PDi international
PROFESSIONAL DEMOLITION

HILTI CORDLESS, PAGE 90

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25 Years PDi 2000-2025 • Professional Demolition International Magazine Celebrates 25 Years • 2000 - 2025

bauma SHOW ISSUE



IACDS
SAYING GOODBYE TO IACDS
Page 6

News
TWO NEW PRODUCTS FROM HYCON
Page 14

News
BROKK LAUNCHES SMART ATTACHMENTS
Page 18

Shows
THE RETURN OF BAUMA
Pages 22-28

News
EURODIMA INTRODUCES REVO DRILL AND REVO STAND
Page 53

Special Feature
NEW DRUM CUTTERS
Pages 76-77

Special Feature
NEW MOBILE CRUSHERS AND SCREENERS
Pages 84-88

EPIROC ACCELERATES THE TRANSFORMATION IN CONSTRUCTION
Page 16

Special Feature
NEW DEMOLITION EXCAVATORS ON THE MARCH TO MUNICH
Pages 34-40

BREAKING NEWS
THE GAME-CHANGER FROM HUSQVARNA
Pages 100-101

NDA'S DEMOLITION NEW ORLEANS - CELEBRATES INDUSTRY INNOVATIONS, PAGES 46-49

HIGHER PRODUCTIVITY

Diamond Wire Saw DSW 1510-CA



The new diamond wire saw DSW 1510-CA – fewer cables thanks to radio remote control, no separate control panel and with CutAssist. The integrated electronics and Cut Assist support ensure greater productivity on the construction site. With the help of CutAssist, the wire tension is optimized to ensure maximum performance in terms of cutting progress and wire life. Cutting parameters visible on the screen increase ease of use and safety when cutting.

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Address: P.O. Box 786,
SE-191 27 Sollentuna, SWEDEN

Visitors address:
Skillingevägen 14A, SE-192 71 Sollentuna, SWEDEN

Phone: +46 700 300 650
E-mail: info@pdworld.com
Website: www.pdworld.com
ISSN Registration: ISSN 1650-979X

EDITORIAL STAFF

Editor-in-Chief
Jan Hermansson, *Jan.Hermansson@pdworld.com*

Assisting Editor-in-Chief
Anita do Rocio Hermansson,
Anita.Hermansson@pdworld.com

Editor: Vitor Hermansson, *vitor@pdworld.com*

Editor Europe: Mikael Karlsson,
mikael.karlsson@pdworld.com

Editor North & Central America
Jim Parsons, *jim.parsons@pdworld.com*

Editor South America
Luiz Carlos Beraldo,
luizcarlosberaldo@gmail.com

Editor Russia & Eastern Europe
Andrei Bushmarin,
andrei.bushmarin@pdworld.com

Editor Africa
Kevin Mayhew,
designmp@iafrica.com

SALES OFFICES

International Sales Director
André Hermansson
Phone: +46 (0)8 631 90 70, Mobile +46 (0)70 979 04 03
E-mail: andre@pdworld.com
sales@pdworld.com
info@pdworld.com

Publisher
Jan Hermansson

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CONTENTS

PDi • issue no. 2 March - April 2025 • Volume 24

REGULARS

Editorials
6 Saying goodbye to IACDS
8 PDi Magazine celebrating 25 years!
10 Navigating 2025: our industry's path forward

Associations
112 Recycling Congress sets new agenda

Business
6 Tana Oy expands its operations to Argentina
Slow recovery but bauma offers hope
NFDC announces CEO transition
8 Construction Businesswoman Award 2025
New area sales manager
10 Sennebogen and Rothe Erde celebrate anniversary
Tyrolit acquires Scanmaskin

News
12 The next generation of trommel screen
14 Hycon introduces the HPS12
Hydraulic hand saw from Hycon
16 Epiroc accelerates
18 Brokk launches 'Smart Attachments'
Brokk to attend bauma 2025
20 New products from Sanwa
31 Hydrodemolition reach and flexibility
32 Growing 'Pace' battery system
42 New 1-2t mini excavators
Digging boom and digging bucket
43 New Scanreco products at bauma 2025
44 Powerful dry and wet tools from AGP
45 Passion for innovation
50 Customised solutions
51 The new WSE912 wall sawing system
52 Exhaust free and powerful
Cordless Diamond Drill DD 150-U-22
53 'Revo Drill 350' and 'Revo Stand 400'
54 Continued commitment to North America
Conjet launches 'Rotating Head'
56 Husqvarna offers advice
Husqvarna introduces new 'Prime'
57 New diamond segments and tools
Conjet's commitment to total efficiency
60 Komatsu's latest demolition offering
61 Innovation in Recycling and Road Construction
62 The perfect renovation
66 Tyrolit ready for bauma
New features and options
74 Develon to focus on innovation
Klingspor celebrates 10th anniversary
78 Screencore appoints Orba Group
45 world premières
80 Hilti DSW 5030-CA
81 A strong team to bauma 2025
New 'Shark' shear from Trevi Benne
90 A new generation of cordless power cutters
Tele Radio to reveal trailblazing product line
91 Innovative crusher bucket
94 New generation Sennebogen telehandler
Kemroc at bauma 2025
96 The new Sennebogen 830 G
100-101 First self-operating floor grinder
104 Holp introduces 'RotoTop'
Hilti Group holds its ground
105 Together at bauma 2025
106 Promove at bauma 2025
107 Promotional offer from Braun
New propane Grinder from Lavina
108 Several new products from Trevi Benne
New high frequency saw line and coring motors
114 Scanreco invites attendees
Solutions for the growing demands

Jobsite Report
64 Controlled demolition and reconstruction
Scanclimber's innovative solution
82 Kleemann increases performance and quality
102-103 Dismantling of the Berkan B ship

Reports
46-49 NDA's 'Demolition New Orleans'
98-99 A new concept takes shape

Shows
22-28 The return of bauma
110-111 The largest Ecomondo ever

Special Features

34-40 New demolition excavators
69-72 Breaking Good
76-77 Drum and chain party at bauma
84-88 New mobile crushers and screeners

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Words from the IACDS President

SAYING GOODBYE TO IACDS

As my term as President of the IACDS draws to a close, I am struck by how quickly the time has passed. It has been a truly fascinating journey, marked by political challenges, the COVID-19 pandemic, economic shifts, global conflicts, and further political changes.

Initially, my understanding of the IACDS's scope was limited, but I have since gained a profound appreciation for its mission. Uniting diverse associations with a shared vision is a remarkable achievement for our industry. We all grapple with similar issues, from bidding processes and equipment maintenance to transportation logistics, staffing needs, and, most critically, comprehensive training programs.

I take immense pride in the accomplishments we have initiated and completed. Our three conventions were highly successful, offering valuable insights and resources directly applicable to our businesses.

We have consistently produced the Yearbook each year, which its latest edition will be launched at Bauma, but I am particularly excited about the progress of the Training and Certification card program. This initiative is essential for our industry's future, providing a structured framework for enhancing the skills of our emerging field operators. Joel Vinsant's dedication to this project has been extraordinary, and I eagerly anticipate its continued development.



Douglas Walker, president of IACDS

I would also like to extend my sincere thanks to the IACDS Secretariat. Their unwavering support and guidance were instrumental in making these achievements possible.

These past three years have been incredibly rewarding, and I am excited to witness the future growth and success of the IACDS.

NFDC announces CEO transition

The National Federation of Demolition Contractors (NFDC) in the UK regrets to announce that Duncan Rudall is stepping down from the position of CEO. Duncan has spent much time away from home and travelling on behalf of the NFDC. After his wife's cancer treatment, he has made the decision that he must spend more time at home with his family, where he's needed most.

Duncan has worked tirelessly to modernise the NFDC, support current members, and remove barriers to make it more accessible to new members, which has been successful. He has built greater ties and bonds with other industry representations, including the Institute of Demolition Engineers (IDE), the National Demolition Association (NDA), and the European Demolition Association (EDA), as well as regulators, in the push for transparency and better levels of competence.

Duncan will be in post until the 21 May 2025 and will remain an active participant in the NFDC, but in a lesser role. The NFDC would like to express its deep gratitude to Duncan for his dedication, leadership, and the transformative impact he has had during his tenure. His contributions have strengthened the Federation's position as a leading voice in the demolition industry and paved the way for continued growth and progress. The NFDC will provide further updates in due course.



John Lynch NFDC President.



TANA OY EXPANDS ITS OPERATIONS TO ARGENTINA

Tana Oy, a leading Finnish environmental technology company, and Covema SACIF, have signed a distribution agreement to offer Tana recycling machinery and landfill compactors to customers in Argentina. Through this collaboration, Tana Oy aims to strengthen its presence in South America, bringing its innovative waste management solutions to a broader audience. By combining Tana's expertise in high performance recycling and landfill equipment with Covema SACIF's deep market knowledge and customer focused approach, this partnership is set to drive efficiency, sustainability, and value for businesses across Argentina.

For over 52 years, Covema SACIF has been a trusted partner involved in construction and maintenance of infrastructure across Argentina. Committed to both people and the environment, Covema SACIF delivers cutting edge equipment and high quality products that contribute to sustainable development. The company also offers tailored financing solutions and an extensive after sales service network, reinforcing its commitment to safety, quality, and the long term sustainability of Argentina's infrastructure.

www.tana.fi

Construction equipment industry expects slow recovery but bauma offers hope

After a record year in 2023, sales of equipment used in construction produced in Germany fell in 2024 by 21% in real terms, and 20% in nominal terms. The biggest decline was in construction equipment, down 26%, followed by earthmoving equipment, down 23%, and road construction equipment, down 14%. One of the main reasons for this is that domestic sales slumped by 31%, the biggest decline since 2009. The European market also saw sales fall by more than 20%. The gloomy global outlook meant that exports outside Europe were unable to improve the picture.

At the VDMA's annual construction equipment manufacturers' conference in Frankfurt on 14 February, the general consensus was that manufacturers expect sales to grow by around 5% in 2025. "All players have to play their part, with a stable government in Germany being a basic requirement. This being especially so due to the new US administration," said Joachim Strobel, chairman of the VDMA Construction – Equipment and Plant Engineering association. "We can only continue to appeal to politicians in Germany and Europe to finally take measures to reduce bureaucracy and deregulation," added Franz-Josef Paus, chairman of the VDMA Construction Equipment Division.

The main risks raised are a delay in the formation of a government in Germany, continued unfair competition from Chinese manufacturers and geopolitical tensions. The main markets of Europe and North America are unpredictable, while the Middle East, especially Saudi Arabia, is currently a booming region. The industry however is expecting positive momentum from bauma (7-13 April 2025). The world's largest trade fair in terms of exhibition space, is fully booked, and the VDMA, as conceptual sponsor, will be present with an extensive supporting programme.

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PDI MAGAZINE CELEBRATING 25 YEARS!

The year 2025 is a bit special for PDi Magazine. It was at bauma 2000 that the magazine was first launched. This is where the first issue was released on the market.

25 years have passed since then. During the first years, the magazine was published quarterly, but soon it would be published bi-monthly. Quite immediately after the magazine was launched, we established a close collaboration with IACDS, the International Association for Concrete Drillers and Sawers, EDA, the European Demolition Association and for a while also CSDA, the US Concrete Sawing and Drilling Association. The valuable collaboration with IACDS and EDA has continued since then with regular editorial contributions from the association presidents. For a period, we also published CSDA presidential editorials in each issue of the magazine. For over a year now, the chairman of the German Demolition Association, Deutscher Abbruchverband, has also been a regular contributor to PDi. We are very grateful for these collaborations, and as a magazine, we try to regularly attend and cover the work and conferences of these industry associations.

In the 25 years of covering the international sectors for demolition, drilling, recycling, remediation, milling, shotblasting, grinding and polishing of concrete floors, hydrodemolition, handling of concrete dust and concrete slurry, etc., an incredible amount has happened. It has been a privilege to be able to follow the development of the industry. And we hope that with our staff we can continue to follow the industry for another 25 years to come!

I would also like to take this opportunity to thank all our advertisers, manufacturers, contractors and all our other readers for the fantastic support over the years. I would also like to thank all editorial contributors, our staff and all other important partners. Without you, PDi would never have become the well-respected magazine that it is today.

What laid the foundation for the magazine was that in the early 1990s I had the privilege of working with a handful of manufacturers in the sectors I just mentioned. That was the gateway for us and laid the foundation also for a Swedish industry magazine, very similar to PDi, to be founded back in 1995. This magazine still exists today and is celebrating its 30th anniversary this year.

It feels rather special that PDi's 25th anniversary falls in a bauma year as it was at bauma 2000 that the first issue was released. Now we are moving forward, with an eye on 2050, when the magazine will celebrate its 50th anniversary accompanied with a prayer that our world will then be safer to live in due to increased understanding between people and countries.

I Hope to see you at bauma in April. You will find PDi in Hall A1, Stand 136. You are welcome to come and help us celebrate our 25th year!



Jan Hermansson
Editor-in-Chief
jan.hermansson@pdworld.com

Julie White wins Construction Businesswoman Award 2025

Julie White, the managing director of D-Drill & Sawing, the chair of Build UK and the chair of the Drilling & Sawing Association, has won the Construction Businesswoman Award at the Great British Businesswoman Awards.

There were a range of awards handed out on the night of the British Businesswoman Awards covering a variety of sectors to celebrate and support women in business across the UK, with Julie White taking home the prize for construction in recognition of her passion for the industry. Julie has been a major voice for construction over many years and is regularly advocating for the sector at the highest level, including with the government and directly to the Prime Minister. Julie will also play a key role in 'Open Doors 2025', an initiative led by Build UK that will see hundreds of construction sites and workplaces open up from 17 to 22 March so the public – especially young people – can find out more about a career in the industry.

The award is the latest in a long list picked up by both Julie individually and for her business. She said she would use any additional profile to 'talk-up' construction as a great career. "I was honoured and humbled to pick up the Construction Businesswoman Award at the Great British Businesswoman Awards. It was an honour just to be there in the company of so many incredible people, and to win the award was the icing on the cake. Of course, it's always lovely to be recognised in this way on a personal level but, for me, the most important part of winning an award like this is it gives me the opportunity to talk about the industry I love.

"The government has just announced plans to build, build, build to get our economy moving and I am very much in favour of that because it's positive news for the whole supply chain. But we can only deliver on that if we bring through the next generation of workforce; we need 50,000 recruits a year to ensure the industry can deliver what the country needs. That is why I am so proud and passionate to support initiatives such as Open Doors to open more people's eyes to construction, show them the sheer amount of jobs and opportunities we have and what fantastic career prospects it offers.

"This is something I have been speaking to the government about on a regular basis and will continue to do so. And if awards such as this help to bring additional profile to me and the industry, that's even better. I am so grateful for all of the support, especially from the team at D-Drill that has helped me to pick up such a prestigious prize. I couldn't have achieved any of this without them delivering such as high class service and being at the top of our industry," concludes Julie White.



New area sales manager

Rotar International BV is pleased to announce the appointment of Kenan Cirak as its new area sales manager. With extensive experience in the attachment industry, Kenan brings a wealth of expertise, particularly in the field of scrap shears. His deep knowledge and proven track record in dealer development and customer consultation make him a valuable addition to the Rotar team.

Kenan has spent many years traveling across the EMEA region, successfully establishing dealer networks and providing expert advice to end customers, dealers, and OEMs. In his new role, he will be responsible for strengthening Rotar's presence in Norway, Sweden, the Baltic States, Romania, Greece, Turkey and Bulgaria. Additionally, he will play a key role in serving the ship recycling and offshore business sectors, leveraging his expertise to support customers in these specialised industries.

"We are excited to welcome Kenan to our team," said Louis Broekhuizen & Dominik Erath, business partners at Rotar International BV. "His industry expertise and dedication to customer success align perfectly with Rotar's mission to provide high quality, innovative solutions. We are confident that his contributions will further strengthen our market position and enhance customer satisfaction."

Kenan's appointment marks an important step in Rotar's ongoing commitment to expanding its global reach and delivering top tier solutions to its customers.

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Words from the EDA President



Navigating 2025: our industry's path forward

As we embark on 2025, the European demolition industry stands at a critical juncture, facing significant challenges and exciting opportunities. As EDA president, I personally believe that our success hinges on a commitment to innovation, education, and true collaboration to forge a sustainable and prosperous future for our sector.

These challenges could be overwhelming, but they only require a proactive and unified approach and a willingness to adapt and evolve. Nowadays, as the close of my time as president of the European Demolition Association is near, I can affirm that I am encouraged by our commitment in providing concrete resources and platforms that empower our members not only to survive but thrive in this evolving landscape.

This year started with the publication of guides about roles and career development in demolition and decontamination. Two guides born from collaborative working groups with the European Decontamination Institute that goes beyond simply identifying the skilled labour shortage. They outline potential career paths, defining job roles and necessary training. I truly believe these guides have the potential to be a turning point, fostering a new generation of skilled professionals dedicated to the safe and efficient evolution of our built environment.

Also, EDA is working on other publications that will have impact on the industry and that follow the European commitments and requirements for future industry. One such example is 'Urban regeneration and the carbon footprint of demolition', a guide that is currently being elaborated in the newest working group with the same name. This initiative is inspired by the United Nations Human Settlements Programme (UN-Habitat), mandated by the UN General Assembly (https://unhabitat.org/topic/urban-regeneration).

