area
76	employees
100	rental units



WIMMER Switzerland

WIMMER Switzerland AG in St. Erhard/Sursee has been offering service and repair work for all of Switzerland since 2019.

500 m²	production area
2	employees
100	rental units



WIMMER USA

Successfully represented in the North American market for more than two decades, WIMMER North America has been producing in Maine since 2008.

2.000 m²	production area
9	employees
90%	of products: Made in USA



WIMMER Czech Republic

WIMMER Czech Republic was founded in 1993 in České Budějovice (Budweis). A strong team provides repair and manufacturing services here.

4.000 m²	production area
14	employees



USA

SWITZERLAND

CZECH REPUBLIC

AUSTRIA



02



Innovations
& Products



A key objective during development was weight optimization. The result: the complete unit weighs only

1.730 kg (3,814 lb)

Maximum Power. Minimum Weight.



WIDA AB C20 T-4 at a glance:

- | | |
|--|---|
| <p>➤ 2-in-1 function
Drilling & splitting in one compact unit</p> | <p>➤ High-quality components
for long service life</p> |
| <p>➤ Precise
Rock drill for boreholes up to Ø 76 mm (3.0 in), 8 kW (10.7 hp) impact power and 400 Nm (295 lb-ft) torque</p> | <p>➤ Ideal for
Quarries, tunneling & job sites where blasting is not permitted</p> |
| <p>➤ Effective splitting
Machine-guided DARDA C20 splitting cylinder for controlled results</p> | <p>➤ Safe
Remote-controlled, low-vibration, an alternative to explosives</p> |
| <p>➤ Lightweight & mobile
Only 1,730 kg (3,814 lb) for 15-ton excavators (approx. 15 t / 16.5 short tons class)</p> | <p>➤ Powerful
DARDA C20 splitting cylinder with up to 1,800 t splitting force</p> |

WIDA AB C20 T-4:



The New Generation for Drilling & Splitting Operations

At WIMMER International, we are proud to present our latest development: the WIDA AB C20 T-4 — a compact, powerful drilling and splitting unit created together with our partner DARDA, the German specialist for hydraulic splitting cylinders. A key objective during development was weight optimization. The result: the complete unit weighs only 1,730 kg (3,814 lb) and can therefore be mounted and operated on a standard 15-ton excavator (approx. 16.5 short tons class) without difficulty.

"With the WIDA AB C20 T-4, we have created a compact, powerful, and practical solution for the toughest rock applications — thanks to the strong collaboration with DARDA."

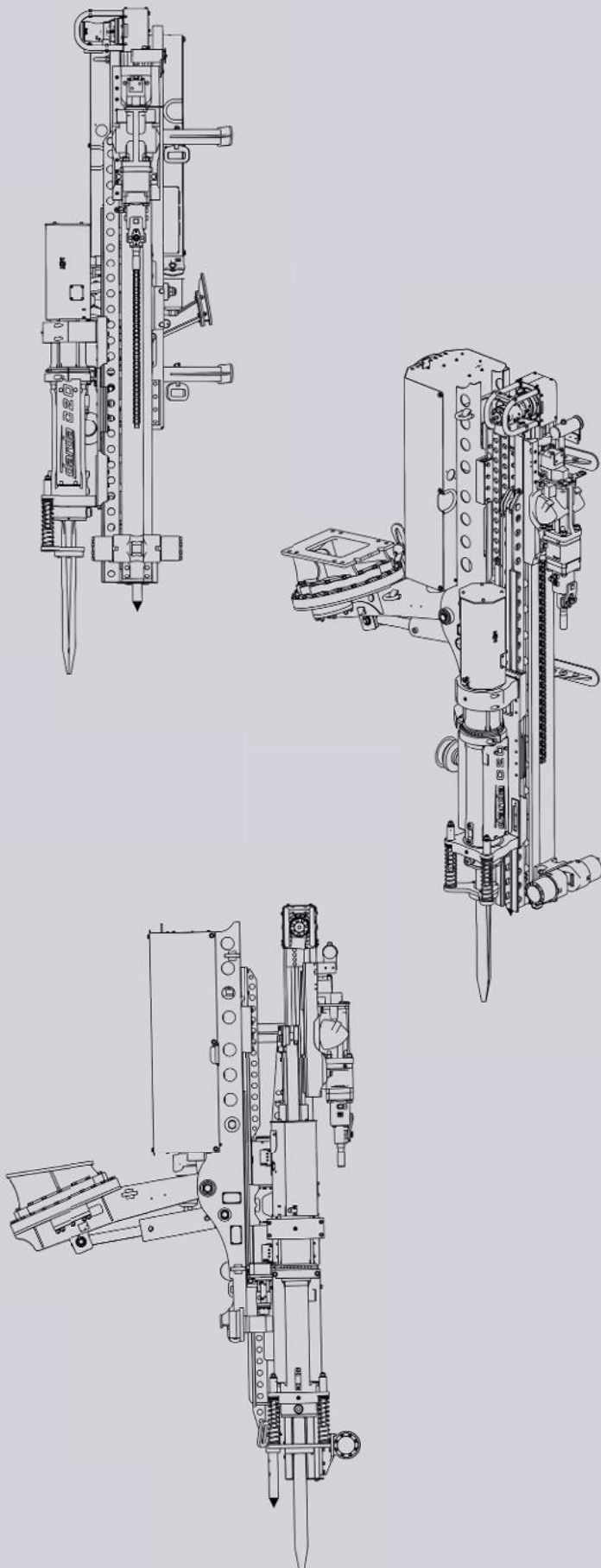
Matthias Schernberger

Product Management
Drilling Technology

What makes the WIDA AB C20 T-4 so special?

With the WIDA AB C20 T-4, we have succeeded in combining drilling and splitting in one machine. At the heart of the system is the interaction between our drilling technology and the splitting force of DARDA's C20 splitting cylinder, with an impressive splitting force of over 1,800 tons. Combined with a powerful rock drill (max. drilling diameter: 76 mm / 3.0 in, torque: 400 Nm / 295 lb-ft, impact power: 8 kW / 10.7 hp), this system enables precise and safe breaking of even the hardest rock formations.





Precision Instead of Blasting

Especially in areas where milling or chiseling is inefficient or where explosives may not be used — such as due to vibrations or regulatory restrictions — the WIDA AB C20 T-4 offers an outstanding alternative, because it works precisely, is remote-controlled, and operates with low vibration — ideal for sensitive rock construction projects.

Our Shooting Star at BAUMA 2025

The WIDA AB C20 T-4 was presented to the public for the first time at BAUMA 2025 — with consistently positive feedback. The prototype on display received the most responses of all machines presented at our booth, making it the shooting star of the evening!