What makes me prouder is that this and other EDA publications will be launched at the EDA Annual Convention, which will take place in my home country, Italy. There, in Venice, from 12 to 14 June, we will enjoy this vital opportunity to connect with colleagues, share experiences, and contribute to the collective effort of shaping the future of our industry. This is a place where we can learn from each other, challenge conventional wisdom, and forge the necessary partnerships to overcome the obstacles before us.

In conclusion, 2025 demands that we confront sustainability and the skilled labour shortage with boldness and determination. I firmly believe that through the EDA's initiatives we can foster a stronger, more innovative, and more sustainable future for the European demolition industry. This is not just about profits or bottom lines, it is about our responsibility to the environment, the safety of our workers, and the long term wellbeing of our communities. It is about building a future we can all be proud of.

I look forward to seeing you in Venice.

About EDA

The EDA was founded in 1978 and is the leading platform for national demolition associations, demolition contractors and suppliers. The EDA has a strong focus on developments in Europe, which are of interest to the demolition industry.

info@europeandemolition.org
www.europeandemolition.org



Stefano Panseri, President of EDA, European Demolition Association

EDA EUROPEAN DEMOLITION ASSOCIATION



Sennebogen and Rothe Erde celebrate anniversary

As a traditional, family run company, Sennebogen Maschinenfabrik can look back on 73 years of success. With a wide range of solutions for the construction industry and material handling, the Lower Bavarian company, now has over 2,200 employees. As one of the world's leading producers of slewing bearings, Rothe Erde specialises in the development and production of rolling bearings and seamless rolled rings. The Dortmund based company works to develop customised solutions for mechanical engineering that are unique in terms of design, material properties and performance.

Successful collaboration

The collaboration between the two companies began in 1959. "Today, we supply almost the entire Sennebogen portfolio, from single row ball bearings for material handling machines with small boom lengths to three row roller bearings for port cranes with a load capacity of up to 90t," explains Alexander Jerrhof, account manager at Rothe Erde. Erich Sennebogen, managing director of Sennebogen, adds: "The quality and reliability of Rothe Erde's components have formed a dependable basis for our innovative and reliable premium products for decades. We value our long standing collaboration and look forward to many more years of joint innovation."

Celebration at the Erich Sennebogen Museum

The long standing partnership between the two companies is based on shared high quality standards and trust. "The collaboration between Rothe Erde and Sennebogen is a prime example of a successful and sustainable business relationship. We are proud to have been a reliable partner of Sennebogen for 66 years and to develop innovative solutions together," says Peter Küpper, sales manager at Rothe Erde. To mark the anniversary, Peter Küpper and Alexander Jerrhof from Rothe Erde presented the Erich Sennebogen Museum with a double row ball bearing that is identical in construction to the first model supplied in 1959.

Tyrolit acquires Scanmaskin to strengthen its market position in floor preparation

Effective from 1 January 2025, the Tyrolit Group has acquired 100% of the Scanmaskin Group. This acquisition enhances Tyrolit's market position in the floor preparation sector, making it a full service and system provider in this field.

The acquisition is yet another strategic move that will further expand Tyrolit's product portfolio in the floor preparation sector. Scanmaskin has a long standing history and is a well-established brand in the floor preparation market, known for its high quality and reliable products. The company's headquarters and production facilities are located in Lindome, near Gothenburg, Sweden. This site will remain operational and be further strengthened under the Tyrolit Group.

Member of the executive board for Tyrolit's Construction Industries segment Andreas Sauerwein commented: "The acquisition of Scanmaskin sends a clear message: floor preparation is a key growth market for us, and we are committed to investing in it. By integrating Scanmaskin, we are expanding our product range and are offering customers a more comprehensive solution portfolio."

Despite the current challenging economic environment, Tyrolit remains committed to its long term strategy by investing in forward looking markets. This acquisition demonstrates the company's confidence in the stability and growth potential of the construction industry in general and the floor preparation industry in particular.

PDi Magazine will later in 2025 publish a more in-depth report on Tyrolit acquiring of Scanmaskin and the future plans for the company.

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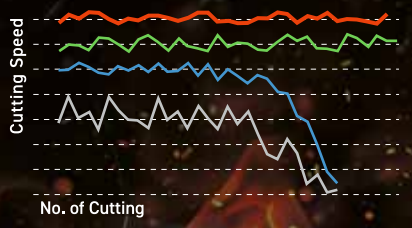
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THE NEXT GENERATION OF

TROMMEL SCREEN FROM DOPPSTADT

With the SM 620.3, Doppstadt delivers the latest generation of its proven trommel screen. Developed based on customer feedback and requirements, the SM 620.3 combines the proven performance of previous models with innovative features such as the 'DualPower' drive, which makes operation even more flexible and convenient.

Doppstadt says it has focused on flexibility and user friendliness with the SM 620.3. "With the latest generation of our trommel, users no longer have to choose between a diesel or electric drive," explains Moritz Müller, product manager at Doppstadt. This is due to the DualPower drive which combines both, and depending on the application, an uncomplicated change is possible. For example, if there is no power connection available, diesel operation is an option. In this case, the addition of AdBlue is no longer necessary. This saves costs and makes refuelling particularly easy. In residential areas, the 'e-drive' scores with its low noise levels, and in halls with reduced emissions.

Galvanised discharge belts

The SM 620.3 is said by the company to set new standards in material processing. The galvanised discharge belts are designed to offer high resistance and protection against corrosion. This proves particularly effective in demanding applications such as the processing of minerals. Furthermore, the new trommel is the result of intensive communication with users. Doppstadt states that it has optimised the machine to meet their requirements.

"Whether it's about efficiency, cost effectiveness or flexibility in use, the SM 620.3 delivers well thought out solutions that make every day work noticeably easier," says Müller. Other innovations include the redesign of the machine frame and the new arrangement of the motor and hopper. Both aspects significantly improve ease of maintenance thanks to large, hinged doors and practical cleaning openings. Wear protection solutions made of heavy rubber also ensure increased safety and durability. Flexibility and a wide range of equipment are designed to optimally equip the machine for the chosen application.

Proven technology, increased efficiency

The new stone grid, which opens to over 90°, quickly removes sticky material and allows convenient loading. Like its predecessor models, the new trommel is also equipped with a modern load sensing hydraulic control system that is designed to optimise energy consumption and reduce operating costs. "The new model offers the same performance with even greater efficiency," says Müller, summarising the benefits for users. With the SM 620.3, Doppstadt is presenting a machine that it believes combine proven technology with innovative product features.

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Munich, Germany
www.bauma.de

ISRI 2025/REMA 2025
May 12-15, 2025
San Diego Convention Center,
San Diego, USA
www.rema2025.com

CANADIAN CONCRETE EXPO 2025
Feb 12-13, 2025
International Center Toronto, Canada
www.canadianconcreteexpo.com

PLANTWORX 2025
23-25 September
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www.plantworx.com

WORLD OF CONCRETE 2026
January 19-22, 2026
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www.worldofconcrete.com

CONEXPO - CON/AGG
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HYCON INTRODUCES THE HPS12

Hycon's goal was to redefine the hydraulic power saw by making it more ergonomic, lighter, and shorter than any other saw on the market

Hycon is committed to compact design, and the company states that is has engineered the HPS12 with what the company says is the shortest body of its type, measuring just 48cm in length. This makes it 7cm shorter than comparable power saws, reducing unnecessary weight and enabling the tool to easily access tight spaces. To improve user performance and comfort, a wall walker for the top of the saw to leverage the wall when cutting has been developed. The wall walker pushes back behind the body edge, so it doesn't take anything from the maximum cutting depth which can be anything between 254mm and 635mm depending on bar length.

Purpose designed for guide rail

To further increase usability, Hycon states that it has developed a unique adaptor to the 'SawEZ' guide rail, making it the only power saw on the market that can be used with a guide rail. Hycon states that it also addressed a common issue found in most hydraulic power saws: the weight added by short hose whips. These often shift weight to the back of the tool due to heavy couplings. To counter this, the saw comes standard with 2m hose whips, allowing the couplings to rest on the ground and eliminating unnecessary dead weight for a more balanced and user friendly experience.

The ergonomic, lightweight handle is made of fibreglass reinforced nylon designed for comfort and ease during daily use. The saw uses Hycon's 'Power Drive' which has a high return pressure capability which handles up to 40bar. This is said to deliver three times higher return pressure than a standard hydraulic motor, enabling the running of longer hoses without any blown seals. It also possesses a trigger activated water functionality.

"At Hycon, we always push the boundaries of design and functionality. By making the HPS12 7cm shorter than comparable power saws, we've created a tool that is not only more ergonomic but also gives professionals the ability to work in tight spaces without compromising power or efficiency. On top of that, the HPS12is the only power saw on the market that works with a guide rail system. With the Hycon SawEZ guide rail, we're giving contractors and cutting professionals a low effort, high precision solution that ensures the perfect cut, every time.

"We've engineered a saw that can handle up to 40bar of return pressure, three times the market standard. That means no blown seals, longer hoses, and unmatched durability. In short, the Hycon HPS12 power saw is built to outperform and outlast anything else out there," said Martin Møller, CEO Hycon. "We know that professional cutting is anything but standard. That's why our hydraulic tools are engineered for relentless power and durability. The Hycon Power Drive handles three times more back pressure than other products on the market, keeping your cutter on the job longer with no downtime."

Hydraulic hand saw from Hycon

Hycon's latest innovation, the HHS20 hydraulic hand saw, is designed for concrete cutting combining power, precision, and durability for the toughest cutting tasks.

At the heart of every Hycon hand saw is the 'Power Drive', a purpose built hydraulic motor designed for handheld tools. It handles up to 40bar of return pressure, allowing the use of longer hoses without compromising power or risking seal failures. Featuring an automatic water activation system, a replaceable rear splash guard, and an ergonomic skid plate, the handsaw is designed to maximise both operator control and efficiency. The HHS20's design and performance have earned it a nomination for the prestigious IACDS Diamond Award, recognising innovation and excellence in the concrete cutting industry.

Robust tool

Hycon aims to provide a comprehensive range of tools for the concrete cutting industry, which includes a 508mm hydraulic hand saw, one of the most widely used saw types. The HHS20 handsaw is designed to cut all types of concrete, steel, rock, etc. The handsaw is designed for cutting even under extreme conditions, cutting window openings or other heavy duty tasks that heavy machinery cannot reach. It can be used for horizontal and vertical cutting and features an automatic water activation system where the saw and water flushing are controlled by a single trigger. The skid plate, with a replaceable rear splash guard and front mounted handle, are designed to improve user comfort and control.

Hycon states that it strives to reduce complexity where possible, which is why separate standard and flush cut versions of the saw have been made, rather than making a combination of both. "The simplified construction of the drive unit ensures fewer points of failure and longer working times. We know that professional cutting is anything but standard. That's why our hydraulic tools are engineered for relentless power and durability. The Power Drive handles three times more back pressure than other products on the market, keeping your cutter on the job longer with no downtime.

"At Hycon, we are committed to providing cutting edge solutions that enhance efficiency and reliability for professionals in the concrete cutting industry. The HHS20 is a testament to that commitment delivering exceptional power, precision, and durability, even in the toughest conditions. Being nominated for the IACDS Diamond Award is a great honour and reinforces our dedication to innovation and quality," says Martin Møller, CEO of Hycon.

www.hycontools.com



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EPIROC ACCELERATES THE TRANSFORMATION IN CONSTRUCTION

At bauma 2025 in Munich, Epiroc will showcase its groundbreaking products and solutions at booth FS 1208/1 in the outdoor area. There will be many new products but a particular focus will be on a new hydraulic breaker and a new demolition pulveriser. Epiroc's strategic focus on transformative solutions underscores its dedication to building a better, greener future for generations to come. Embracing the latest advancements, Epiroc states that it remains at the forefront of delivering innovative and sustainable solutions that propel the construction industry forward.

Epiroc unveils enhanced EC 100 hydraulic breaker

Epiroc has announced the launch of its updated EC 100 hydraulic breaker, packed with features designed to enhance handling, extend lifespan, and reduce maintenance needs. A standout feature of this model is the new wear bushing system, which simplifies maintenance with a replaceable insert that minimises downtime and costs. This insert can be turned 180° once the wear limit is reached, allowing continued operation while a new insert is ordered. Field replacement is easy with simple hand tools, eliminating the need for special equipment.

The EC 100 is now 180mm shorter and weighs 40kg less, improving handling and reducing energy consumption. The model features hybrid technology with an integrated nitrogen piston accumulator, designed to deliver high impact energy and smooth operation. The 'VibroSilenced Plus' system lowers noise and vibration levels. Advanced control technology, including an integrated control valve and an energy recovery system are designed to optimise efficiency and reduce vibrations. The breaker is ideal for applications such as demolition, rock excavation, and landscaping, ensuring high productivity and minimal downtime.

Epiroc expands its demolition pulveriser range with DP 3220

Epiroc has introduce the new DP 3220 to its demolition pulveriser range, joining the successful DP 1820, DP 2320 and DP 4220 models, while simultaneously completing the range. Designed for carriers of between 26t -45t and with a service weight of 3,250 kg, the DP 3220 features a performance booster, which is designed to enhance performance by up to 20%, reduce jaw cycle time by up to 25%, and improve fuel efficiency by up to 35%. This model also offers precise handling with 360° endless hydraulic rotation and a modular design that eliminates the need for cylinder rod protection.

Unique opportunity: one body, two versions

The Epiroc demolition pulveriser range with its performance booster can be retrofitted onto existing attachments. Epiroc states that unlike other pulverisers on the market that require different bodies to withstand the load of a performance booster, the slim, modular design can cope with the additional power. The DP 3220 is ideal for demolition tasks and secondary breaking of debris, facilitating material recycling and re-use, making it a versatile and sustainable solution for various applications.



Circular solutions

Epiroc is committed to circular practices and sustainable solutions. Through remanufacturing and midlife services, Epiroc is adding new life to end of life components and machines, minimising waste generation, and reducing CO2 footprint compared to new components. With each remanufactured part, Epiroc states that the customer will not only prolong the lifespan of that part, but also embrace a circular economy that prioritises reuse, refurbishment, and regeneration.

The journey towards sustainability and responsibility starts with the decision to implement rebuilt machines and remanufactured components into fleet maintenance plans. With Epiroc's commitment to the environment, operational efficiency, and responsible resource management, Epiroc aims to help customers achieve their ESG goals. Decisions made today will have an impact on the agenda of 2030.

With this circular offering, Epiroc aims to help customers maximise the lifespan of their assets and will continue to deliver products and services according to the highest quality, performance, and reliability standards. Epiroc offers a partnership approach to support the journey towards sustainability, efficiency, and profitability for their customers.

www.epirocgroup.com.

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BROKK LAUNCHES 'SMART ATTACHMENTS'



Brokk is proud to announce the launch of Brokk Smart Attachments, a range of patented developments designed to complement the Brokk 'SmartPower+' generation of robots. This range includes, the Brokk 'Cut-Off Saw' range and the Brokk 'TE Drill' range.

"We're excited to introduce the Brokk Smart Attachments, which sets a new standard in demolition," said Martin Krupicka, CEO of Brokk Group. "These tools are engineered to be more than just equipment, they are an integral part of a smarter, more efficient workflow. With Brokk Smart Attachments, operators can focus on the task at hand, while the machine and attachment automatically adjust to maximise performance."

The Brokk Smart Attachments are designed to provide a seamless experience, ensuring that the tools communicate directly with the machine for optimal performance. Integrating real time data from the attachments allows the machine to automatically adjust its settings, ensuring consistent and superior results.

The attachments are designed so that machines adapt automatically to the attachment for optimal performance with no manual intervention. Operators can save their settings for a specific attachment, ensuring immediate optimal work performance after changing attachments. The attachments are designed for reliable and smooth operation, delivering top tier performance when paired with the Brokk SmartPower+ robots.

Like the new Brokk SmartPower+ machines, these attachments are also designed to be future proof, with software and data tracking capabilities that allow operators to monitor hours, tool usage, and performance through the 'MyBrokk' online portal which has been developed to ensure peak performance at all times.

www.brokk.com

Brokk to attend bauma 2025 and make an exciting announcement

Brokk, the world's leading manufacturer of remote-controlled demolition robots, is excited to announce its participation in Bauma 2025, the world's largest trade fair for construction and mining machinery. Held April 7-13 in Munich, Germany, Bauma 2025 promises to be a global hub for innovation and industry-leading solutions.

In addition to offering visitors the chance to experience the full power and precision of Brokk's demolition robots at our indoor and outdoor booths, Brokk will make an exclusive announcement at Bauma.

"Bauma is the ultimate platform to connect with industry professionals and showcase the cutting- edge technology that defines Brokk," said Martin Krupicka, CEO of Brokk Group. '"This year is especially exciting for us, as we have an exclusive announcement that will shape the future of demolition technology. Stay tuned—this is something you won't want to miss."

"In addition to live demonstrations at our outdoor booth, Brokk's team of experts will be on-site to discuss your specific demolition needs and explore how Brokk solutions can elevate your project performance. The Brokk 70+, Brokk 170+, Brokk 200+, Brokk 300+, and the Brokk 500+ will be on display, showcasing the unmatched capabilities of our remote-controlled technology. Whether you're looking to enhance safety, precision, or efficiency, our team is ready to help you find the right tools for the job ," added Martin Krupicka.

Drawing nearly 500,000 visitors and over 3,200 exhibitors from more than 200 countries in its 2022 edition, Bauma remains the premier event for the global construction industry. This year promises even more cutting-edge technology, hands-on demonstrations, and valuable networking opportunities. Join Brokk at booths FM.711/4 and A1.149 to experience the future of demolition technology and be among the first to hear Brokk's exclusive announcement.