Immediately afterward, the WIDA AB C20 T-4 proved its strengths under real conditions — both above ground at a mountain station and underground in tunneling. In both applications, it impressed with efficiency, precision, and reliability.

Collaboration with DARDA — A Full Success

Developing this product was only possible thanks to close cooperation with DARDA. In a short time, a unit was created that both partners can rightfully be proud of. The collaboration was characterized by mutual trust, technical know-how, and a shared goal: to create an innovative solution for rock excavation.

Break Through: Drilling Technology at WIMMER



Engineered for Breakthroughs!

Where others reach their limits, WIMMER is just getting started. From tunneling to quarrying to slope stabilization — our drilling technology delivers top performance wherever precision and penetration power are required. With ultra-light-weight attachment rigs, flexible drilling systems, or powerful multi-row drilling systems like Luna and Jura Luna, we have the right solution for every task. Innovative engineering, the highest quality, and practical development make our systems reliable partners in day-to-day operations. Because we keep pushing drilling technology forward — for maximum performance under any conditions.



AB L100

Lightweight on the scale. Big on the job.

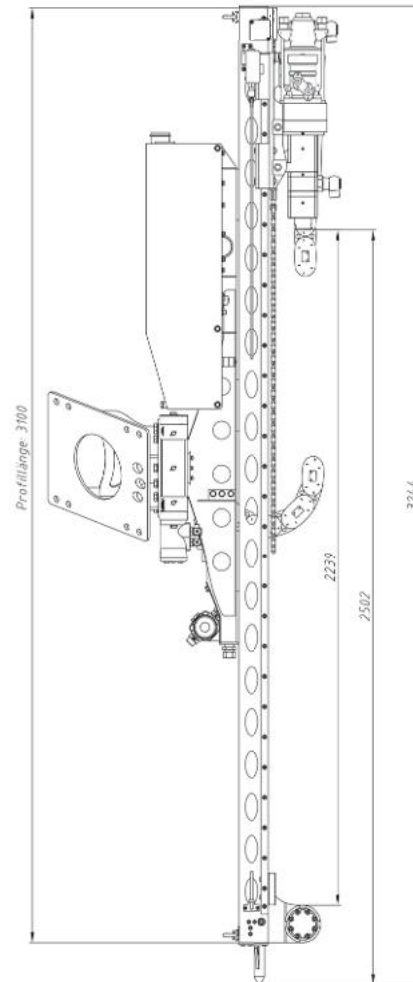
With the AB L100, WIMMER brings a true innovation to the market: an ultra-lightweight drill attachment that delivers maximum performance despite its compact design. Developed for tracked and wheeled excavators from 4 tons (approx. 3.6 metric t / 4.0 short tons), it combines minimal weight with maximum efficiency — ideal for blast hole and anchor drilling, even under demanding conditions.

A Compact Powerhouse

At only 400 kg (882 lb) machine weight, the AB L100 is easy to transport and quickly ready for operation. The MA100 rock drill with 1,000 Nm (738 lb-ft) torque and PLC drilling automation, radio remote control, anti-blank firing, anti-jamming automation, and void detection enables precise and safe drilling. The CF100 feed beam (360° rotation, not continuous) supports shanks from R25 to R51 as well as Titan 30/40/52.

Power, Precision & Mobility

For maximum flexibility on any job site, options such as angle measurement, a dust extraction foot, and a constant lubricator are available. This allows the machine to be optimally adapted. Whether for blast hole drilling or injection anchors — the AB L100 is always ready to go!



AB L100 at a glance:

Ultra-compact

Only 400 kg (882 lb) for excavators from 4 tons

Precise control

PLC drilling automation with depth measurement for exact results

Versatile

Ideal for blast hole and anchor drilling of all kinds

High performance

MA100 rock drill with up to 1,000 Nm (738 lb-ft) torque

Maximum control

Radio remote control for safe and comfortable operation

Quick to deploy

Easy to transport and ready to work immediately

AB 6900: The Powerhouse for the Toughest Jobs



When drilling is required under the harshest conditions, the AB 6900 delivers uncompromising performance. This attachment drilling system is built for extreme requirements — even where other systems have long since reached their limits. Developed for maximum efficiency and precision, this attachment drilling system combines cutting-edge technology with proven WIMMER quality.

The dual-head drive DH 12 provides exceptional power, operating with up to 12,200 Nm (8,999 lb-ft) torque. This enables drilling diameters up to 219 mm (8.6 in) — ideal for casing/overburden drilling, injection anchors, probe drilling and/or blast hole drilling.

AB 6900 at a glance:



Powerful

Dual-head drive DH 12 with up to 12,200 Nm



Drilling diameter up to 219 mm

for numerous applications



Built tough

Weight from 3,250 kg (7,165 lb)



High performance

Pullback force up to 117 kN (26,300 lbf)



Maximum flexibility

90° swivel, 360° roll-over (not continuous), 700 mm (27.6 in) lateral slide



Smart & safe

Radio remote control with infinitely variable control



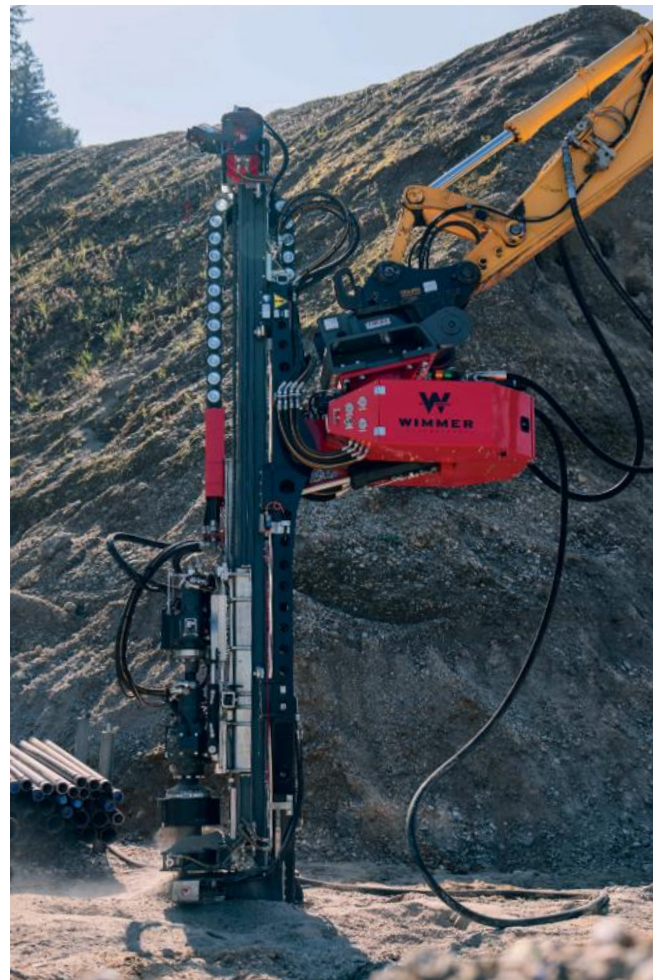
Power in its purest form.



Despite this performance, operation remains comfortable and safe: the radio remote control enables smooth, proportional control-giving the operator full command while working at a safe distance. Intelligent functions such as anti-jamming automation, angle measurement, and drilling automation with depth measurement ensure consistently precise results.

The AB 6900 also convinces in terms of flexibility: with a swivel range of 90°, a 360° roll-over (not continuous), and a lateral slide, it is equipped for a wide variety of site conditions. Optionally, the AB 6900 can be equipped with the WIMMER Cockpit, winch, and angle measurement with digital display.

In short: the AB 6900 is more than a drilling system — it is a true powerhouse for anyone who demands maximum performance, precision, and safety in one system.



Over 35 Years:

Break Through in Tunneling



Tunneling requires top performance — deep underground. For more than 35 years, WIMMER has been a strong partner to the tunneling industry as a supplier and outfitter — with innovative ideas, rugged attachments, and customized special solutions. Our goal: to create pathways where none existed before. And for that — if necessary — to push boundaries.



Going One Step Further

Innovation at WIMMER doesn't stop at the workbench. In addition to continuously developing our own technologies, we place great value on knowledge transfer and collaboration. As consultants and training partners, we work closely with professional associations, colleges, and universities. This helps continuously improve safety, efficiency, and sustainability in tunneling — and ensures our experience flows directly into practice.

Two innovations in focus:

yellowFOX

01

Together with Liebherr, we created the yellow-FOX a completely new size class for tunneling. It combines performance, flexibility, and robustness and is engineered for the most demanding operating conditions.



mini e-Badger

02

Even more compact is our mini e-Badger: a fully electric tunnel excavator for cross-sections starting at 2.7 meters (8.9 ft). It is emission-free, quiet, yet powerful — making it perfectly suited for urban projects and sensitive construction environments, without compromising efficiency or performance.



yellowFOX:

A powerhouse in Tunnelling.

Power Meets Precision

With the yellowFOX, WIMMER, together with Liebherr, brought to market a tunnel excavation machine that combines efficiency, safety, and power. Developed for tight spaces and tough applications, it impresses with enormous flexibility and an impressive breakout force of 115 kN (25,850 lbf). The yellowFOX is the result of WIMMER's 35 years of tunneling experience and the close partnership with Liebherr.

Our all-time favorite combines the Liebherr R914 Compact uppercarriage with the undercarriage of an LH R920. All superstructures, including the boom developed specifically for tunnel excavation, come from WIMMER. The result: a compact excavator only 2.5 m (8.2 ft) wide that can be used starting from a tunnel height of 4.2 m (13.8 ft) and reaches a working height of up to 7 m (23.0 ft).

More Bite through Rotation

The tunnel swing arm with 2 × 45° swivel bearings enables maximum mobility in excavation. As standard, the yellowFOX comes with the A-Lock 3 quick coupler — including SUVA certification for the highest safety standards. Power comes from a 90 kW (121 hp) diesel engine compliant with the latest emissions stage (Stage V / Tier 4 Final).

yellowFOX at a glance:



Powerful

Breakout force 115 kN (25,850 lbf), tear-out force 120 kN (26,980 lbf)

Compact

Only 2.5 m (8.2 ft) wide, use from 4.2 m (13.8 ft) tunnel height

Flexible

Working height up to 7 m (23.0 ft), 180° rotation from 5.2 m (17.1 ft) tunnel width

Efficient

90 kW (121 hp) diesel package, latest emissions stage Stage V / Tier 4 Final

Safe

Standard A-Lock 3 quick coupler, SUVA-certified

Innovative

Special tunnel swing arm with 2 × 45° swivel bearings



Training with Real Depth

Since 2020, WIMMER has supported the annual training of tunnel construction technicians at ZaB in Eisenerz. With expert talks — and the yellowFOX in tow — we bring practical knowledge directly into training, free of charge. The program is organized jointly by bfi Graz, ATA, and Montanuniversität Leoben. As a future-oriented family business, this contribution to the next generation of tunneling is a given for us — and a particularly nice highlight each year for us and our yellowFOX.

yellowFOX — In Demand Worldwide!

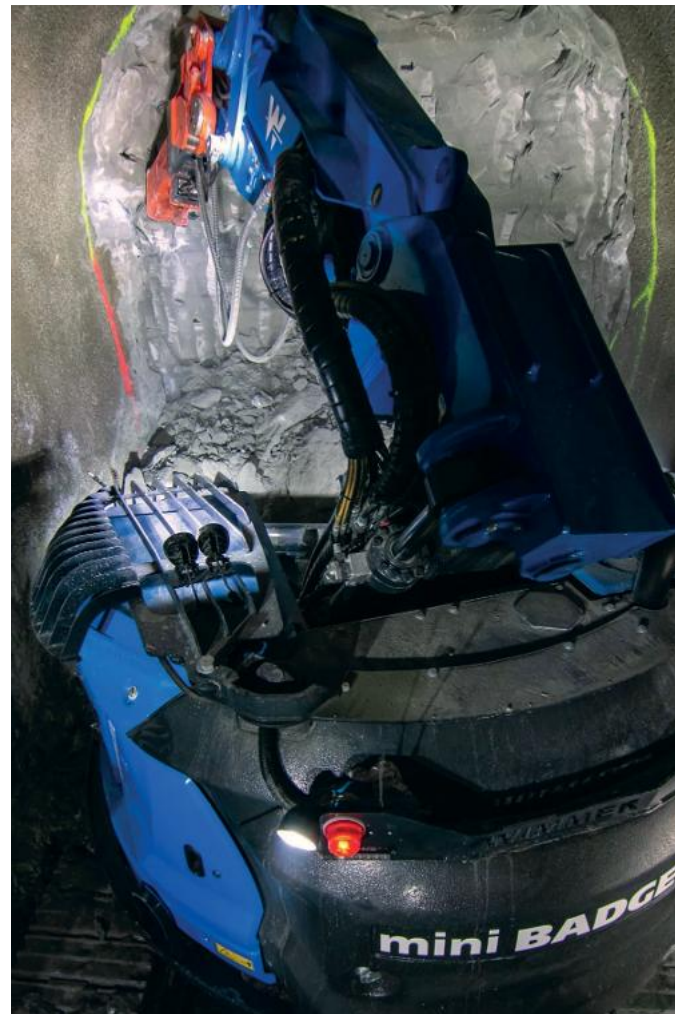
Whether in tunneling, mining, or training — the yellowFOX has proven its versatility multiple times. It demonstrated its strengths at the ÖBB tunnel breakthrough in Angath (Tyrol) as well as in the USA/Baltimore. In France, two machines are in use on the Lyon–Turin (LYTO) mega-site — one of Europe's most significant infrastructure projects. In the Czech Republic, Metrostav also relies on the yellowFOX, while more machines are being delivered to the United States.