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OUTSIDE BOOTH - A01.A01.3

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NEW PRODUCTS FROM SANWA

With over 30 years of experience, Sanwa Diamond Tools Pvt. Ltd. have grown into a significant player on the Indian market. Equipped with a full range of Dr. Fritsch German machines, they handle the complete process from granulation to pressing, sintering, and laser welding. They have in-house manufacturing facilities for raw materials like bronze powders and iron phosphorus powders. They also have an in-house machining center for graphite.

Sanwa employs a team of 120 professionals, including experienced sales executives across India and a specialized R&D team. Their engineers, with more than 22 years of experience, can design and develop custom segments in-house. Sanwa export their cutting tools to countries including the UK, USA, and other parts of Europe. They have a facility of over 35,000 square meters of land, with a 7,500 square meter built-up factory and warehouse.

Sanwa tools have been integral in several high-profile projects. Edifice Engineering used Sanwa's deep drilling core bits to create controlled drilling holes for explosives. Sri Ragavendra Concrete Technologies Pvt Ltd used Sanwa's diamond wire and wall saw blades to cut through a 12m heavily reinforced concrete blast furnace foundation. Rapid Cutting Technologies India Pvt Ltd used Sanwa's core bits for underwater drilling at Chennai Port.



Sanwa have recently developed wall saw blades and diamond wire designed with the aim of working well with highly reinforced, high-grade concrete. Sanwa's continuous goal is to innovate, conduct research, and maintain quality standards. As part of their growth strategy, Sanwa plans to expand into the manufacturing of concrete cutting and drilling machines in the future.

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THE RETURN OF BAUMA

It is almost time for bauma in Munich once again. Despite much talk that the time for the big mega fairs is over, and despite the economic downturn, it seems that this year's fair will be record breaking with over 3,800 exhibitors and nearly half a million visitors from more than 200 countries expected. The fair will be held at the Munich Exhibition Centre from 7 to 13 April 2025.

bauma Munich is a trade fair with a capital 'M' for most sectors in the construction and civil engineering industry and has been for decades. The show will be held from 7 to 13 April in the Bavarian capital Munich. For the sectors covered by PDi Magazine, the fair has long been the given meeting place. Every three years, players from all over the world have the opportunity to meet on the global stage, with no other international fair being able to match this, making bauma unique.

Find manufacturers easily

For the diamond tools, drilling equipment, machines for treating concrete surfaces, remediation, construction vacuum cleaners, air purifiers, demolition robots, hydrodemolition robots and more product sectors,



Hall A1 is the given meeting place. Here you will find all the major players in the industry from near and far. Heavy demolition equipment, such as concrete shears, scrap shears, pulverisers, sorting buckets and the carriers themselves, are a little more spread over the 18 different halls and in the gigantic outdoor area. Here you will also find crushing buckets, milling cutters, mobile recycling crushers and screens and much more.

To make it easy for you to navigate the entire exhibition area, we have compiled a list of selected manufacturers in the product areas PDi readers are interested in. If you intend to visit the exhibition in Munich, it is a good idea to prepare your visit carefully. To go through the entire exhibition thoroughly, you actually need seven full exhibition days, which is the length of the exhibition. But no visitor is interested in all product areas, so careful planning is necessary to navigate through the many halls and the outdoor area. We believe that our list of selected exhibitors is a good tool to help see where the manufacturers of interest are located.

Those who intend to visit bauma this year should have booked accommodation long ago so as not to end up too far away and enjoy reasonable prices. If a booking is now required, then our advice is to do it immediately. It is still possible to get fairly reasonable prices with a travel time of between one and two hours from Munich. However, it is not uncommon to end up in Austria! We advise that where possible, try to book in an area with a train connection to Munich. The queues to the fair are often very long and can take hours. It should be added that it is often difficult to find a parking space near the fair if you are not there very early.

Big numbers

More than 3,800 companies are exhibiting at this year's fair. This is an increase of just over 150 companies compared to the 2022 fair. The interior area of the 18 halls in total measures 200,000m². To this should be added the outdoor area, which measures 414,000m². It is estimated that the number of visitors will reach nearly 500,000 people from over 200 countries. To facilitate transport between the halls and in the outdoor area, there is an automated walkway one floor up between the halls that runs quickly and smoothly. The outdoor area is served by free visitor trains. You can also take a rickshaw, but you have to pay for its use. But anyone looking for manufacturers of diamond tools, drilling equipment and other related items, will be able to find everything of interest in Hall A1.

IACDS Diamond Award

At each bauma, the international trade organisation IACDS (International Association for Concrete Drillers & Sawers) arranges its annual meeting, networking event

EXHIBITOR LIST BAUMA 2025

ACDE Europe AG	C5.348
Adamas BV	A1.332
AGP EUROPE BV	EWE.06
Airman / Hokuetsu Industries Co. Ltd.	C4.139
AIRTEC AG	A1.130
AJCE Europe	B5.513
ÅKERSTRÖMS	A2.127
Akerströms Björbo AB	A2.127
Alfred Kärcher SE & Co. KG	A1.103
ALL-KOR Co	C5.502
Allgon AB	A2.127
Ammann Group	FS.909
Antraquip Corporation	C5.601
Aquajet Systems AB	A1.325
ARJES GmbH	FS.1212/2
Arrowhead Winch	C4.527
Ashine Diamond Tools Co., Ltd	A1.510
ATLAS GmbH	713/2
Atlas Weyhausen GmbH	FN.1016/3
AUSA Center, S.L.U.	710/3
AUTEC Srl	808/14
Avant Tecno Oy	710/5
"B+W Gesellschaft für Innovative Produkte mbH"	B2.450
Backers Maschinenbau GmbH	B2.415
baier & michels GmbH & Co. KG	A3.303
BEILITE® Europe	C5.348
Bell Equipment (Deutschland) GmbH	C6.103
BERCO S.p.A.	A5.449
BHS-Sonthofen GmbH	B2.449
BOSS HYDRAULICS LLP	B4.331
BRAUN Rückbautechnologien GmbH	A1.215
Breaker SRL	A1.414
Briggs & Stratton Germany GmbH	A2.349
Brokk AB	711/4
Brokk AB	A1.149
Brunner & Lay Inc.	C4.527
CAMAC	A1.117
CAMS SRL	FS.1213/1
Cangini Benne s.r.l.	C5.149
Cangini Benne s.r.l.	711/4
Caterpillar	B6.102
CheckProof AB	A2.409
CM S.r.l.	FS.1213/4
CM Srl	B5.518
COMER INDUSTRIES S.p.A.	A3.225
Consec Corporation	A1.120
"Contec Maschinenbau & Entwicklungstechnik GmbH"	A1.239
CORIMAG S.r.l.	B5.324
Cummins Ltd.	A4.338
Daemo Engineering Co., Ltd.	B5.237
DandA Heavy Industries	C5.415
DARDA GmbH	A1.149
deconta GmbH	C3.438
Dehaco B.V.	FN.623/12
"Demarec Demolition and Recycling Equipment BV"	711/4
DEVELON	714/1
DEWALT	FN.919/5
Di-Star.EU	A1.500
Di-Star Ltd.	A12.A12.4
DIAM INDUSTRIES	A1.203
DIATOP SAMA CO.	A1.303
DIECI S.r.l.	FS.1108/1
DIEWE GmbH	A1.315
Digga LTD	B5.225
DOZCO	B5.101
Dozco (India) Pvt. Ltd	B5.101
Dr. Fritsch Sondermaschinen GmbH	A1.432
Dr. Schulze GmbH	A1.448
Dustcontrol GmbH	A1.549
DYNASET Oy	B5.418
DYNASET Oy	FN.1015/15
E-Z Drill, Inc.	C4.641
EHWA Diamond Ind. Co.Ltd.	A1.223
Elektrowerkzeuge GmbH Eibenstock	A1.537
EmiControls	B4.106
engcon Germany GmbH	708/3
ENTRACK EUROPE SRL	A5.325
EPEC OY	A2.426
Epiroc Deutschland GmbH	FS.1208/1
EURODIMA GmbH & Co. KG	A1.402
EvoQuip	B2.427
Fast Verdini S.R.L.	A1.440
FOGMAKER INTERNATIONAL AB	C2.313
FRUTIGER Company AG	B5.224
Furukawa Rock Drill Europe B.V.	B5.336
"Fuzhou Bontai Diamond Tools Co.,Ltd"	A2.503
GENESIS GmbH	FN.1018/1
GIPO AG	FN.919/9
GÖLZ GmbH	A1.449
Goldhofer AG	FN.819
Green Attachments Oy	B5.519
Hammelmann GmbH	A1.425
Hammer S.r.l.	711/4
Hammerglass AB	FN.719/11
Hidromec srl	A4.104
HIDROMEK A.S.	FN.918/1
Hilti Deutschland AG	A1.313
HIMOINSA	A45.A45.35
HINOWA S.p.A.	FS.904/9
HSD Europe GmbH	A1.319
Husqvarna Deutschland GmbH	A1.137
Hycon A/S	A1.513
Hydraram Deutschland GmbH	C5.610
Hydro-Tec - Pentruder	A1.403
HYUNDAI EVERDIGM Corp.	FS.1106/2
HYUNDAI M SYSTEMS	A2.407
ICS, Oregon Tool Europe SA	A1.415
Idrobenne s.r.l.	C4.148
IDROMECCANICA BERTOLINI S.P.A.	A1.539
IDROMECCANICA RAMTEC	C5.513
IMPACTS GmbH	A1.305
Inan Makina San. Ve Tic. A.S.	B5.412
INDECO Ind S.p.a.	709/8
Indexator Rotator Systems AB	808/16
INTERMAT	EOE.11
Italiademolitori S.r.l.	C5.526
Italmek Srl	C5.514
"John Deere Construction & Forestry Company"	FS.1111
KAMAT GmbH & Co.KG.	A1.324
Kaskod-Mtronix OÜ	A1.533
Keestrack NV	FN.1016/9
KEMROC Spezialmaschinen GmbH	FN.1017/8
"KERN-DEUDIAM Diamantwerkzeuge und Maschinen GmbH"	A1.420
Kiesel	FN.717
Kiesel GmbH	FOE.ICM.104
Kinshofer GmbH	711/4
Kleemann GmbH	FS.1110
Klingspor Schleifsysteme GmbH & Co. KG	A1.541
"Kobelco Construction Machinery Europe B.V."	N.1016/1
KOMATSU EUROPE INTERNATIONAL N.V.	713/1
Komatsu Germany GmbH	FOE.ICM.302
"Komatsu Germany GmbH - Mining Division"	713/1
"Komodo Treyler San. Tiç. Ltd.Sti."	FN.821/10
KOMPLET SPA	FS.1111/2
Kubota Baumaschinen GmbH	FN.1017/1
LaBounty	C5.448
"Liebherr-International Deutschland GmbH"	B5.439
Link-Belt Cranes	FS.903/1
LISSMAC Maschinenbau GmbH	A1.249
LiuGong Machinery Europe B.V.	FN.718/3
MAGOTTEAUX FRANCE SAS	B2.528
Mantovanibenne s.r.l.	C5.329
Maruzen Kogyo Co. Ltd.	C5.605
Matec Industries S.r.l.	C2.526
MB Dustcontrol BV	C5.349
MB S.p.A.	FN.1017/10
MBI Deutschland GmbH	C5.329
MECALAC	711/2
Messersi S.p.A.	FN.1017/2
MONTABERT SAS	C5.413
Motorenfabrik Hatz GmbH & Co. KG	A4.449
MSB Corporation	B5.213
MTB Breakers&Attachments	B5.412
MultiOne S.r.l.	710/9
Nakayama Iron Works Ltd.	C2.425
National Flooring Equipment	A1.413
Netzwerk Baumaschinen	B4.205
NEXUS DIAMANTE SRL	C2.318
NPK Europe Mfg.s.r.o.	FN.1018/3
OilQuick AB	FN. 818/1
Okada Aiyon Corporation	C5.438
OSA DEMOLITION EQUIPMENT S.R.L	C5.239
PDi Magazine/PDa Magazine	A1.136
Padley & Venables Ltd.	C2.215
Pentruder	A1.403
PROMOVE SRL	FN.815/9
Ramtec Oy	C5.339
REMU Oy	B5.408
REV s.r.l.	B2.250
RF System AB	711/4
Riedlberger GmbH	B5.303
RISE Robotics	A3.130
RIVARD	FN.920/11
Robert Bosch GmbH	A3.327
Robert Bosch GmbH	A4.526
ROCK.ZONE GmbH	710/7
Rockmore International	C2.327
"Rockster Austria International GmbH"	FS.1212/2
RONDA Vacuum Cleaners	A1.114
Rossi S.p.A.	A3.308
ROTAIR SPA	C5.238
Rotar International B.V.	C5.337
Rotobec	B5.229
Rototilt GmbH	FN.914/9
ROZZI SPA	B5.447
RUBBLE MASTER HMH GmbH	B2.236
RUBBLE MASTER HMH GmbH	FN.1219
PDi Magazine	A1.136



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Saint-Gobain Abrasives GmbH	A1.437
SAMEDIA GmbH	A1.411
SAMEP TOOLS SAS	C5.249
Samoter	EOE.17
Sandvik	C2.149
Sanwa Diamond Tools Pvt Ltd	EWE.17
SANY HEAVY INDUSTRY CO.,LTD	FN.619
Savic Group	C2.403
Scanreco Germany GmbH	A2.141
Schwamborn Gerätebau GmbH	A1.314
SENNEBOGEN Maschinenfabrik GmbH	0,712
SHEARCORE	C5.627
SIMA, S.A.	A1.125
Simex s.r.l.	C5.325
Skancraft GmbH & Co. KG	FN.719/10
SOCOMEC S.p.A.	B5.145
SOLGA DIAMANT SL	A1.312
"SONMAK Mermer ve Sondaj Ekipmanlari Imalat A.S."	A1.528
Spraystream	C2.403
STANLEY	C5.448
Steelwrist Deutschland GmbH	FN.1016/2
Strickland Ireland Ltd	B2.427
Strickland MFG	B5.349
STRICKLAND TRACKS LIMITED	A5.249
"Sunward Intelligent Equipment Co., Ltd."	FN.618/10
Superabrasive EOOD	A1.213
Swecon Baumaschinen GmbH	C6.303
TABE Hammers	FN.817/1
TDBS Handels GmbH	A1.100
Tehma SA	A1.128
Thwaites Ltd	FN.1017/4
Trevi Benne S.p.A.	C5.503
"Tyrolit Construction Products GmbH"	A1.139
V. Broendum A/S	A1.114
VISTARINI s.r.l.	C5.414
Volvo Construction Equipment AB	C6.303
Volvo Penta Central Europe GmbH	A4.412
Von Arx EOOD	A1.305
VTN EUROPE SPA	B5.413
Wacker Neuson SE	FN.916
"Wacker Neuson Vertrieb Deutschland GmbH & Co. KG"	FOE.ICM 201
"Wagener & Polascheck Vertriebsgesellschaft mbH & Co.KGc"	B1.212
WAKRA Maschinen GmbH	A1.301
WEKA Elektrowerkzeuge KG	A1.113
WIDECUT CO., LTD.	A1.134
Wimmer Hartstahl GmbHH & Co KG	A6.113
Wirtgen GmbH	FS.1011
WIRTGEN GROUP Branch of John Deere GmbH & Co. KG	FS.1110
WLP SYSTEMS SRL	C5.227
WOMA GmbH	A1.103
Yamamoto Rock Splitter AB	B5.317
Yanmar Europe B.V.	A4.425
Zeppelin Baumaschinen GmbH	B6.102
"Zoomlion Heavy Industry Science & Technology Co. Ltd."	FS.905



and the awarding of the IACDS Diamond Award. This has become a tradition and will be held on 10 April at 3:00PM in meeting room A31. The meeting room is located on the second floor near the west entrance. Information about the exact location of the meeting room is easiest to obtain from the information desk at the west entrance. The annual meeting starts at 3:00PM and is intended for IACDS members, while the network event is open to everyone and starts at 4:00PM. At 5:00PM the presentation of the IACDS Diamond Awards will be held. In the evening, the informal dinner in Munich will be held. The location will be announced during the show.

bauma is still important

2025 may face adverse economic conditions around the world and certainly an uncertain world situation, but this year's bauma looks very promising. There has been, and is quite a lot of talk, that the era of mega fairs will soon be over, simply because it costs far too much to both exhibit and visit. Both manufacturers and contractors are increasingly preferring the small, niche trade fairs within their respective product segments. But despite this, the bauma trade fair will probably live on for a long time. If you want to visit PDi Magazine, we will be exhibiting in Hall A1, Stand 136, right next to Husqvarna and Tyrolit.