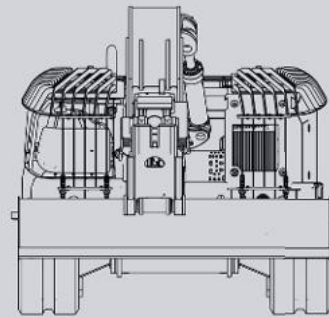
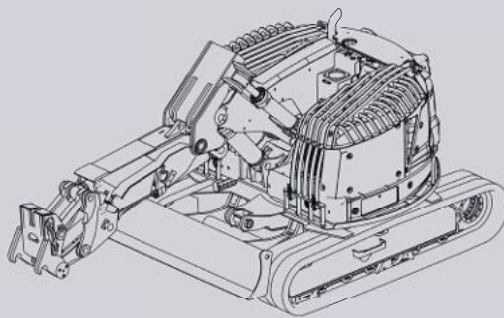
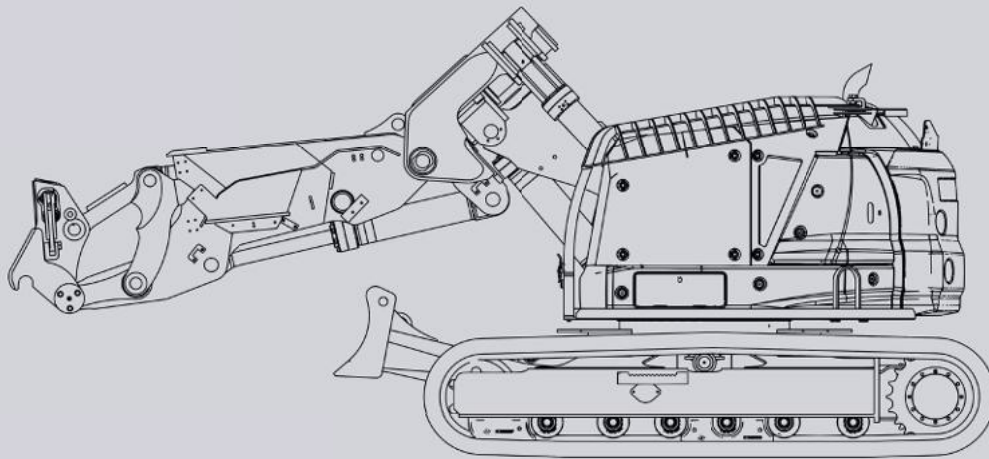
The mini e-Badger: Strong. Smart. Electric.

With the mini e-Badger, WIMMER presents a true premiere: the first electrically powered and radio remote-controlled tunnel excavation machine for small cross-sections starting at 2.7 meters (8.9 ft) tunnel height. Developed for the special requirements of tunneling and mining, it combines the advantages of its predecessors — the diesel-powered mini Badger and the electric Blue Badger — into a new, even more flexible solution. A clear advantage over conventional diesel machines: the electric drive eliminates the need for additional fresh-air supply for the engine. This saves space, reduces ventilation effort, and increases excavation efficiency.

For even more flexibility, an optional battery pack is available that enables relocation moves independent of grid power. The battery recharges automatically during operation.

With the mini e-Badger, WIMMER is taking the next step toward an emission-free, safe, and highly flexible future in tunneling and mining! And development continues: as a visionary “nomic” concept, the mini e-Badger is also intended for mining — potentially even as a “mining drone” that can work remotely controlled and partly autonomously in the future.





mini e-Badger at a glance:

➤ Premiere

First electric tunnel excavator from 2.7 m (8.9 ft) cross-section

➤ Compact

Radio remote-controlled, cableless, optimized for tunneling & mining

➤ Powerful

High breakout forces and hydraulic circuits for attachments

➤ Safe

A-Lock Safety quick coupler & integrated fire protection system

➤ Efficient

Grid operation (400 V / 125 A), reduced ventilation effort

➤ Emission-free

in operation, prepared for battery operation



From excava- tion to transport

As a specialist in earthmoving and quarry technology, we develop innovative attachments for hydraulic excavators, specialty tools, and customized solutions for the toughest job sites worldwide at our Thalgau location. With high-quality materials, strong suppliers, and full-service support from consulting to spare parts, we ensure performance you can rely on.

Whether excavation, transport, or material processing: digging buckets, tilt buckets, ripper teeth, grapples, hydraulic breakers, drilling systems, cutters, or separator buckets — our tools are perfectly matched to every task and deliver maximum efficiency and safety. This is why WIMMER International has stood for Quality Without Compromise for more than 40 years.

WIMMER in action:

At this point, a big **thank-you** to our valued customers: **Granitwerk Kammerer GmbH, Kessler bewegt's GmbH, Lepitschnik GmbH, Ros-Rock Steinbruch GmbH,** and our strong partner **Kuhn Switzerland** for the many years of loyalty and successful cooperation. Always a pleasure!



Luna 2.100: No Match for Granite

01

At the quarry of Granitwerk Kammerer GmbH, our specialized drilling system Luna 2.100 shows what it can do: designed for vertical and horizontal multi-row drilling, it impresses with 360° rotation and 3,700 mm (12.1 ft) usable drilling depth in the extraction of Hartberg granite. This deployment delivers precise drilling performance for the natural stone industry, even under the toughest conditions.



Jura Luna Drill & Split: Nature Meets Precision

02

In the impressive Jura region, nine multi-row drilling systems of the latest generation — the Jura Luna Drill & Split with automatic splitting mechanism — are in continuous operation, delivering highest precision, efficient drilling performance, and rugged technology. Our stone grapples are also used here daily and pass their personal stress test day after day.



Oyster 3.0 in Action

03

Whether in water engineering in Ried im Innkreis or building a stone wall in Nenzing — the Oyster 3.0 shows what it can do when placing river construction stones, restoring river-banks, and building fish passes. With rugged design, hydraulic continuous rotation, and versatility, it is ideal for sorting, gripping, recycling, or bank protection work.



Slope Buckets for Switzerland

04

WIMMER recently delivered 14 slope buckets to Switzerland. They stand for extreme robustness, flexible applications, and custom special versions — from integrated central lubrication to the swing motor. Built for excavators up to 50 tons (approx. 45 metric t / 50 short tons), made for job sites with the highest demands.



AB 4600 T-510 Drilling System

05

For more than ten years, our AB 4600 T-510 has been working at the Ros-Rock quarry, day after day reliable, powerful, and precise. Its endurance shows: WIMMER drilling systems are not only high-performing, but also durable partners in hard, continuous use.



Clean Work!

Where large volumes of rubble and waste are generated, you need technology that brings order to chaos. For more than 30 years, WIMMER has contributed to clean demolition. Every tool is designed for the specific requirements: rugged, reliable in continuous use, and flexibly combinable. This enables even seemingly unmanageable mountains of material to be sorted cleanly — from deconstruction to recycling.

Demolition shears, pulverizers, and grapples ensure massive structures are taken apart quickly and safely. Hydraulic breakers and cutters do the hard work on the material, while magnets and crusher buckets take care of clean separation and further processing.

The result: efficient operation on the job site, clear separation of recyclable materials, and a clean basis for sustainable recycling.



Our specialty tools for professional extraction and demolition:



Mammut grapples



Demolition shears



Pulverizers



Hydraulic breakers



Hydraulic magnets by Starmag



Crusher buckets and cutters by Rockzone



Top Cut 800 in Recycling

At a former quarry near Zir1, Plattner & Co now operates a modern recycling facility. Included: the TOP CUT 800 demolition shear. In deconstruction, it stands out with a large jaw opening, powerful cutting performance on concrete and rebar, and 360° hydraulic rotation — the perfect preparation for downstream processing in the crusher.

Technical highlights:

- **Jaw opening:** up to 890 mm (35.0 in)
- **Weight:** max. 3,300 kg (7,275 lb)
- **Hydraulics:** 350 bar (5,076 psi), 300 l/min (79.3 gpm)
- **360° hydraulically rotatable**
- Suitable for excavators **from 24 tons**



Mammut SG4.5 in Demolition

Katzlberger GmbH relies on two Mammut SG4.5 sorting grapples. Whether in industrial demolition in Linz or sorting and placing stones, the grapple proves to be a true powerhouse, rugged, precise, and continuously rotatable.

Technical highlights:

- **Shell width:** 1,000 mm (39.4 in)
- **Max. opening:** 2,276 mm (89.6 in)
- **Closing force:** 8 tons
- **Weight:** 2,100 kg (4,630 lb) (without adapter)
- **360° hydraulically rotatable**



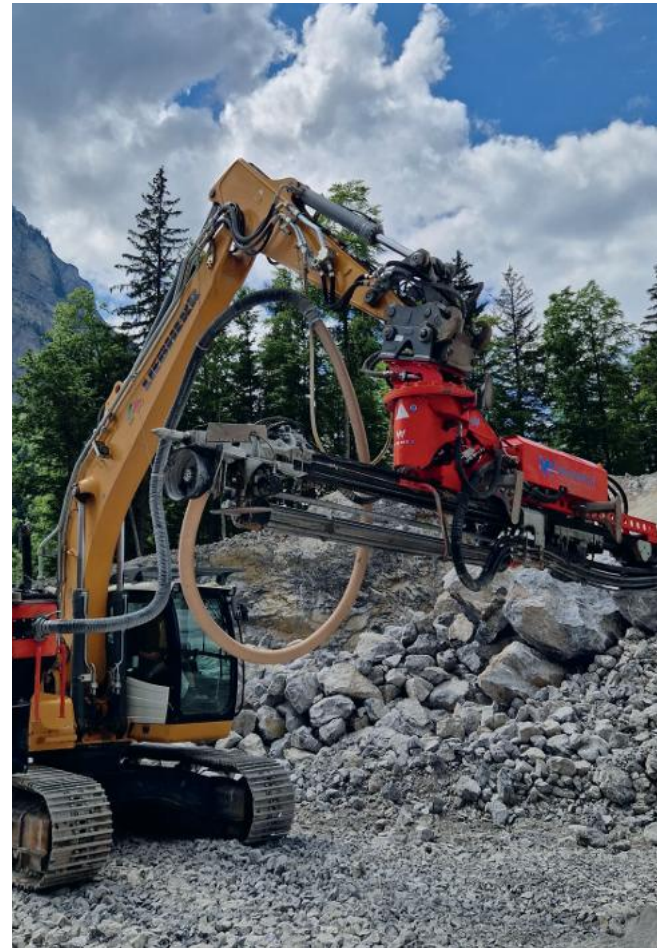
03



In Practice
& In the Field

Modern Drilling at the Ros-Rock Quarry

Since 2000, high-quality limestone has been extracted at the Ros-Rock quarry in Schnepfau (Vorarlberg). Behind the operation is Ros-Rock Steinbruch GmbH — a joint project of the Rüb, Oberhauser, and Schedler brothers. Geological conditions are challenging: no clear stratification, no fixed extraction direction. Every section requires adaptation to nature.



Technology that thinks along.

This is exactly where the WIMMER drill attachment shows its strengths. Its reach, horizontal and vertical, delivers maximum flexibility. The five-fold turret head with rod magazine provides speed, while drilling diameters up to 89 mm (3.5 in) or 72 mm (2.8 in) open additional options. This allows the team to respond to changing conditions at any time.

Efficiency from one source.

Another advantage: the driller is also the licensed blaster. He marks the drilling points, performs the drilling, and carries out the blasting. This saves time, reduces coordination errors, and enables smooth workflows on the site. Ros-Rock shows how thoughtful technology and experienced operators must work together. The

WIMMER drill attachment delivers the **flexibility, reach, and impact power** needed to work efficiently even under changing conditions. Ros-Rock thus remains a reliable supplier of high-quality natural stone — and a strong example of modern solutions in raw material extraction.

The WIMMER Rental Fleet Makes It Possible!



Tailored Rental Solutions

Through the WIMMER rental fleet, a wide selection of rental equipment is available. You receive top-maintained units, and upon request also including on-site training by our service team. Whether daily or monthly rental, full service or service on demand — our rental equipment also comes with tailored solutions.

Book Rental Equipment Online

Via the website wimmer-mietpark.at as well as our app, rental equipment can be rented digitally at any time. Simply choose the tool, enter information about the excavator and adapter plate, and check availability.