www.bauma.de

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MEET THE DEMOLITION INDUSTRY IN HALL A1 AT BAUMA 2025

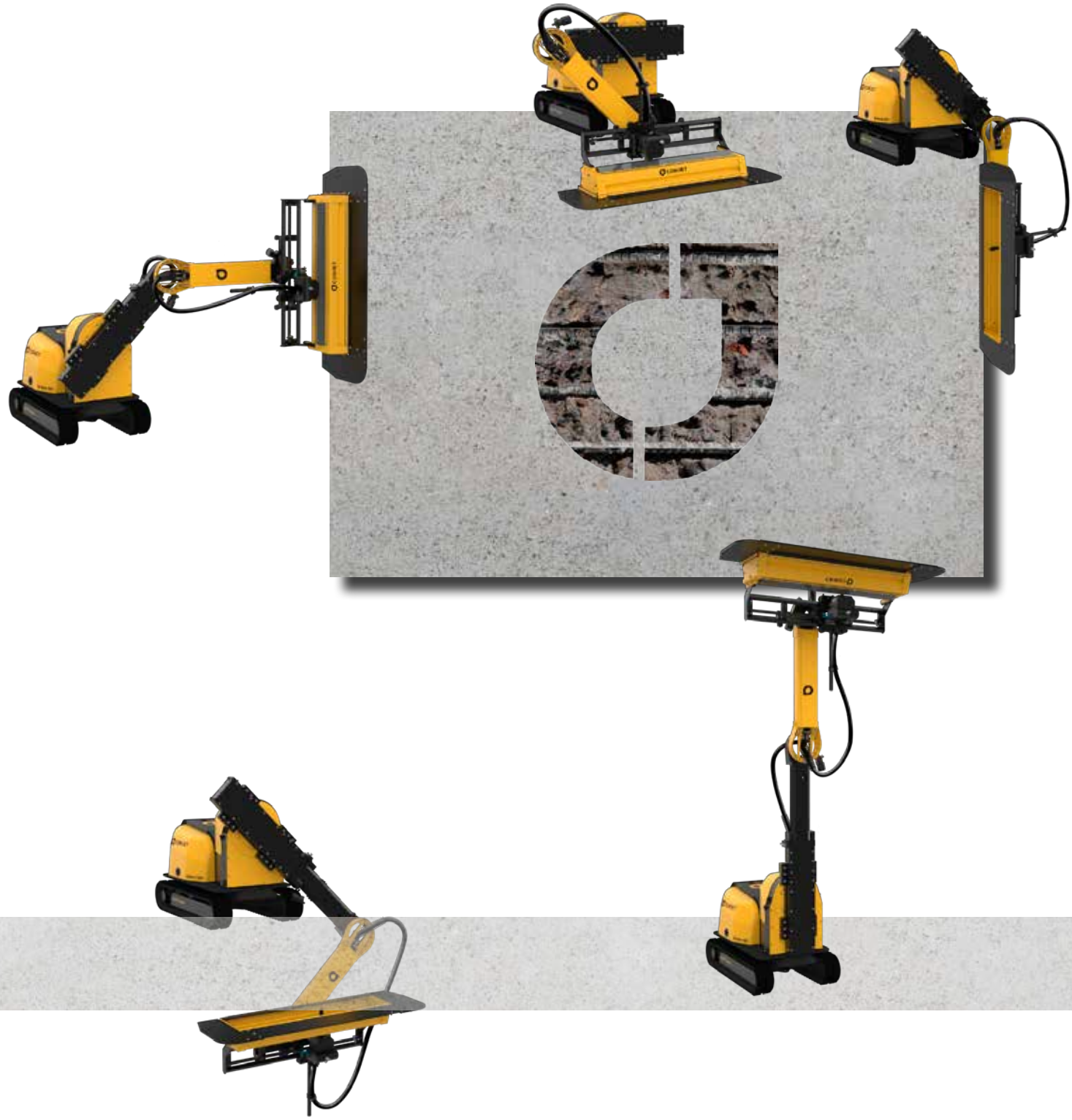
bauma's Hall A1 is where it all happens when it comes to tools and machines for concrete drilling, demolition, grinding and polishing concrete surfaces, remediation, handling concrete dust and sludge, water jetting and more. During a week at bauma, most of the manufacturers in these sectors gather here to network, present news and simply meet in a pleasant atmosphere. This hall is where, among others, some of the world's leading manufacturers of diamond tools and concrete cutting equipment are gathered. Here visitors can also find manufacturers of concrete floor grinding equipment, milling machines, shotblasters, etc. If you are looking for a powerful industrial vacuum or air scrubber, this is where you want to be. In the hall, visitors will also find remote controlled demolition robots and attachments for demolition or powerful hydrodemolition robots. On top of what is shown in the booths inside the hall, there are also a lot of machine demonstrations scheduled on the outdoor areas on both sides of the hall. Hall A1 is also the place where the world's players in diamond tools and drilling equipment, etc., come together. It is also easy to get to Hall A1: go through entrance west at bauma and you will be able to find it directly on the right hand side.

In this page you can find out who is exhibiting at this year's bauma. PDi Magazine can be found at stand 136.

www.bauma.de







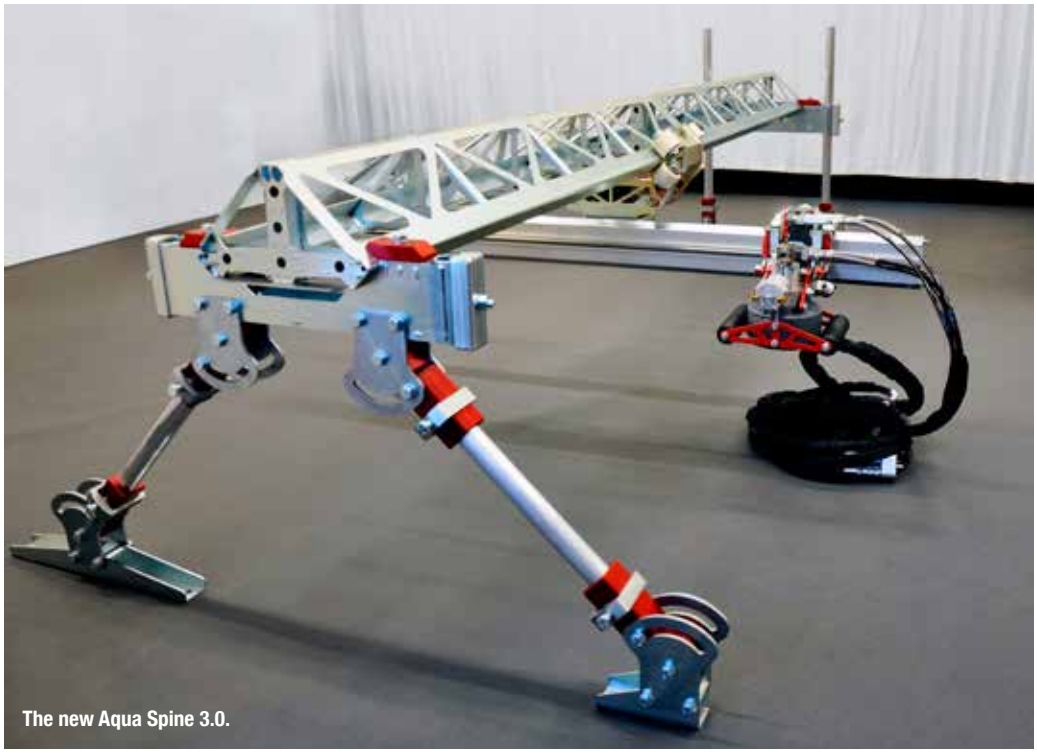
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The new Aqua Spine 3.0.

Aquajet expands hydrodemolition reach and flexibility

Aquajet has introduced a new support system designed to enhance the capabilities and flexibility of hydrodemolition robots in challenging environments. The system centres around the upgraded 'Aqua Spine 3.0', an extendable rail system that attaches easily to any surface, providing a stable platform for movement, with the 'Ergo Climbers' having also been upgraded to version 3.0. To better support the Aqua Spine and Ergo Climbers, Aquajet has created a customisable support system for greater flexibility and adjustable setups for different projects.

"We noticed a pain point where contractors are still using hand lances for jobs that can be accomplished more quickly with a hydrodemolition robot, given the right setup," said Roger Simonsson, managing director of Aquajet. "To make it easier to deploy hydrodemolition robots in even the toughest environments, we upgraded both the Aqua Spine and Ergo Climbers and developed a fully customisable support system with adjustable legs, brackets and rotatable joints. This allows contractors to purchase a system tailored specifically to their project needs, ensuring the right configuration for each job."

The Aqua Spine 3.0 is designed to expand range and flexibility for both on and offshore hydrodemolition applications. New passable mounts/brackets, support legs, adapter plates and feet make up the Aqua Spine, providing users the option to build longer setups when needed. Passable mounts allow the 'Power Head' to move from section to section without the need to stop and reposition. It is compatible with the 'Circular Power Head' and 'Aqua Centralizer', a ring mounted to the Aqua Spine base used for work on pipes or inside tunnels.

The updated Ergo Climber 3.0 features several improvements, with new passable brackets designed to enable the movement of the 'Ergo Power Head' continuously along the scaffolding. "With this new support system, contractors can easily adjust the support legs to exact heights or angles, ensuring stability and optimal positioning for their hydrodemolition project, regardless of the surface or environment," says Simonsson. It is designed to deliver even more flexibility and stability when working with the Aqua Spine 3.0 or the Ergo, offering a customisable solution that adapts to the specific demands of each job.

The system consists of support legs, brackets and joints that are easily adjustable in both height and angle. Featuring only nine parts, the system uses interchangeable CC80 hole pattern and M16 screws, enabling quick reconfiguration from one project to the next. Contractors can also select from light and heavy versions to meet the specific job needs. The 'light' series is a lighter weight, flexible system ideal for the Ergo, while the 'heavy' series is more stable and robust to handle a more powerful machine, such as the 'Aqua Cutter' 750V's power head.

These systems can be adapted to a wide range of industries to remove any number of materials. It adapts to various surfaces allowing contractors to precisely adjust leg height and angle for optimal stability. Fully customisable for specific project requirements, the system's reusability and scalability allow for future reconfiguration.

www.aquajet.se.



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HUSQVARNA CONSTRUCTION ADDS

TWO NEW MACHINES TO ITS GROWING 'PACE' BATTERY SYSTEM

With three power cutters, one core drill and one dust extractor making up its 94V Pace battery system, Husqvarna Construction aims to demonstrate its commitment to supplying electric products for more demanding jobs in the construction industry.

Interest in cordless, battery powered equipment from customers in the construction industry continues to rise. This is driven by many factors, including the attraction of an improved operator experience and the benefits of reduced noise and emission levels. "As a trusted partner to our customers, we want to support them in getting the most demanding jobs done, even in remote, off grid locations. With the Pace battery system, we have a powerful range of machines as a strong alternative for operators who prefer all the benefits that a battery product can offer, but need high power for heavy duty applications," says Joe Taylor, VP product and service management.

Operator health and performance in focus

To complement the award winning K 1 Pace power cutter, and the specialty model designed for rescue services, a new power cutter developed specifically for work on railways, tram tracks and metro systems is being introduced. The other two additions to the battery system for heavy duty applications are a new dust extractor, the DE 120 H Pace, and a core drill, DM 1 Pace. "We know what it takes to get highly demanding jobs done and we don't compromise on quality and performance. With DM 1 Pace, customers get one of the most powerful battery core drills on the market, tailored for the highest demands of drill stand drilling. To optimise performance, it's paired with D1610 drill bit," says Joe Taylor.

The drill motor is designed for both wet and dry drilling. However, for users who prefer dry usage to avoid slurry, both DM 1 Pace and K 1 Pace can be paired with the DE 120 H Pace. The new H-classed dust extractor, DE 120 H Pace has been designed to put worker health in focus, aiming to meet the highest dust regulations and standards. With its compact, mobile design and high performance, the powerful DE 120 H Pace battery dust extractor is designed to provide long working intervals without sacrificing performance in challenging and remote working environments.

Two platforms charged with possibilities

With the 36V BLi and the 94V Pace battery systems, Husqvarna aims to now offer two proprietary battery solutions, each optimising the operators' workday in their respective applications. "We believe in an electric future, and we're committed to further developments of our range on these platforms. We are proud to deliver solutions that support customers in the construction industry on their journey towards reduced fossil dependency," concludes Joe Taylor.

The Husqvarna Pace battery system supports a growing range of heavy duty machines that give the operator 94V of real power which can be applied to jobs at challenging sites where previously only combustion powered alternatives have been an option. It gives operators the mobility of cordless equipment and covers a wide range of applications, such as working in remote places with no access to the electrical grid, urban areas where noise level or emissions are an issue or in tunnels and trenches where emissions can cause problems for the operator. For lighter jobs, such as hardscaping, masonry or roofing, the Husqvarna 36V BLi battery system offers a full range of products on one common battery system.

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Bauma 2025 - Munich 7-13 April - Outdoor Area - FM 709/8

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NEW DEMOLITION EXCAVATORS
on the march to Munich

bauma – the world's biggest construction trade show – will take the stage in early April amid growing political uncertainty and deepening economic problems. Despite the unprecedentedly challenging past three years, the demolition industry is still optimistic for a much awaited resolution and a subsequent market upturn. Based on that premise, the manufacturers of demolition excavators have prepared a veritable armada of new machines to roll out at bauma.

Komatsu to live demo new boom change system and demolition simulator

A highlight of the Komatsu booth at bauma will be a live demo of the PC390HRD-11 excavator equipped with the K100 boom change system. Using the K100 system, the operator can change the configuration of the boom from the cab. The process is controlled through the 'Human/Machine Interface' (HMI) display panel in the operator's cab. The K100 system allows the excavator to be reconfigured to suit, saving the need for additional machines onsite. Komatsu's Working Gear product marketing manager, Simon Saunders, reports: "Customers tell us that the K100 system is a game changer - the safety benefits are particularly well recognised. With no need to work at height or handle heavy hydraulic hoses, the machine can be reconfigured right onsite. We have even been told that some projects would have been impossible without the K100 system." The PC390HRD-11 offers three interchangeable front attachments: a digging/low height demolition boom, a 3m extension boom and high reach demolition equipment. The carrier is capable of operating a 2.5t attachment at a maximum height of 26m, a 3.35t tool at 23m and a 4t one at up to 15.5m. The machine also features an inhouse developed dust suppression system and an optional automatic centralised greasing system. Both solutions are fully integrated into the K100 system.

For those who want to train themselves in operation of the excavator, the demolition simulator in Hall C6 at bauma offers a perfect opportunity. This simulator provides a realistic digital training environment, allowing operators to practice boom changes and master the K100 HMI in a safe and cost effective manner. A total of nine different training scenarios featuring multiple tools and boom configurations are offered to simulate real life jobsite situations. "The newest demolition simulator is a perfect addition to our simulator lineup, offering unparalleled training possibilities for Komatsu customers," says Sarah Munsters, training manager

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www.komatsu.eu

New features on Sennebogen's proven 830 E 'Demolition Vario Tool' excavator

At bauma 2025, Germany based Sennebogen will present its proven Sennebogen 830 Demolition Vario Tool excavator equipped with the new options of a digging boom and a digging bucket, which are designed to make the machine even more versatile. Once a building has been demolished, debris must be disposed of, and the site often has to be levelled or a new excavation pit has to be made afterwards. With a reach of 12m, the new three part digging boom boasts a robust construction, which enables a lifting capacity of up to 6t. By moving a bolt on the boom, the operator can choose between the two kinematic positions: the extended 'KA' compact boom, used for heavy duty demolition at heights, or the angled KA position, which enables a maximum digging depth of 5m for earth digging and foundation work. The excavator can be positioned right next to the pit when demolishing basements and foundations. Equipped with the new 1.7m³ digging bucket, the carrier is not just suitable for demolition work but also for conventional earthmoving tasks such as excavation, foundation work or loading debris onto trucks. An optional fully hydraulic quick changing system allows the equipment to be changed at the touch of a button. This applies to both the booms and the attachments. The excavator can switch between three boom variants - the two part AB17 with a reach of 17m, the three part AB23 long-front boom with a reach of 23m, and the EA12 earthmoving one. Various attachments, from demolition grabs to pulverisers, can be installed in no time to fit the specific requirements of the jobsite.

www.sennebogen.com

Rusch has created another giant of an excavator

Rusch, a Netherlands based expert in bespoke high reach demolition solutions, has created another giant of an excavator for its US customer Renascent. The American contractor specified that the new RS 7500-L excavator should be capable of reaching a work height of 52m brandishing a Genesis GXT 1550 mobile shear or its equivalent. With Renascent favouring Liebherr over other excavator brands, a Frontless Liebherr R9150 was chosen as a base carrier. The standard machine was then upgraded with a number of new features including an EW-SL undercarriage with a jacking system, a counterweight of 37t, a reinforced main body, tilting cabin with a top window with wind screen wipers and a Liebherr tool linkage. The retrofit boom comes with a sub frame and the two main luffing cylinders have several functions. The main function is being a carrier for different boom types. The retrofit boom can accommodate a knuckle, telescopic or a ripper boom. The connections to all the booms are the same and are operated hydraulically. The sub frame changes the configuration of the upperstructure/boom/cylinder to enhance stability when working at heights. Thanks to its own lifting device, the sub frame can lift up to 45t, enough to haul up the tracks onto the machine without the use of an external crane. The third function is the lifting of the counterweight with a special rod construction.