Tunneling of the Future:

In Conversation with Prof. Dr. Robert Galler in Kathmandu



During an international ITACET training session in Kathmandu, Nepal, WIMMER Managing Director Andreas Wimmer met Prof. Dr. Robert Galler, an internationally recognized expert in geomechanics and tunneling. In front of the impressive Himalayan backdrop, they discussed current challenges and opportunities in tunneling — the importance of Austrian expertise in an international context, the role of automation and digitalization, and the future of underground infrastructure.

Andreas Wimmer: Professor Galler, thank you very much for taking the time for an interview here in Kathmandu! You are running a two-day training program here. What distinguishes tunneling in Nepal from tunneling in Europe?

Prof. Galler: Nepal has similarly complex geological and hydrogeological conditions as the Alpine region in Austria. Austrian know-how in tunneling is therefore in high demand in this region. However, the challenges here are even greater: extreme overburden heights, high seismic activity, and difficult infrastructural conditions. All of this makes projects in Nepal particularly demanding — technically and organizationally.

Andreas Wimmer: You are considered a 'champion' of the Austrian tunneling method (NATM) and represent it worldwide. Why? Isn't this method a bit old-fashioned?

Prof. Galler: NATM (New Austrian Tunneling Method) is by no means old-fashioned — quite the opposite. It is often the technically best and most cost-effective method for handling complex geological conditions. Its greatest advantage is flexibility: we can respond meter by meter to changes in the rock mass and apply exactly the support measures needed. With accompanying monitoring, results can be verified immediately. In addition, we continuously develop the method — especially in data acquisition and analysis.

Andreas Wimmer: With so many challenges in tunneling, how much automation is actually possible here?

Prof. Galler: Unfortunately, we are still at the beginning. There is enormous potential in almost every work step, but first we must digitally capture all processes to create a solid data basis. Only then can automation concepts

be built. Since not everything can be implemented at once, I believe we need to define priorities together with the construction and machinery industries and start targeted research projects, the sooner, the better.

Andreas Wimmer: The issue of skilled labor shortages continues, although there has always been a shortage of very good skilled workers. How can we inspire young people for tunneling?

Prof. Galler: We try to inspire young people at ZaB — Zentrum am Berg, a unique underground research and training center for young people from age 14 — for tunneling. It's fascinating to be the first person to advance into areas of the earth that no one has entered before. And that's exactly what I always try to convey to the young people. Tunneling combines adventure, technology, and internationality — you can work anywhere in the world. The profession



Prof. Dr. Robert Galler holds the Chair of Subsurface Engineering at Montanuniversität Leoben and is an internationally recognized expert in geomechanics and tunneling. Since March 2024, he has served as President of the Austrian Society for Geomechanics (ÖGG).

He works intensively on questions of rock and tunneling engineering, geotechnical methods, monitoring strategies, and innovative approaches to stabilize underground structures. His work connects scientific research, international practical relevance, and teaching — making him a highly sought keynote speaker and expert at national and international conferences.

is also becoming more attractive for women, as digitalization and automation open up new opportunities. In other countries, there has already been a turnaround — in Sweden, for example, the share of women in this profession is said to be around 50%!

Andreas Wimmer: When people hear 'tunneling,' they often think of very high costs. This is often a hurdle for implementation — see the S-Link in Salzburg. What approaches are there to reduce costs in tunneling?

Prof. Galler: The high costs in tunneling are largely due to high personnel costs. In my opinion, however, those are justified, because the work is demanding and requires a lot of experience and flexibility. I therefore see cost savings more in three areas: automation, advance exploration, and material utilization. If we use geological data better and reuse excavated material instead of landfilling

it, effort and environmental impact decrease. It is also important to consider the entire lifecycle of a structure already in the planning phase, from design through operation.

Andreas Wimmer: Why should the future of infrastructure be underground?

Prof. Galler: Because we want to create quality of life on the surface. No one wants to live next to heavily trafficked roads or rail lines. Sewer systems, drinking water supplies, and all other utility systems are safely housed underground and do not affect the landscape in any way. And just think about energy supply: power plants in high mountain regions with long water conveyance systems and caverns deliver green electricity. And we are currently working intensively on storing solar and wind energy in underground storage facilities. Imagine if we built all these supply and disposal structures on the surface! For me it's cle-

ar: the future definitely lies underground — in megacities as well as here in Austria. For the best quality of life in our beautiful country.

Andreas Wimmer: What innovations do you expect in the next ten years?

Prof. Galler: I expect the biggest advances in artificial intelligence and automation, but also in resource-efficient underground construction and the development of innovative construction materials for tunneling. We will increasingly plan structures over their entire lifecycle. At the same time, the industry needs a new way of working together, less confrontation, more shared responsibility. If we manage to make the social benefit of our work more visible, that might be the most important innovation of all.

Slope Stabilization: Safe on Steep Terrain

Around two thirds of Austria consists of alpine terrain, making it one of the most mountainous countries in Europe, characterized by steep slopes, rocky ground, and daily challenges in slope stabilization. The best conditions for the best expertise!

Slope stabilization is among the most demanding areas in the construction and infrastructure sector. It combines geology, engineering, and craftsmanship. Where machines reach their limits and every move counts, specialists are needed who can read the terrain and assess risks.

One of these specialists is Thomas Unterweger from Carinthia. For many years, he has worked in rock stabilization and drilling technology and has been relying on solutions from WIMMER International since 2016. Why he does so, how the collaboration began, and why trust and reliability are crucial on steep terrain, he tells us in the interview:



How did the collaboration with WIMMER begin back then?

During my work for a Norwegian company in rock stabilization technology, I ordered one of the first drill attachments from WIMMER — back then for use in Scandinavia. That's how the first contact was made, and over the years it grew into a consistent collaboration. Even now in my self-employment (since 2020), I couldn't imagine a better partner!

What do you particularly appreciate about the collaboration?

Above all, the excellent service and constant availability. When you need support, someone is always there, that's something I really value.

How would you describe working with WIMMER in three words?

Competent, solution-oriented, and professional.

Are there shared values or goals that you share with WIMMER?

Yes, definitely: staying up to date and continuously developing. That's crucial in our industry.

What is special for you about working with WIMMER?

I think it's great to have a company like WIMMER directly in Austria, practically right on our doorstep, that specializes in this segment.

Is there a project that you remember particularly well?

Actually every one. In this industry, every project comes with major challenges, and that's exactly what sticks in your memory.

Where do you see the biggest challenges for the future?

I hope to maintain the current order situation and remain competitive. Given current economic developments, that's not a given.

What are you looking forward to in further cooperation with WIMMER?

To many more innovative ideas and to moving forward together.





Thomas Unterweger

Independent contractor in rock stabilization and drilling technology and WIMMER partner since

2016

Where the Ground Is Prepared for the Future.

WIMMER & Katzlberger:

Strong Partners for Experience you can
Precise Deconstruction build on.