The Liebherr standard undercarriage was modified to increase the excavator's width. The Rusch engineers designed a special system to make the machine even more stable over the side than over the front. The ballast pickup system is integrated in the main frame, just behind the engine room. It is operated from the cabin and can pick up to 37t of ballast in one go. The movement of the pickup system is controlled using the retrofit boom. The knuckle boom comes in four pieces: main boom knuckle, auxiliary boom knuckle, main stick and auxiliary stick. The main boom is connected to the retrofit boom by means of hydraulically operated cylinders. Once in place, the hydraulic lines are connected to the body hydraulic line manifold via the ball valves. The main boom is mainly used to bring the tool up to the height and must always move to the maximum position of 85°. After that the operator can use the remaining three parts as a triple boom. The auxiliary boom is used both for height and radius. The sticks are used for tool connection. The main stick can take a GXT 2550R shear. For this purpose, the auxiliary stick cylinders have to be moved to the connection lugs on top of the main stick. The auxiliary stick will be equipped with a Liebherr tool link and can take a Genesis GXT 1550 to the maximum reach. A lifting lug on the under

side of the stick can lift up to 15t over the same range (without the tool attached). With all the modifications implemented, the machine weighs 300t.

www.ruschcranes.com

Develon adds four new models to the demolition range

Korea based Develon now offers a total of four specialised demolition machines with operating weights up to 71t and a reach of up to 31m. The models in the range are the DX140RDM-7, DX245DM-7, DX380DM-7 and the DX530DM-7. Meeting the Stage V emission standard, the new machines have a maximum payload capacity of up to 3t at the boom and are powered by engines with outputs up to 294kW. A cab tilt of up to 30° is available for better operator visibility. The DX140RDM-7 can be supplied with either a monolithic or interchangeable boom. The DX245DM-7, DX380DM-7 and DX530DM-7 come with an interchangeable boom, which not only increases the machines' availability but also significantly simplifies transportation. Like the three larger models, the new DX140RDM-7 22.5t machine offers multiple configurations to choose from, providing the customer with a range of solutions depending on the project to be completed. Alternatively, like the larger machines, the DX140RDM-7 is also available in a dual format utilising a modular boom design and hydraulic lock mechanism, allowing the user to change between different arms for demolition and digging using the same machine.

In the fixed 'Monolithic' version of the new DX140RDM-7, the working range allows the machine to work with a demolition attachment to a maximum height of 16m. The recommended maximum tool weight in this mode is 1,450kg. In common with the other models in the demolition excavator range, the DX140RDM-7 offers high visibility and a tiltable cab, particularly suited to high reach demolition applications and provides a 30° tilting angle. In the dual purpose version of the DX140RDM-7, the pin height and maximum tool weight are 14m and 1,450kg, respectively. The innovative design ensures it is a simple process to change between a demolition boom and an earthmoving boom to accomplish different types of work on the same project. A special stand is provided to facilitate the boom changing operation, which is based on quick change hydraulic and mechanical coupler connections. The DX140RDM-7 has a hydraulically adjustable undercarriage, which extends to a maximum width of 3.7m to provide optimum stability. The width of the undercarriage can be retracted hydraulically to 2.5m in the narrow width position, which is ideal for transporting the machine.

https://eu.develon-ce.com/en/

JCB expands 'X Series'

UK based JCB has expanded its X Series with the addition of the JCB 370X excavator - the biggest and the most powerful X Series model so far. Paul Swallow, business head Excavators, says about the new machine: "With more power, increased strength and durability, reduced fuel consumption and lower ownership costs, the JCB 370X is a major step forward for customers in the 35t to 40t class." The JCB 370X is powered by the latest Cummins L9 diesel engine, which is certified as EU Stage V and EPA Tier 4 Final compliant. According to the manufacturer, the 370X is capable of moving up to 4.5t more material per litre of fuel and up to 86t/h more than competition. A heavier counterweight contributes to added stability, while larger structures cope with the additional forces. The 370X is supplied with a 6.45m monoboom, with a choice of 2.63m, 3.23m and 4.03m dippers. Bucket pin diameter has been increased and the excavator can be fitted with a new JCB dual pin quick hitch to pick up 90mm or 100mm attachments.

Like other X-Series models, the 370X benefits from the JCB 'Command Plus' ROPS cab. The 370X delivers real time monitoring of all fluid levels on the in cab display. The excavator boasts three work modes to optimise digging, lifting or economy. 'Auto-Stop' and 'Auto-Idle' engine functions are installed as standard, to reduce fuel consumption. The 370X is available with a range of options to tailor the machine to an individual customer's requirements. These include auxiliary hydraulic circuits with up to 15 attachment settings and a premium heated and cooled operator's seat. The machine can also be offered with the JCB 2D and 3D ready 'Intelligrade' system





to enhance productivity, accuracy and safety. A bird's eye 360° camera system, integrated within the 254mm display, can also be provided, along with high visibility, all round handrails. The 370X follows the styling and design of smaller X Series excavators, with robust double skinned steel service doors and tube in tube bolt on handrails.

www.jcb.com

Laurini marks its 70th anniversary by launching 'Settanta'

Italy based Laurini Officine Meccaniche Srl. specialises in the design and manufacture of various equipment for demolition, pile driving and tunnel maintenance applications. It was established back in 1955 by Lodovico Laurini and his wife, who steered the company until 1981 when their son Marco took the helm. In 2024, in order to mark Laurini's upcoming 70th anniversary, the manufacturer decided to build a demolition specific excavator called 'Settanta' ('settanta' means 'seventy' in Italian). The idea behind the new machine was to marry Laurini's decades long experience in manufacturing with creativity. The result was a demolition excavator, which is said to boast an unparalleled weight to performance ratio. Thanks to Laurini's inhouse hydraulic quick coupling system 'HQCS', the machine can be fitted with four different interchangeable arms: a demolition arm with a height of 24.5m at the pin and a 3t tool; a triple boom arm with a height of 14m at the pin and a 6t tool for crushing and shearing operations on the ground; a telescopic arm with a height varying from 25m to 30m and a 2t tool and a lattice lifting arm with an integrated hydraulic winch. Powered by a robust five cylinder Scania DC9 engine, the Settanta features a 2.5m to 3.7m expandable undercarriage, a Danfoss hydraulic system, automatic greasing system, a tilting cab with ROPS-FOPS protection, a 3D camera and a high pressure misting system. The Settanta was premiered at the annual convention of the National Federation of Demolition Contractors last August in Rome. According to the manufacturer, pre-orders for the new excavator have exceeded every expectation, with the first deliveries slated for March 2025.

www.laurini.com

Caterpillar to launch next-generation Cat 330 'UHD' excavator

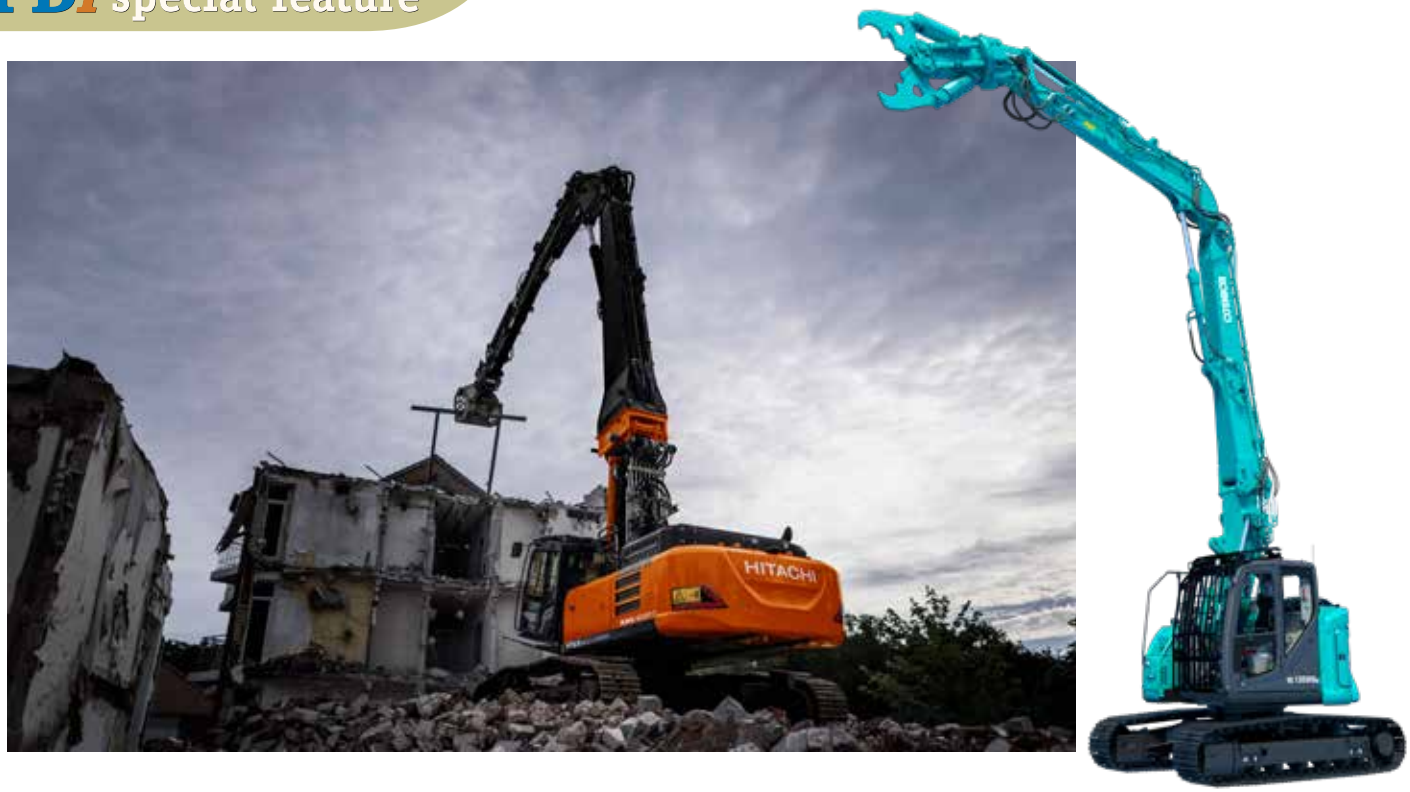
US based Caterpillar Inc. has announced the launch of the Cat 330 UHD - the next generation ultra-high reach demolition excavator designed for urban and inner city jobs. Featuring a UHD boom with a maximum pin height of up to 20m, the new machine is ideal for taking down five to six storey buildings using a 3.3t attachment. "Caterpillar has built the 330 UHD model for challenging demolition tasks," says Vincent Migeotte, Caterpillar's senior product and sales consultant. "A transport width of less than 3m permits the 330 UHD to reach the trickiest inner city worksites. The machine is easily reconfigurable, allowing users to switch between demolition and general construction applications." The operator friendly model is equipped with a stability monitoring system that helps improve jobsite safety by using a 254mm touchscreen monitor displaying the swing angle and front positions. The monitor also displays images from a standard rear and side view camera, with a surround view optionally available as well.

The TOPS rated tiltable cab is fitted with a premium quality seat, P5A glass and full operator protective guards ('OPG') to improve visibility while providing excellent operator comfort. The machine is remote control ready, which, according to Migeotte, underlines another design aspect. "As a 'Next Generation' machine, the 330 UHD benefits from a modular platform. This will allow annual product updates as necessary, if desired by operators, or if required by safety regulators." The 330 UHD is powered by a Cat C7.1 TTA 205kW diesel engine, meeting the EU Stage V emission standards. Users can choose between the two undercarriage types. The long narrow undercarriage uses the same base frame as the 330 Next Generation model. Alternatively, a hydraulic variable gauge undercarriage, similar to that used on the 340F UHD, can be requested to provide additional stability when handling large sized attachments. "We are excited about the prospects of the Cat 330 UHD as a replacement for the 325C UHD," enthuses Migeotte. "It has been over 10 years since Caterpillar offered a model in this important segment".

www.cat.com







Hitachi partners up with KTEG on demolition specific models

Hitachi Construction Machinery (Europe) NV (HCME), in partnership with Germany based KTEG, will showcase a total of six excavators designed for special applications such as demolition, dredging and below ground excavation. One of the models, the ZX250LC-7 super long front ('SLF'), is assembled at the HCME factory in Amsterdam. The machine is built specifically for dredging, loading and slope finishing work. The boom and arm design combine strength and flexibility for an extended working range of 18m. The ZX350-7 excavator with clamshell telescopic arm ('CTA') is supplied by Hitachi Construction Machinery Co., Ltd. in Japan. Boasting a 30m reach, this model is handy for removing soil from below ground. The clamshell telescopic arm offers high speed extension and retraction, which, combined with high pulling force, allows it to operate efficiently in confined spaces.

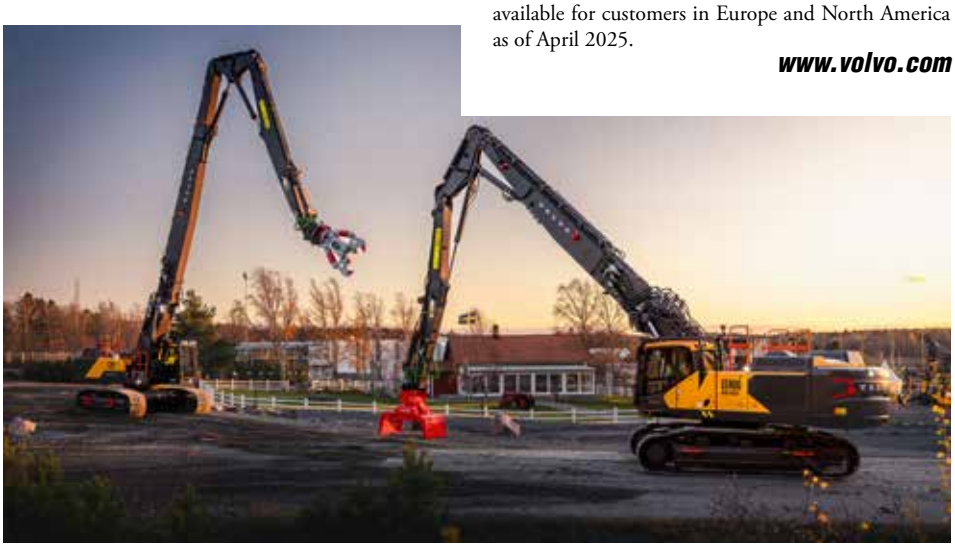
The remaining four models are produced in Germany by KTEG, a joint venture between Hitachi Construction Machinery Co., Ltd. and Kiesel Technology GmbH. The KTEG 390HR, based on a Hitachi ZX350 carrier, features a hydraulic extendable undercarriage, an additional counterweight and a tiltable cab. The 23m fixed boom takes on attachments of up to 3.5t in weight. There is also a versatile multi carrier KMC400P, which accommodates various fronts, including high reach demolition, super long front, tele dipper, classic earthmoving or even crane application fronts. The largest in the range is the 180t KMC1200S. Intended for such projects as the demolition of power plants, the excavator is capable of operating a 3t attachment at a height of 51m, a 5t tool at 44m or a 15t one at 28m.

www.hitachicm.com

Kobelco to show four brand new demolishers in Munich

Kobelco Construction Machinery Europe (KCME) will use bauma to present its latest additions to its demolition range. Available for commercial production as of April 2025, the new SK300NLC-11E excavator is engineered to tackle the most challenging demolition tasks. It is designed to offer enhanced performance and precision with its innovative straight boom design providing extended reach and optimised operation. Another new model - the SK165SRLC-7 – comes with a special protection package for improved performance in areas covered with trees and undergrowth, such as mountainous regions. An Engcon quick coupler with mounted TG42HD wood grapple provides precision during operation. The SK380SRLC-7 excavator, which is said to be combine versatility and power, features a dozer blade option for increased efficiency in earthmoving and material handling tasks. It will be commercially available in the fourth quarter 2025. Last but not least is the SK135SRLC-7 prototype, which is a demolition excavator equipped with an ultra-long boom that is said to provide exceptional reach and precision. Designed to operate in confined spaces, this compact yet powerful model is ideal for urban projects.

www.kobelco-europe.com

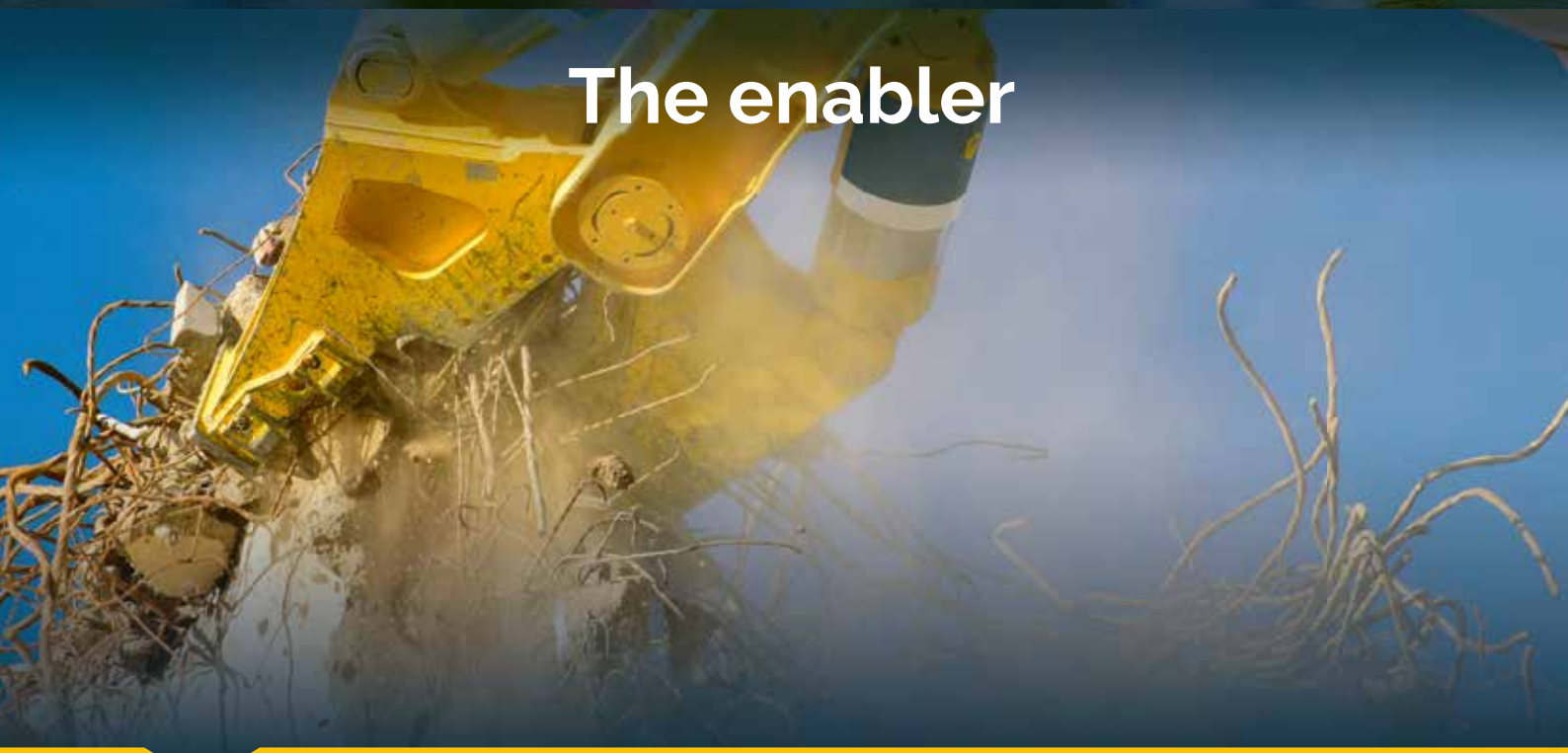


Volvo CE introduces two new high reach models

Sweden based Volvo CE has launched the new high reach EC400 and EC500 excavators. Replacing the outgoing EC380EHR and EC480EHR models, the new machines are said to boast a 15% improvement in fuel efficiency due to engine pump optimisation, better ground level access and longer service intervals. Thanks to the 'Smart View' system with an optional obstacle detection tool, the working environment is safer for the operators and other workers onsite. Other benefits include an increased working range courtesy of the extension boom. The hydraulic lines have also been optimised for demolition work by increasing the size of the X1 return line to reduce the backpressure on the attachment. The 'Demolition Assist' tool provides visual and audio alerts on working range and stability while an HD front view camera ensures high productivity and operator comfort. The purpose built cab is designed to provide optimised visibility, particularly important in high reach demolition tasks. The new excavators will be available for customers in Europe and North America as of April 2025.

www.volvo.com





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Epiroc



New 1-2t mini excavators at bauma 2025

bauma 2025 will host the world premiere of Bobcat's new 1t-2t mini excavators and the latest upgrade of the E88 mini excavator. Bobcat will also aim to demonstrate how it is bringing its new technologies to the jobsite of the future.

"The new 1t-2t mini excavator models build on the successes of the previous generation of machines with well over 34,000 units already retailed. After 3 years of development, the new models, featuring over 500 new components, will be available in the European, Middle Eastern and African (EMEA) markets later this year. A team of more than 50 engineers and designers have worked on the new designs, with over 80 customer visits to collect the scope, with ride and drive sessions with operators to validate prototypes, forming part of over 20,000h of testing and validation work," said Robert Husar, product line director for Bobcat in Europe, the Middle East and Africa.

The new generation of 1t-2t mini excavators includes the E16, E17z, E19 and E20z models. At the heart of the new excavators lies its powertrain, featuring a robust, upgraded engine seamlessly integrated with a new, high performance load sensing pump bundled with a closed centre flow sharing hydraulic system. "The brand new hydraulic system allows operators to smoothly operate multiple functions simultaneously. Even when operating attachments that demand substantial hydraulic power, such as a flail mower, operators can now seamlessly perform multiple functions simultaneously. This includes driving, slewing and lifting with smooth precision," continues Robert Husar.

Additionally at bauma, Bobcat will present innovative concepts like the 'RogueX2', an autonomous compact loader, and the S7X, said to be the world's first all-electric skid steer loader. Both the RogueX2 and S7X remain in the research and development phase.

www.bobcat.com



DIGGING BOOM AND DIGGING BUCKET FROM SENNEBOGEN

The new Sennebogen '830 Demolition Vario Tool' with digging boom and digging bucket will be presented to the public for the first time at bauma 2025 at the Sennebogen booth, outdoor area FM.712.

In recent years, the Sennebogen 830 Demolition Vario Tool has proven itself in demolition, demonstrating its flexibility and performance particularly on confined, inner city construction sites. Its compact dimensions, environmentally friendly Stage V engine technology and high load capacity with a 360° swivelling range, make it the perfect helper in difficult conditions and confined working areas. Its maximum track width of 4.5m – said to be the widest support square in this machine class – provides a secure footing and vibration free working, even on particularly heavy jobs.

Transport to the next construction site can be realised easily and cost effectively thanks to the counterweight that can be lowered at the touch of a button. For the driver, the 'Maxcab' large capacity cab with roof and front protection guard fitted as standard, and optional 'bullet proof' glass equipment, provides a high standard of safety and increased comfort. The cab can be raised by 2.80m and tilted by 30° as standard thanks to the extra torsion resistant cab elevation. Ergonomic working and a constantly optimised view of the work area are said to be ensured.

New digging boom and digging bucket

After a building has been demolished, the debris must be disposed of, and the site often has to be levelled or a new excavation pit has to be created afterwards. The new digging boom of the Sennebogen 830 E Demolition Vario Tool , the EA12 with a reach of 12m, has a robustly constructed, three part boom, which enables lifting capacities of up to 6t and can also operate particularly heavy demolition tools of larger machine classes (e.g. the Sennebogen 870 E Demolition). The machine has been designed with high levels of manoeuvrability within the working area and covers virtually every angle.

By moving a bolt on the boom, the operator can choose between two kinematic positions: firstly, the extended 'KA' compact boom, which is preferably used for heavy demolition work at height. Secondly, the angled KA position may be selected to provide a digging depth of 5m to be reached making it suitable for earthworks and foundation work. When demolishing basements and foundations, the machine can be positioned close to the pit. This not only saves space but also gives the operator a better view of the working area, even if it is at a lower level. The flexibility of the boom also makes transport easier, as the boom can be transported compactly together with the basic machine on a low loader. Equipped with the new 1.7m³ digging bucket, the machine can not only carry out demolition work but also earthmoving tasks such as excavation, foundation work or loading the accumulated debris onto trucks.

Cost and time savings

Another major plus point is that the optional fully hydraulic quick change system allows equipment to be changed at the touch of a button in just a few minutes. This applies to both the booms and the attachment. The basic machine can therefore switch between the three boom variants: the two part AB17 with a reach of 17m, the three part AB23 long-front equipment with a reach of 23m, and the EA12 earthmoving equipment, as well as other attachments, in no time at all and can be adapted to the specific requirements of the construction site. The Sennebogen 830 E Vario Tool can therefore be used easily and economically for multiple jobs on larger demolition projects without the need for an additional machine. This is not only practical, but also significantly reduces both costs and logistics for the demolition contractor.

NEW SCANRECO PRODUCTS AT BAUMA 2025

Scanreco will be exhibiting a whole host of solutions at bauma. One of these is the 'Rocket' long range transmitter. This combines the design of the 'Rocket Flex' with the G6 platform and enhanced long range capabilities, being designed for applications like vacuum suction trucks and directional drilling. Its key features include versatility in environments with signal obstacles, safety and security with compliance to EN ISO 13849-1 cat. 3, PL d, a battery consumption control combined with an ergonomic, shock-proof, and water resistant design.

Other exhibits include Scanreco's 'Proximity Detection System' which provides operational awareness for operators working with hazardous machines like stump grinders and trench rollers. The proximity detection system measures the distance between the transmitter and the receiver, ensuring that the operator always stays within a set safe zone. Scanreco also has a wide range of advanced displays to elevate operator performance with feedback and visibility. The company has added more to its range with optically bonded shock proof glass for durability and anti-reflection, also being compatible with Mini G2/G3, Maxi G2/G3, and Mini G6. There will also be shown at bauma the company's new displays for micro transmitters along with several other display options for transmitter models.

Additional featured products

Scanreco's camera solution is designed to provide a reliable and efficient way to monitor operations. This system provides clear visibility even in challenging conditions, enhancing operational safety and productivity. It delivers imaging in various lighting conditions, has wireless connectivity for easy installation and stable connections as well as low latency for real time applications. The new 'ruggedized' charger being exhibited is designed for high vibration environments where access to the electric grid is limited. It is designed to ensure that operations continue smoothly without interruptions, whilst the infrared (IR) solution contributes to operator safety and efficiency in self-propelled applications such as trench rollers and compactors. The IR solution enables a line of sight detection possibility ensuring that the operator always is observing the machine operation. If there is no visual contact, the machine stops.

Last but not least, the new carry belt has been developed to enable operators to wear the transmitter at waist height, freeing both hands for tasks. Developed in collaboration with functional wear designers, this belt has emerged from extensive field studies and is aimed at optimising operators' ability to move freely by providing accessories along with high tech HMI focused platforms. Its key features include a new buckle for quick and easy dressing/undressing, a sturdy lower back support made of breathable material, a strong and adjustable belt, adapted belt loops to hold tools and utensils for easy access during operations, a folding front plate to support the belly pack's weight while allowing freedom of movement. It is of a non-bulky design making it to easily slip into small storage areas.







POWERFUL DRY AND WET TOOLS FROM AGP

AGP dry and wet tools provide operators with the option to work dry for operations that are traditionally performed wet. This can offer huge time savings as dry operations are easier to both set up and clean up. Dry operations also make working in finished spaces a lot less messy and disruptive. This is not to mention how much simpler it is to work in winter temperatures without having to worry about water. AGP believe this new convenience is a game changer.

The all new AGP SCS8 200mm dry and wet stone saw is a perfect example. It is still fully equipped for wet sawing if desired, with integrated water feed, but it incorporates a highly effective vacuum port for use with a vacuum cleaner. The SCS8 is designed to perform bevel cuts and includes highly accurate depth control and parallel guide. When used with the optional guide rail, it can perform many types of cuts in stone and tile and its electronic controls include a very useful LED load indicator for maximum work efficiency.

The DDC12 350mm dry and wet diamond coring motor is an important upgrade to AGP's rig mounted coring series. This unit is distinguished by its ability to drill dry in reinforced concrete up to Ø 350mm. This is accomplished with its special gearbox design which incorporates a high frequency soft impact mechanism. This according to AGP, delivers the best performance with the new dry diamond core bits for RC which even speeds up wet drilling as well. The DDC12 maintains all of its wet drilling functionality while adding the important new capability of dry drilling.

The AGP dry and wet tools are designed to be a powerful solution leading to faster, cleaner, and simpler operation, for more efficient and professional results, even in difficult situations.

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PASSION FOR INNOVATION

Numerous new solutions, models, and concepts will be unveiled at bauma 2025 by the Bologna based company, thereby displaying its commitment to innovation, the expansion of the product range and the strengthening of existing offerings.

At bauma 2025, the new version of 'ART 1000', the patented technology developed by Simex for regeneration of deteriorated asphalt, will be presented in its latest 'GEN II' version. It does not require the removal of milled material or the addition of virgin bituminous mix, instead it uses only the existing onsite material. Most importantly, it avoids the complete interruption of vehicular traffic, ensuring the road is immediately passable after restoration. During the milling phase, the equipment uses an eco-friendly chemical rejuvenator to cold recycle the bituminous aggregate produced. It consists of two drums, the first for milling and mixing, and the second for crushing and disintegration.

Onboard technology and regeneration control

In the past year, Simex has enhanced the onboard electronics of the Art 1000 to better meet the daily needs of road construction sites. The onboard electronics have been further developed with the addition of a new video interface to improve connectivity between the operator and the technology. This interface displays real time values such as linear meters (progress), litres per meter (additive dosage), and actual litres (additive consumption). It is possible to manually set a precise amount of rejuvenator (with a sensitivity of 0.1l/min) according to the manufacturer's specifications and the site's environmental conditions. The software calibrates and adjusts the rejuvenator dosage according to the change in the carrier's speed, based on parameters entered by the operator at the start of the job. The control display is paired with an LED indicator installed above the equipment in an ergonomic position, making it easy for the operator to monitor and ensure the correct speed for effective material mixing.

New cutting discs

Since 1995, when Simex launched its first wheel saw, the company has created equipment for trenching of various widths and depths. Specifically, Simex has focused its efforts and investment on mini and micro trenching, particularly for the installation of fibre optic networks. Today, Simex offers 15 models of wheel saws specifically designed for narrow trenching applications. These machines are divided into three product ranges: 'RW' and 'T' for mini and midi loaders, and the 'RWE' line for excavators of different sizes.

For micro trenching cutting applications, the most widely used solution has traditionally been rotating conical carbide tipped tools which have shown limits in micro excavation or cutting applications. To overcome this limitation, Simex has introduced a special tool where the tungsten carbide is externally coated with a sintered polycrystalline diamond ('PCD') deposit. The hardness provided by the diamond surface significantly extends the tool's lifespan during excavation applications, allowing for longer work distances without the need for frequent maintenance.

PCD tool inserts are brazed onto the base disc, with Simex introducing a sector (segment) variant that improves serviceability, enabling operators to regenerate these segments and avoid disc replacement. The new tools are compatible with all compact wheel saws, specifically designed for micro trenching applications in fibre optic network installations for final connections to buildings where compact machinery is required. These models include RW 150, 300, and 350, designed for mounting on mini and midi excavators (1.5t to 10t) as well as for use on mini loaders with the addition of a lateral translator. The smallest model, RW 150, in the boom version, is called RWE 15, and ensures small section cuts and excavations on hard and compact surfaces such as asphalt and concrete.

A new line of drum cutters for narrow trench excavation

In the past year, Simex has further expanded its already wide range of drum cutters by refining existing models and addressing the more complex working situations to meet the demands of an ever evolving market. The double drum cutter heads have seen both an expansion of the range with the addition of the 'TF' 2500 for excavators from 40t to 55t, and a revision of the TF 600 and TF 400 models, which have been updated to the TF 650 and TF 450. Additionally, Simex will launch a new drum cutter model with a new design and reduced distance between the drums at bauma, the 'TFN'.

Continuous cutting

Also being shown will be the 'TF' range for excavators in the 1.2t to 12t category. This system features a double drum with a central chain that provides a continuous cutting profile without interruption in the middle between the drums. The recently introduced 'TFU' models combine drum cutter technology with wheel saws for excavator arms, creating equipment that can be configured according to customer needs. The universal drum cutters can be equipped with either a drum cutter or a cutting disc. In the first configuration, the machine is ideal for scarifying and profiling hard, compact surfaces such as asphalt and concrete. In the second configuration, the wheel saw model can perform small excavations, cuts, and trenches with widths ranging from 30mm to 200mm, for working depths up to 450mm.

A new approach to screening

Simex has expanded it screening portfolio with the launch of a new range of 'VSE' screening buckets for excavators, designed for light applications. This new product allows screening, reducing, cleaning, and aerating in a single pass organic waste and soil, accelerating the composting process, and producing a screened material of the ideal size for restoring green areas and subsequent planting. The minimal waste produced significantly reduces the costs of disposal at specialised centres. For use with its VSE screeners, Simex will exhibit its patented 'FIT' tool system where each disc or blade attaches to the central element and the shaft without any welding. The replacement process does not require disassembling the shafts as each element is individually replaceable in just a few minutes, directly onsite.

The new products will be revealed on the first day of the bauma fair on 7 April. Simex will be located in Hall C5, Stand 325.



NDA's 'Demolition New Orleans'

CELEBRATES INDUSTRY INNOVATIONS AND IDEAS

Held at the New Orleans Ernest N. Morial Convention Center, the National Demolition Association 51st annual convention and expo (5 to 8 March) attracted more than 1,300 attendees from across the U.S. for industry themed education, demonstrations, and networking.

While early arrivals took part in NDA meetings and certification training sessions, Demolition New Orleans truly got underway on the Thursday with the always popular 'Live DEMOlition' event, held at a local sports park. This showcased operating machinery from more than 20 manufacturers, headlined by prime sponsor Liebherr's R 938, R 934, and R 945 crawler excavators, and LH 22 M material handler. Other equipment included Kobelco's SK350DLC-11 demolition and SK260DLC-11 scrap machines; Sennebogen's 835E 'Vario Tool' and 830E demolition machine; LaBounty's MSD1500R mobile shear; and Komatsu's PC 490 and 360 large excavators paired with Montabert products. The latter included the HCM650 and HCM800 multiprocessors, HCG32-1200 grapple, and HTL V6 hammer.

MB featured its BF120.4 bucket crusher and G1200 S4 sorting grapple, while Steelwrist's SQ70 quick coupler made easy transitions between an NPK GHD10 hammer and Genesis GCP 410 concrete processor. Brokk's remote controlled demolition robots were complemented with the new collection of complementary Firstgreen and Ecovolve products now being distributed by the company's North American arm, while HKD Blue displayed its 400 GT and JM40 dust suppression units. One of the more unique demolition technologies was demonstrated by Petram, developers of a high power electrical pulse rock breaking system. Originally created to support lunar exploration, the company says that its technology all but eliminates noise, dust, and vibration at half the cost of traditional rock breaking methods.