For something new to emerge, something old must go, what applies to many areas of life also applies to demolition and deconstruction. And we have been following this principle for many years together with our partner Katzlberger GmbH. From initial planning to proper disposal, every deconstruction job requires experience, precision, and technical know-how, and confronts us with new challenges every time. What fascinates us most? We don't see deconstruction as an end, but as the beginning of development. Because every demolition is also the first step into a new future.

Katzlberger GmbH, based in Mettmach (Upper Austria), has been a reliable partner for decades in transport, earth-works, demolition, disposal, and rental. The family business stands for quality, a hands-on mentality, and practical solutions. In demolition, Katzlberger has established itself as a regional leader —with a comprehensive range of services from complete deconstruction to recycling and proper utilization.

In close cooperation with **WIMMER International**, **Katzlberger** relies on state-of-the-art demolition technology —

powerful tools that guarantee maximum efficiency, safety, and profitability. The combination of experienced personnel and high-end equipment makes the difference: where others reach their limits, the strength of this partnership begins.

At this point, a big thank you — and here's to many more successful years together!



Learn more at:
www.katzlberger.at





WIMMER in Action!

Geinberg Deployment: Deconstruction of the Old Dairy Farm

As part of the expansion of **Bergland-milch eGen** in Geinberg, the old dairy farm had to make way. Where milk used to be processed, an underground garage and a modern refrigerated high-bay warehouse for cheese are now to be built.

This required precise machine work: massive concrete walls and reinforced material had to be crushed and sorted. With the **Top Cut 700 Alligator**, the **Mammut SG 4.5 sorting grapple**, and the **WH26A hydraulic breaker**, the massive structure was dismantled in a controlled manner. Concrete and steel were separated systematically, a lot of material was moved, and the site was prepared step by step for new construction.

Deconstruction of the “Rehab Ruin” in Obern- berg am Inn

Originally planned as a spa and rehabilitation center, the project in Obernberg am Inn was stopped after a short construction phase. What remained was a massive shell structure — a ruin high above the Inn, long abandoned and unused.

Understandably, the unfinished ruin had been a thorn in the municipality's side for years. All the greater the relief when, after 20 years, the starting signal for deconstruction was finally given. For this emotionally charged project, nothing was to be left to chance.

The underground garage with around 190 parking spaces was to be preserved.

This demanded the highest precision and an exactly coordinated approach, because here, fine work with heavy equipment was required. For this project with **Katzlberger**, proven WIMMER demolition tools were used: **Top Cut 700 Alligator**, **SG 4.5 sorting grapple**, and **WH26A hydraulic breaker**. Reinforced concrete was separated properly, material was sorted, and the site was continuously cleared of legacy burdens.

The community can breathe again. What was once a neglected concrete skeleton has become an area with potential for new ideas and projects.



D4



People
& Insights



Johann
Schöndorfer
with the company since

1984

42 Years of Passion for Precision

Johann Schöndorfer has been part of WIMMER's history since April 2, 1984 — making him one of the company's first employees. Working in machining, he has also shaped apprentice training for many years. He witnessed the company's development from a small workshop into an internationally successful business. In this interview, he shares what still drives him today.

Do you remember your very first day at WIMMER?

Yes, of course! Big machines and equipment were everywhere — that was very impressive. Back then we had to pull down heavy chains — that was really hard work. Everything was new for me, but also very exciting.

What has changed the most over the past 42 years?

At the beginning we were in a small truck garage — we were three of us with the boss. Today we are around 60 employees and work in a large, modern building with multiple halls. A lot has changed!

Which project or product are you particularly proud of?

The quick couplers, the A-Lock. They sold like hot rolls back then — we manufactured 12 to 15 per week. Plus buckets and attachment plates. It was an intense but very successful time.

Is there a story or anecdote you will never forget?

There are many great memories. For example the wonderful parties we celebrated together, or Oktoberfest in Munich! Or our company trip to Styria, that was wonderful too. Those are experiences you always like to remember.

What makes WIMMER special for you as an employer?

For me, it's mainly the secure job close to home and the good working atmosphere. It has always been that way, and that's exactly why you stay with a company for so long. The teamwork here is simply right.

What would you tell a young person who is just starting at WIMMER?

WIMMER is a really cool company to work for! You have great colleagues, exciting tasks, and many opportunities to develop.

Which WIMMER values have remained unchanged for you?

Enthusiasm is the best lubricant — otherwise nothing keeps you going. That passion and commitment to the cause has never changed over all these years.

How have you experienced innovation and growth?

I've experienced many developments up close — starting with the quick couplers, then drill attachments, and later the demolition shear. And now the Blue Badger and the yellowFOX are new, exciting innovations again. It's fascinating to see how the company keeps evolving.

Where do you see the biggest challenges and opportunities for the future?

That depends largely on the economy — if it weakens, it affects all of us. But if we stay as innovative as we have been, then WIMMER will be around for a very long time. I would certainly be happy about that!

WIMMER goes Next Generation

A photograph of two men standing in a workshop. On the left is a younger man, Franz Tanner, wearing a grey long-sleeved shirt with 'WIMMER' on the chest, dark cargo pants, and a grey baseball cap. He has his hands in his pockets and is smiling. On the right is an older man with grey hair, wearing a grey zip-up vest over a grey t-shirt. He is also smiling. They are standing in front of large green industrial machines, likely lathes. A yellow warning sign with an exclamation mark is visible on the machine to the left. In the background, there are large windows and a digital readout (DRO) system with a screen showing '2042 X' and '27859 Z'.

Franz Tanner

Mechanical Engineering Technician,
3rd apprenticeship year

We like it!

Innovation has many faces — so do our apprentices :-). As a recognized training company, we train young talents in a three-year program and support them on their way into professional life.

A true win-win situation: our apprentices gain valuable knowledge and hands-on experience, while we as a company benefit from fresh ideas and lots of energy. This is how we shape the future of WIMMER International together. And what is it like for our apprentices here? We asked them!



Is WIMMER a cool apprenticeship company — and if so, why?

Yes, it's a very cool company for apprentices. For me, the versatile work, the helpfulness, and the consistently good mood within the team are especially important.

Do you have a 'favorite product'?

If so, which one and why?

My favorite product is our current project: a special excavator superstructure with the associated drilling system. I like this project because you have to think through your work steps and approach very carefully.

What would you do if you were the boss of WIMMER starting tomorrow?

Earlier working hours would be something I'd like to implement. Otherwise, I would try to keep the business running as well as our current boss manages to do.

What do you enjoy most about your training — and what not at all?

I like seeing how very special products can be made from simple materials.