Live DEMOlition also featured a challenge to test operators' skill and knowledge using a Liebherr R 938 crawler excavator, Epiroc HB 2500 hydraulic breaker and CC3100 U concrete cutter, AMI bucket attachment, and OilQuick OQ80 automatic quick coupler. Nearly 30 contestants raced the clock to deftly demonstrate hydraulic hammer precision and proper quick


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coupler operation, complete five open/close cycles on materials, and have a bit of fun by using the machines to attempt basketball shots. Lance Matheson of Sage Demolition of Layton, Utah, won the event in a time of just over two minutes.

Sights and sounds

Opportunities for more in-depth discussions about demolition oriented products and services were available at the Expo Hall, which featured 94 exhibitors, including PDa and PDi magazines. Taking centre stage was Volvo's debut of a straight boom option for its 1.8t EC 18 battery electric compact excavator. Available this coming summer, the straight boom option offers a 396cm working height, with bucket, and can be equipped with a range of attachments weighing up to 204kg. Other familiar names around the exhibit hall not already mentioned included DRKhorse, Laurini, Caterpillar, Mecalac, Kinshofer, Sandvik, Okada America and UB Equipment.

The consensus among manufacturers regarding the outlook for the U.S. demolition market was generally positive, albeit overshadowed by uncertainty over the economic impact of tariffs being levied on both commodities and specialised parts. "There is a sense of concern over what will happen over the next six months," incoming NDA president Ben Hayden, vice president of Hayden Wrecking Corp., Washington Park, Ill. commented. He added that NDA's recently completed strategic plan - focused on safety, workforce, and membership - will help the industry whatever unfolds.

Tariffs were also the topic of one of several educational sessions held in the Expo Hall, with Jim Graham, executive vice president of Winter Environmental, Inc., Atlanta, warning that nobody at this point can say with confidence what will happen until the tariffs are in place and markets react. "It goes back to the supply/demand dynamic we learned about in high school," he said, referring to the tariffs' potential effects on new and scrap metal. He added that while new costs may be priced into the materials for consumers, sustaining those levels depend on domestic productivity capacity and ability to absorb it.

Another education session covered how cutting edge technologies will transform the demolition industry. Many are already finding wide use, from data gathering systems and project management software to built-in real time diagnostics to help coach new operators on the job. Alex Berg, founder and CEO of electric vehicle provider Cratos noted that while many interesting approaches are being talked about, the challenge is implementing them, and even then, it takes time for infrastructure to catch up.

The problems organisations face with change and how to overcome was discussed. One audience member described how his firm's supervisors were more than just a little reluctant to adopt tablets for managing jobsites. After a training and orientation period he described as 'a tough two weeks', however, the supervisors were won over. Technology is but one facet that Ben Hayden says helps set demolition apart from other construction related segments. "Our contractors can be more creative in what they do." Rather than having to build projects to certain specifications, he explained, each project challenges them to figure out the safest and most efficient way to handle a specific project.

Breaks from the action

Throughout the extended weekend, NDA ensured that there was plenty of New Orleans hospitality, including mini golf, go karting, and cornhole tournaments that doubled as fundraisers for NDA scholarships, to the Friday night 'Big Easy Bash' at the Crescent City Brewing, (co-sponsored by ShearCore, OilQuick Americas, and Sennebogen). Attendees were also inspired by breakfast keynote speaker Derek Gaunt, a former police officer who now applies his skills as a hostage negotiator to help others foster better communication and understanding, particularly in crisis situations.

Next year's NDA convention and expo is scheduled for Phoenix in early February, sandwiched between the triennial Las Vegas doubleheader of World of Concrete and Conexpo/ConAgg, which could potentially present a bit of a scheduling challenge for both exhibitors and attendees. The organisers however are confident of attracting participants.

CUSTOMISED SOLUTIONS

At this year's bauma, Goldhofer Aktiengesellschaft will again be showcasing groundbreaking innovations at its Stand FN.819 in the Outdoor Area North.

Goldhofer will feature a whole host of highlights at bauma. The focus will be on a 'PST/SL-E split' self-propelled modular transporter with hydraulic widening. With an axle load of 45t and variable width of 3,000mm to 5,100mm, the 'split' with hydraulic widening provides a solution for transporting bulky loads. The vehicle's tractive power provides efficient performance. With high levels of flexibility provided by the widening system, it is designed to provide the ideal workhorse for transporting industrial loads.

The 'PST/SL-E split' is a heavy duty modular transporter being designed for flexibility and performance. Jean-Philippe Martin, director of international business sales explains: "The PST/SL-E split is a real game changer. The drive axle lines allow us to reduce the total number of axle lines required and increase transport performance at the same time. The result is lower fuel consumption and greater efficiency. The vehicle's widening system and hydraulic support circuits provide enhanced rollover stability, which is particularly invaluable when transporting challenging loads."

The combination on show will be powered by Goldhofer's brand new 'E-PowerPack'. "For the development of our E-PowerPack, we took full advantage of synergies with our Airport Technology division. Our years of experience and expertise in the field of all electric aircraft tow tractors, some of which can move well over 300t, delivered valuable know how. As a result, we will be able to present a technically mature product at bauma, which meets the high expectations of our customers," says Robert Steinhauser, VP sales and service.

'Cargoplus' with low loading height

The 'Arcus P5' with Cargoplus tyres will be a further highlight. It is said to have an impressive payload and the lowest loading height on the market. With a loading height of just 735mm and a suspension stroke of 500mm, the 'Arcus' is designed to make loading a safe and easy process. Thanks to a combination of forced and friction steered axles, the Arcus provides optimised steering and cornering, resulting in low tyre wear at any ride height.

Dennis Leschensky, director sales Europe / North Africa, describes the Arcus as a milestone in heavy duty logistics: "With its low loading height and high manoeuvrability, the Arcus P sets new standards for the industry. Customers benefit from an enormous payload and low tyre wear, making it an indispensable partner in daily transport operations."

Goldhofer and TECO

Goldhofer's product demonstrations will also include an application for industrial customers in cooperation with TECO GmbH. Mounted on the Arcus P5 will be TECO's HS 850 heavy duty crane. With its hybrid drive system, the crane can be operated purely electrically or in combination with an external power supply and power pack. It comes with remote control for precise operation of all functions, and load torque monitoring for maximum safety.

"Our HS 850 is a real allrounder," says Michael Haid, TECO's managing director. "It can be mounted on any chassis or transporter and quickly moved to the required location for immediate operation. This saves time and money. In terms of competence, TECO and Goldhofer are a perfect match. Our partnership enables us to offer customers even greater flexibility and efficiency. For transportation, we place the crane on a multi-axle low loader." For off road applications and working in confined spaces such as factories and tunnels, the HS 850 can also be mounted on Goldhofer's self-propelled heavy duty modules, which offer manoeuvrability thanks to a steering angle of ±135° and a suspension stroke of 600mm.

Leader in the field of wind power

The Goldhofer RA 3-100 (4+7) on show at bauma provides a solution for the safe and efficient transportation of tower sections for the wind power industry. With a maximum payload of 100t and an stroke of 2,000mm, the RA 3-100 is designed for outstanding performance and flexibility. A chassis width of 2,950mm provides excellent lateral stability for safety on the move. For even safer and faster loading, Goldhofer uses a four point pick up system with easy relocation of the clamping units. Dennis Leschensky says: "With the RA 3-100, we are setting a new benchmark in tower transportation. Our customers benefit from a high level of manoeuvrability and an uncomplicated system design that makes tower section transport safe and efficient."

A digital transport planning revolution with Goldhofer

Goldhofer also aims to set new standards in the field of digital transport planning. Thanks to cooperation with the makers of the online software HeavyGoods.net, the planning of heavy duty transports with Goldhofer vehicles will become easier and more economical. As of bauma 2025, 'easyLOAD' will be replaced by the 'HeavyGoods' app. This software runs in any standard web browser and, with its intuitive operation and advanced algorithms, facilitates fast and precise transport planning. The app calculates axle loads, bending moments, rollover stability, overload limits, cargo lashing and swept paths, and is able to integrate data from 3D drone images. At bauma, the HeavyGoods team will be presenting the new software at the Goldhofer stand (FN.819), and visitors can test it themselves and try out all the new functions.

A contribution to construction site logistics

Finally, Goldhofer's 'Starline' and 'Trailstar' for a wide range of transport requirements will also be on show at bauma. "With the Stepstar and Cargoplus tyres for a low ride height of 790 mm and an axle load of 10t, our customers benefit from a vehicle that saves time and money thanks to faster mobilisation and reduced detour distances," says Robert Steinhauser. "With a design focus on durability and low maintenance, and the use of quality components from BPW and Neumeister, the vehicle also has a high resale value. Our vehicles are designed to ensure that they meet our customers' requirements while guaranteeing maximum efficiency and safety."



Stepstar with Cargoplus tyres.



PST/SL-E split with hydraulic widening and Goldhofer's brand new E-PowerPack.



TYROLIT PRESENTS THE NEW WSE912 WALL SAWING SYSTEM

The WSE912 is the new powerful and compact wall saw from Tyrolit. Equipped with innovative 'OmniGrid' technology for a flexible power supply and with refined components and accessories, it is said to be a must have for professional concrete cutters.

Just in time for bauma, Tyrolit presents its new, powerful WSE912 compact wall saw. With freely detachable saw blades with diameters of up to 700mm, and with 925mm as a maximum diameter, it can be used for a wide range of cutting jobs, particularly in tight spaces, such as balconies. It comes with a modular design and components that are easy to mount and separate, which makes the new WSE912 a service friendly and easy to maintain system. It is so designed that even in the event of a phase failure, the integrated, innovative OmniGrid technology makes sure the cutting process can be completed.

Compact wall sawing

The components of the new WSE912 wall sawing system are designed for user friendliness. It also has a compact saw head and has an integrated drive motor and a water cooled swivel arm. Thanks to 'P2' technology, it is said to deliver maximum performance and reliability. With the appropriate equipment, it even enables dry cutting. The futuristic design of the WSE912's all-in-one blade guard also ensure maximum stability, whilst the smooth inner surface significantly reduces dirt adhesion, which also makes cleaning much easier. The blade guard is height adjustable up to 40mm, has openings for a visual depth scale and a flush cutting function, and can be mounted without tools.

The WSE912 was developed with a strong focus on the user and on efficient working being evident in the new PPE12RR electrical control unit. Its robust, full metal housing provides maximised operational safety and protection against vibrations to sensitive components. It is designed for modular use and can also be used for ring sawing. Moreover, it is equipped with an integrated 'MoveSmart' module. The matching remote control is said to impress with intuitive handling and an excellent battery life.



The wall sawing system is rounded off by practical accessories such as an equally compact and versatile transport trolley and an ultra-light rail system. In addition, Tyrolit offers a range of matching diamond saw blades in TGD technology, which are designed to get maximum cutting performance out of the new wall sawing system.

Reliable power supply thanks to OmniGrid technology

The major highlight of the PPE12RR electrical control unit, however, is the integrated OmniGrid. With this, concrete cutting work can be completed even when power supply is unreliable, such as in the event of a phase failure, excessively low supply voltages or other faults. With OmniGrid, it is even possible to work with long cables and, thus, large distances from the power supply to still get the job done.



LOW MAINTENANCE, EXHAUST FREE AND POWERFUL

Hilti has introduced two innovative new generation Nuron Battery Cut Off Saws: the DSH 700-22 ATC and the DSH 600-22 ATC. The battery powered cut off saws are designed to offer the same performance as petrol powered cut off saws, but with less maintenance and emission free operation. When used with the optimised cutting discs and the battery powered DWP 15-22 water feeder, the Nuron cordless cut off machine is said to provide a cutting performance that is on a par with petrol powered machines in the same performance class.

New safety features such as kickback protection and drop control, integrated in the '3D Active Torque Control', as well as a digital safety switch offer additional protection. The two models differ in the positioning of the handle. The DSH 600-22 ATC has a top mounted handle for working in confined spaces, while the DSH 700-22 ATC has a rear handle for applications close to the ground. They share the advantages of the battery powered motor and the new safety functions.

Both devices are equipped with a brushless electric motor powered by two Nuron B22-290 batteries. This configuration makes it possible to cut just as much concrete as a petrol powered cut off saw in the same power class. The optimised pull through provides even power distribution. The brushless motor requires less maintenance than a two stroke motor and there is no need to change wear parts. Noise reduced, low vibration and exhaust free operation enables longer and gentler applications, even indoors. The cutting performance is comparable to petrol powered devices, especially when using the optimised cutting discs. Precise cuts are possible with the 'SPX Universal A' diamond cutting blades, and the patented drive arm enables a cutting depth of 120mm. The supply of water, e.g. with the DWP 15-22, significantly increases the cutting performance per battery. In addition, the simple start switch is designed to increase productivity thanks to immediate readiness for use.

The DSH 700-22 ATC and DSH 600-22 ATC are also characterised by new safety features. The 3D Active Torque Control (ATC) recognises kickbacks and a drop of the device and stops the saw blade in less than a second. A digital safety switch prevents unintentional switching on and ensures an uninterrupted workflow. The cordless cut off machines are said to increase flexibility, improve safety and working conditions and reduce operating costs.

The battery powered version can also have a positive impact on the CO2 balance in the long term, due to the lower CO2 emissions of 4.26 kg CO2 p/h of use. After just 33h of use, the DSH 600-22 offsets the initially higher CO2 footprint when purchasing batteries and chargers. From this point onwards, Hilti states that users save CO2 for every additional hour of use. For example, the battery powered DSH 600-22 saves over 1t of CO2 per year compared to the petrol powered DSH 600-X when used for 6h a week. In addition, the Nuron batteries and chargers can also be used for all other Nuron battery powered devices, which also offers potential CO2 savings. The user is said to experience a further increase in efficiency thanks to the durable and powerful cutting blades.

The first Nuron Cordless Diamond Drill DD 150-U-22

The battery powered diamond drill DD 150-U-22 from Hilti is designed to provide numerous advantages that make it an indispensable tool for professionals. Thanks to its cordless flexibility, it enables wet and dry drilling without the hassle of cables, both handheld and drill rig based. With its dedicated electronic 24 speed gearbox, it optimally adjusts the speed to the drill diameter, thereby achieving high performance.

The intuitive operation of the tool has been developed to significantly facilitate work. A display helps to maintain the optimum contact pressure and drill speed, maximising the lifespan of the drill bit and the tool. Features such as the rebar boost further increase productivity by improving drilling speed in rebar or the extractor oscillation function, which is said to eliminate time consuming manual core removal.

Safety is a top priority and the adaptive 'Active Torque Control' (ATC) prevents uncontrolled rotation of the tool when the core bit jams, thus increasing workplace safety. A fast acting brake brings the drill bit to a standstill in less than two seconds. Integrated connections for dust and water management ensure clean working conditions by effectively controlling dust and wastewater.

Additionally, the compact design of the DD 150-U-22 requires less space and makes transportation easier. The tool is also compatible with the 'Nuron' battery system, allowing for easy integration into existing equipment fleets. Overall, the Nuron cordless core drill DD 150-U-22 is said to deliver a combination of performance, flexibility, safety, and user friendliness, making it an excellent choice for a wide range of applications.











EURODIMA INTRODUCES 'REVO DRILL 350' AND 'REVO STAND 400'

In the world of professional concrete drilling, efficiency, reliability, and innovative technology are key. With its new Revo drill 350 (ERD350) core drilling motor and the matching Revo Stand 400 (ERS400) drill stand, Eurodima aims to set new industry standards. Both systems have been designed for the toughest job site conditions and offer numerous practical advantages that significantly simplify the user's work.

Tool free clamping system: faster, safer, better

One of the standout features of the ERD350 is its tool free clamping system for drill bits with the standard 31.75mm connection. Thanks to the innovative external hex drive, drill bit clamping on the drive shaft is said to be a thing of the past. Changing bits is now said to be faster than ever at the push of a button, saving valuable time onsite.

The perfect match

The Revo Stand 400 has been developed as the ideal counterpart to the ERD350, being a drill stand that also operates tool free. It enables quick and precise alignment while offering maximised stability. Its robust yet lightweight design and ergonomic handling make it the ideal choice for demanding core drilling tasks.

Maximised power

Thanks to innovative permanent magnet motor technology, the ERD350 is said to deliver outstanding power density while running on 230V standard power. It is said by the company to outperform conventional motors and is designed to ensure consistent performance even in the most demanding applications. Users are said to also benefit from faster drilling progress and exceptional reliability. Additionally, the Revo Drill 350 is designed for long term use, with minimised maintenance needs due to an innovative water seal and the removal of a slip clutch. This results in less downtime and an extended service life.

Full control in every situation

With its integrated work and status light and drilling centre indicator, the integrated LED work light provides optimal visibility and acts as a smart status indicator. At a glance, operators receive crucial information about the machine's operating condition and overload protection providing a real advantage in terms of safety and user convenience. Additionally, a laser drilling centre indicator can be activated at the push of a button.

Everything at a glance thanks to 'Smart App' connectivity

With the dedicated app, users can monitor real time operating data and an integrated logbook automatically records operating hours and usage history. The system provides maintenance reminders and displays service information to minimise downtime. Additionally, an anti-theft function enhances security. This digital connectivity provides maximum transparency and significantly simplifies maintenance.