What was the craziest or funniest experience during your apprenticeship?

The craziest week for me was getting an insight into the work of our fitters in the Jura region in Germany. I really enjoyed seeing how customers work with our equipment and how it is used.

What innovation should WIMMER bring to market next year?

In my opinion, no new product needs to be launched; instead, if problems or defects occur, you should simply work on them and improve things. That way the product stays good and you learn something at the same time.



A full-page photograph of a man, Bernd Ströbele, standing in a warehouse. He is positioned next to a yellow Darda C20 forklift. He is wearing a white button-down shirt, a dark brown zip-up jacket, blue jeans, and a brown leather belt. He is smiling at the camera. The background shows warehouse shelving and equipment.

**Bernd
Ströbele**

Sales Director / Darda GmbH
Cooperation WIDA
Partner since

2010

Our Partners

”

“Working with WIMMER is characterized by a special mix of customer focus, practical orientation, and appreciation. You feel understood, taken seriously, and always well supported.”

How did things start between you and WIMMER back then?

The collaboration began 16 years ago as part of a project in Azerbaijan involving the use of drill attachments in combination with stone splitting tools in quarries. About a year later, WIMMER purchased the first stone splitting tools from us. That was the beginning of a long-term, successful partnership.

What do you appreciate most about the collaboration with WIMMER?

Above all, our shared focus on the customer. Both companies have high quality standards and strong momentum, which makes for a very productive, solution-oriented collaboration. It's uncomplicated, on equal footing, and always focused on the best solution for the specific customer need.

Are there shared values or goals you share? If so, which?

Absolutely. We are connected by the ambition to deliver technically high-quality and at the same time practical

solutions. Both companies think entrepreneurially, are grounded, and consistently focus on quality, innovation, and customer proximity. That's what makes the collaboration so successful.

What is special to you about working with a family business?

In family businesses, you feel a different kind of commitment and responsibility toward customers, partners, and employees. Decisions are often made faster, are thought about long-term, and are driven by personal dedication. You can clearly sense that at both WIMMER and DARDA.

Is there a project that you remember particularly well?

There are many smaller projects that stand out in hindsight. For example, a successful project in Brazil or the development and implementation of multi-row drill-and-split systems. Projects like these show how well you can tackle international challenges together. Of course, our latest project, the drill-and-

split attachment rig called WIDA, is currently at the very top.

Where do you see the biggest challenges for the future?

The industry is increasingly moving toward automation. The shift away from handheld machines and tools toward automated solutions will shape development in the coming years. This requires both innovative power and flexibility — and we are already working on suitable solutions, as you can see in the successful implementation of the WIDA project.

What are you looking forward to in further cooperation with WIMMER?

To continuing this strong partnership. With new projects, new technologies, and a shared look to the future. I'm looking forward to many more steps where we can bundle our strengths as successfully as we have so far and drive innovation together.



WIMMER Technology in Action at Plattner

Where stone was once quarried, something new is being created today: at the former Martinsbrühl quarry near Zirl, Plattner has been operating a recycling landfill for more than ten years — turning construction waste back into valuable building materials. Concrete, asphalt, and residual materials from building construction are fed back into a cycle — strictly controlled, economically sensible, and ecologically responsible.

A key tool in processing is WIMMER's demolition shear with universal jaw set. It is used daily to crush concrete efficiently while cleanly separating the embedded steel. The steel is then removed from the material stream via a magnetic belt before the material enters the crusher. "With the universal

jaw, we can cut concrete and steel at the same time — that's ideal for our crushing operation," explains Peter Ausserer from Plattner. Especially with hard concrete, the shear shows its strength: rugged, precise, and reliable in daily operation — typical WIMMER.

In addition to recycling, safety and shaping of the landfill surface also play a major role. All covered areas are immediately greened. Steep slopes are secured with special, slip-resistant materials made from recycled construction waste. The entire landfill system is geotechnically planned — including drainage layers made from coarse concrete rubble to safely divert water.

"It's important to us that the recycled construction material meets the requirements for bearing capacity, gradation, and permeability — this is regularly checked," says Ausserer.

There are good reasons why Plattner consciously chose WIMMER shears:

"There are cheaper suppliers, but the quality convinced us. Since the first WIMMER shear, we stick with it."

Customer stories like this are the best compliment for our work. Thank you for the trust — and here's to continued great cooperation!

Sustainable into the Future



Sustainability has always been firmly anchored in WIMMER's company values, because as a family business we always keep the next generation in mind.

This also includes **responsible use of resources**. We already cover the electricity demand at our main site in Thalgau entirely with our own photovoltaic system and actively promote e-mobility.

We also set clear signals in **product development**: with the mini e-Badger, we brought the first electrified and radio remote-controlled tunnel excavator to market — a milestone in an industry that, at first glance, does not stand for environ-

mental friendliness. But for us, sustainability also means maintaining **high quality standards** for the long term. WIMMER products are rugged, durable, and not scrapped after a short time. What we develop should last for generations — just like our company.

We are convinced: anyone who invests in quality and thinks innovation responsibly shapes the future more sustainably, for our customers, our employees, and the world of tomorrow.





05



Looking Back & Ahead

BAUMA 2025: What a Week!

A big **thank you** goes to all visitors, customers, and partners who joined us at BAUMA 2025. Your feedback is our best motivation to keep proving pioneering spirit and bringing more innovations into practice!

Seven days, packed halls, countless conversations: BAUMA 2025 in Munich was a true highlight for us. Our booth in Hall A6-113 became a meeting point for partners, customers, and many new contacts — and a stage for the latest WIMMER innovations.

In the spotlight: the premiere of the **WIDA Drill & Split system**. Compact, efficient, and equipped with smart automation, it generated strong interest and many technical discussions. Another crowd favorite: the **mini e-Badger**. As a fully electric, radio remote-controlled tunnel excavator, it stands for the next generation of emission-free solutions and attracted many curious looks. What made us happiest? The many positive responses, the interest in our developments, and the energy that came from this trade show.



I want to...

We hope the first issue of **BREAKTHROUGH** not only gave you exciting insights into our work, but also showed what drives us: a passion for innovation and the joy of making new things possible together with our partners.

WIMMER International is versatile — but behind all our efforts there is one goal: we want to create real added value, enable progress, increase efficiency, and develop products that work reliably for years. For us, it means staying bold, exploring new paths again and again, and living our "Quality Without Compromise" claim every day.

We look forward to giving you exciting insights again in the next issue and to presenting further breakthroughs. Until then, we thank you for your interest and wish all readers all the best.

Maybe — and hopefully — see you again soon, in collaboration!

With warm regards,
Yours,
Andreas Wimmer



»»»» Break Through! ««««

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