With the Revo Drill 350 and Revo Stand 400, Eurodima aims to presents a well thought out solution for professional core drilling applications. The combination of tool free operation, high performance, smart control, and maintenance free technology is designed to make it the choice for professionals moving forward. The company says that those who value quality and efficiency cannot afford to miss this revolution.

Bauma booth numbers: Indoor: Hall A1, Booth 402, Outdoor: Yard A12, Booth A12.2



CONJET CONTINUED COMMITMENT TO NORTH AMERICA CUSTOMERS

Conjet AB demonstrated its strong commitment to the North American market with the establishment of its regional headquarters in Charlotte, North Carolina. Since 2021, this facility has been a vital resource for Conjet's customers, offering comprehensive support, training, and spare parts availability across the region.

Strategic location

Conjet's North American headquarters is situated at the CLT Logistics Park, less than 10 minutes from Charlotte Douglas International Airport. With Charlotte's airport ranking No. 4 nationally in direct domestic flights, Conjet's customers can easily travel to the facility for demonstrations, training, and consultations, all within a single day's trip. Andy Anderson, national accounts manager, emphasised the importance of accessibility: "Since our headquarters is located less than 10 minutes from the CLT airport, most of our customers and industry stakeholders can fly in for demos and training, gain valuable insights, and still return home the same day. We are extremely excited to offer this level of convenience and accessibility to the market."

Comprehensive services and facilities

The Charlotte headquarters is designed to enhance customer success and drive industry growth by providing a full suite of services tailored to the needs of hydrodemolition professionals. Key features include spare parts, training and demonstrations, service and maintenance, sales and support, all aimed at driving Conjet's market growth. Conjet's physical presence in North America aligns with its long term vision of promoting hydrodemolition as the preferred method for concrete removal and surface preparation.

The Charlotte facility not only supports existing customers but also serves as an educational hub, showcasing the advantages of hydrodemolition technology to a broader audience. Andy Antle, Conjet's operations manager for North America, highlighted the company's goals: "The Charlotte headquarters is a significant milestone as we continue to provide top tier support to our customers and advance the hydrodemolition market. Our facility enables us to meet with customers face to face, offer educational opportunities, and enhance our level of service."

Driving industry engagement

Recent activities at the Charlotte headquarters included 'Conjet University' and 'Conjet Demo Day', events that brought together industry stakeholders for live equipment demonstrations and hands on training in 'ACR' techniques. These events provided a unique opportunity for professionals to experience the benefits of hydrodemolition firsthand and engage with the Conjet team. "One of the questions we always get is, where can I see a hydrodemolition robot in action?" Hosting a live demonstration at our Charlotte HQ early in the year, before the start of major construction season, allows interested prospects and engineering groups the ability to see hydrodemolition robots and pumps in a safe and controlled environment. We also provide an in-depth presentation to really point out the key benefits of hydrodemolition for concrete repairs," says Tim Best, North America customer success manager.

Conjet welcomes customers and partners to visit the Charlotte facility at any time. With a dedicated North American team, including Andy Anderson, Andy Antle, and Tim Best, Conjet is fully committed to supporting the region's hydrodemolition needs now and in the future.



Conjet launches 'Rotating Head'

Conjet has introduced its Rotating Head, a new product designed to enhance efficiency and precision in light hydrodemolition and scarifying. It is designed to provide increased flexibility and improved concrete removal, especially in applications where a traditional oscillating lance is not optimal.

The new Rotating Head technology features a rotating lance with a combination of an optimised attack angle and a whisk angle. This dual angle design optimises the result as it combines precision and power to create an even surface while reducing shadowing under rebar, thereby eliminating so-called 'pipe-holes'. The design and functionality were developed with total efficiency in mind, as Conjet believes this approach is crucial for ensuring customer profitability and satisfaction. The product can be used with Conjet's 557 Robot and is part of the company's standard offering.

Market and applications

Rotating Head can be used in a wide range of applications across various markets. It will also fit into markets with regulatory requirements for rotating lances, such as Japan and North America. By providing a solution for hydrodemolition and scarifying, it meets the demands of customers seeking a reliable, robust, and user friendly product. "With Rotating Head, our customers can work more efficiently and achieve better results in light hydrodemolition and scarifying. The product offers a unique combination of precision and power while being easy to use and integrate into existing systems," says Tomas Ek, lead engineer, Conjet.

Other features of Rotating Head include dual angle technology which combines a combination of whisk angle and attack angle to aid efficient demolition with a smoother surface and reduced pitting. It also has an integrated flow stabiliser so that the water jet creates a solid core that delivers the highest efficiency possible. Conjet's ceramic nozzle is also fitted which lasts up to 300h. The design of the Rotating Head is patent pending, which Conjet states reinforces its innovative edge in hydrodemolition.

Quick change

Rotating Head is designed as a quick change solution, allowing operators to easily switch between different tools, such as an oscillating cradle and a rotating cradle. This provides greater flexibility and improved work efficiency.

Rotating Head was initially presented at World of Concrete 2025 and will also be showcased at the bauma 2025. Conjet will be located at Booth A1.338. It is already now available for order.

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DeeTec
Technology at Work

Husqvarna offers advice on retipping diamond tools



In core drilling applications, the diamond segments attached to the drilling tubes naturally experience wear and occasional breakage from extended use. Instinct may be to simply purchase new replacement diamond tools, but before doing so, Husqvarna recommends considering retipping. Retipping is a specialised process that involves rejuvenating worn or broken diamond segments, extending the life of drilling equipment. This approach not only promotes cost efficiency but also reduces waste.

In a process that takes place at a Husqvarna service centre, the old segments are removed and new segments are then brazed onto the old core of the tube, extending the product's life. Although retipping demands a high level of skill from the technician, it's straightforward and requires no special or time consuming steps. By opting for retipping, the lifespan of existing diamond tools is extended. This practice not only proves economical but also underscores a commitment to environmental responsibility. Furthermore, this method maintains the performance quality of the original diamond tool, ensuring continued efficiency and reliability in core drilling operations.

On average, a drill tube can be reused about four to five times. Considering that just the worn out segments and a few additional millimetres of the tip will be removed during each iteration of retipping, the potential amount of steel saved due to the recurring remanufacturing process can result in a huge decrease in overall material consumption. "Environmental demands within construction are constantly getting tougher, so every step an operator or contractor can take to reduce waste or material use can be meaningful. We see retipping as an already existing and accessible way to take such steps," says Gjergj Guri, Husqvarna's senior vice president Aftermarket & Services.

Retipping is another expression of Husqvarna's commitment to offering solutions that support customers' business. This can be in the form of diamond tools or consumables or, in this case, a service that allows customers to get more from what they already have. "On average, retipping is generally around 25% cheaper than purchasing a new tool, depending on the specifications and market. A larger drill tube typically has a greater savings potential compared to a smaller tube. If you multiply the savings potential across numerous diamond tools, it's clear that there's money to be saved. But while financial gain is a great motivator for our customers, the fact that it can be achieved without any performance or quality drop while also providing a significant reduction in wasted high quality materials, makes retipping even more attractive. If you're a contractor or operator using diamond tools, we highly recommend contacting a Husqvarna service centre to find out more about our retipping service and what it could do for your business," concludes Gjergj Guri.

Retipping is available in several markets. Please visit your local website to find out if your local Husqvarna service centre is offering the service.



HUSQVARNA INTRODUCES NEW 'PRIME'

The Prime is a complete range of electric tools for drilling and cutting concrete.

The Prime range is designed to meet today's high demands and productivity needs. With a wide selection of power cutters, a new wall saw system and drill motor, precision drilling is said to be easier than ever. "This new Prime system sets the bar for high performing electric drilling and cutting equipment. Its versatility and modularity ensure you can get the job done, no matter the challenge," says Mattias Holmdahl, senior manager product and service management.

Part of the system is the WS 8, an entirely new wall saw system for applications where precision and performance are critical. The wall saw is easy to move with a specially designed trolley, and the wireless control provides safe and comfortable operation. The updated remote unit is waterproof and shockproof and has a long battery life. It has a modern, user friendly interface that fulfils all relevant certification and regulatory requirements.

The new PP 8 power pack is specially designed for use with the new wall saw, though it can also run all Prime equipment. An improved remote control unit and heavy duty connection that handles both three and single phase power deliver steady operation, while the user friendly interface and automatic setup reduce complexity. The power pack is water cooled and features the new 'X-Halt' blade brake feature.

All the K 7000 cutters include the new X-Halt blade brake feature when connected to the PP 8 or updated PP 70 power pack. X-Halt is designed to stop the rotation of the blade in a fraction of a second if abnormal blade speed is detected. The new K 7000 chain 'Flushcut' allows for cutting flush to walls, floors or the ceiling, ensuring a smooth surface in door openings. It features the same proven electrical components from the K 7000 'Standard', but with the redesigned motor plate, chain tensioner and chain cover, it's possible to cut flush to a flat surface. The new Prime range is said to be able to drill up to 600mm deep for applications like water drains, ventilation or plumbing; cut openings for windows or doors up to 455mm deep and plunge cut square openings as tiny as 120mm x 120mm.

"The new Prime system is a great solution for all professional concrete cutters. A modular system featuring high power combined with no direct emissions makes this a perfect choice for most applications, even in confined spaces. The ability to drive all your Husqvarna Prime power cutters and drill motors with the same power pack allows you to scale up easily and add more Prime equipment as your needs expand," concludes Mattias Holmdahl.

New diamond segments and tools

Kern-Deudiam will highlight sustainable solutions at bauma 2025, showcasing a range of eco-friendly diamond segments and tools, along with professional machinery.

One of the highlights at the Kern-Deudiam stand at bauma will be the 'DTOX' cobalt free diamond segments product line. Since its launch, the portfolio has steadily expanded to include various products. The 'UNIX2' dry core drill will also be presented at the show, along with a selection of premium wall saw blades.

Environmental benefits

The decision to use cobalt free diamond segments is based on several key factors that offer both ecological and health benefits. Technological innovations like performance and durability go hand in hand with environmental consciousness. Conventionally, heavy metals play a crucial role in the development and manufacture of common diamond tools. Cobalt, in particular, is often mined under questionable conditions, leading to significant negative environmental impact such as deforestation, habitat destruction, and soil and water pollution.

By eliminating cobalt from its diamond tools, Kern-Deudiam aims to significantly reduce its negative ecological footprint. This also benefits users by reducing water contamination and avoiding health risks from cobalt dust or residues. In this way, cobalt free diamond segments contribute to making the construction and machinery industry more sustainable and responsible.

Dry core drilling in concrete

Another important subject in 2025 remains dry drilling with soft percussion and extraction. This innovative processing method allows for precise drilling without the use of water, significantly improving working conditions onsite. This technology is particularly suitable for work in sensitive environments where water use could be problematic. Due to its simplicity and performance, it is increasingly replacing wet drilling on many construction sites.

In addition to new tools and updated (electric) floor saws, Kern-Deudiam will also introduce a comprehensive and professional service program at bauma 2025. Also new is the company's offer of warranty repairs for all WEKA motors.

www.kern-deudiam.de/bauma







Conjet's commitment to total efficiency

In the ever evolving world of hydrodemolition, efficiency is more than just a buzzword. At Conjet, total efficiency isn't just about automation or adding new features, it's about striking the ideal balance between advanced technology and rugged simplicity.

Total efficiency in construction machinery encompasses multiple factors that contribute to overall machine performance, including uptime, maintenance, productivity, and work efficiency. These elements are essential in hydrodemolition, where machines operate in harsh, abrasive environments that demand reliability and adaptability.

Pitfalls of over engineering

While modern hydrodemolition machines have advanced features such as automated settings, sensors, etc, these improvements must be carefully evaluated in real world conditions. Added components introduced into a complex system can improve ease of use, but they also introduce potential failure points. The high vibration, water intensive environment of hydrodemolition can cause unexpected malfunctions, leading to costly downtime. There are also durability concerns as sealed sensors and advanced moving parts may claim improved reliability, but long term field performance is the real test.

The reality of efficiency claims

Manufacturers often promote new technologies with claims of increased efficiency, but real world performance is what truly matters. Adding high tech features and complex designs may claim to improve efficiency drastically. While intriguing, these statements depend heavily on many different variables such as water pressure, material type, and job complexity. Additionally, increased mechanical stress from complex mechanical designs could lead to higher maintenance needs, ultimately affecting uptime. Setup time, precision, and downtime prevention often have much more impact on overall project efficiency.

A truly efficient hydrodemolition machine isn't about full automation, it's about maintaining uptime through practical, field ready design. Machines that are difficult to repair onsite rely on costly proprietary parts or require specialised servicing that often leads to extended downtime and increased operational costs. Conjet states that it prioritises serviceability and reliability, ensuring that its machines remain operational with minimal disruption. By designing for easy maintenance and efficient repairs, the company says its aims to maximise uptime and keep projects running smoothly.

Striking the right balance

Conjet believes in the benefits of technology that serves the operator, not the other way around. Its approach focuses on maximising uptime through rugged, field serviceable designs' implementing automation that enhances control, rather than limiting flexibility. This ensures that efficiency claims are backed by real world performance and reducing maintenance complexity to keep machines running longer with minimal specialised intervention.

Hydrodemolition is a demanding industry, and efficiency isn't just about faster speeds or more features. Conjet believes it's about ensuring that every component contributes to reliability, productivity, and long term success.


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KOMATSU'S LATEST DEMOLITION OFFERING FOR INDUSTRY PROFESSIONALS AT BAUMA 2025

At bauma 2025, demolition professionals can anticipate a comprehensive showcase from Komatsu, with major focus on efficiency, innovation and optimal performance including a live demonstration of the PC390HRD-11 and K100 boom changing system.

A key highlight will be the live demonstration of the PC390HRD-11 excavator, equipped with the K100 boom change system, in the outdoor demo area outside Hall C6. Using the K100 system, the operator can change the configuration of the boom without outside help, and without getting out of the operator cab. The process is controlled through the 'Human/Machine Interface' (HMI) display panel, a touch screen system located in the operator cab. The K100 system allows the machine to be reconfigured to suit the different phases of the project, potentially saving the need for additional machines working on site.

Komatsu's Working Gear product marketing manager, Simon Saunders, says: "Customers tell us that the K100 system is a game changer - the safety benefits are particularly well received. With no need to work at height or handle heavy hydraulic hoses, the machine configuration can be changed simply, even on a jobsite. We have even been told that some projects would have been impossible without the K100 system."

The PC390HRD-11 offers three interchangeable front attachments: a digging/low height demolition boom, a 3m extension boom, and high reach demolition equipment. By combining these front attachments the machine can be configured in six different arrangements, being able to carry a 2,500kg attachment at a maximum height of 26m, a 3,350kg attachment at 23m or up to 4,000kg with the low height demolition boom at up to 15.5m.

New demolition simulator

For those who want to experience the operation of a Komatsu demolition machine, the demolition simulator inside Hall C6 offers a perfect opportunity. This provides a realistic digital training environment, allowing operators to practice boom changes and master the K100 HMI in a safe and cost effective setting. "The newest demolition simulator is a perfect addition to our simulator lineup, offering unparalleled training possibilities for Komatsu customers," says Sarah Munsters, training manager, Komatsu Europe. "This module replicates real life jobsite scenarios with remarkable accuracy, allowing operators to practice and refine their skills in a safe and controlled environment. Next to the onsite and online training Komatsu already provides to our demolition customers, we are proud to now as well offer simulation based training in this industry."

Komatsu 'one stop shop'

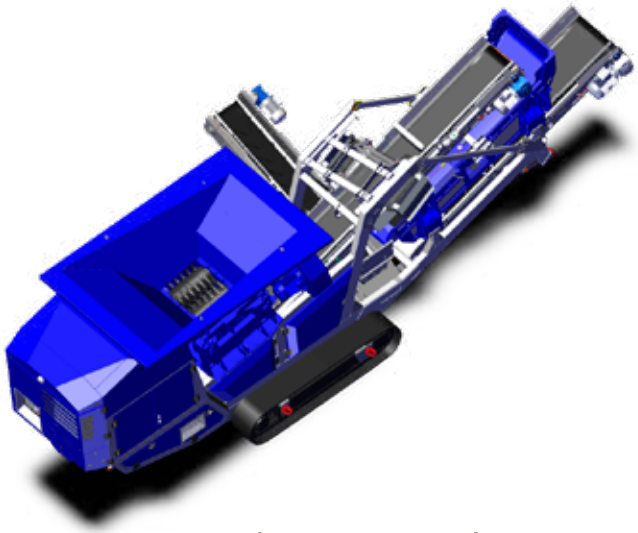
Komatsu will also introduce a new range of demolition attachments designed for enhanced efficiency, performance, and reliability. These new attachments feature large hydraulic components for optimal oil flow and a custom made speed valve for rapid cycle times. On the mechanical side, the main areas of focus were strength and wear resistance. Exceptional performance is said to have been achieved using 'Strenx 960' for the main structure, Hardox for protection plates and the use of alu-bronze bushings on the main hinge.

Komatsu's new demolition attachments

"Each attachment is available in four sizes, suitable for 15t to 70t machine class (rotating pulveriser and demolition crusher) and 16t to 60t machine class (static pulveriser)," says Bastiaan Cassiman, product manager Attachments. "The attachments provide high cutting and crushing power at all times. The attachments are designed to work their way through everything, both in primary and secondary demolition." Komatsu says that it is simplifying the customer experience by offering a comprehensive one stop shop solution that includes both the excavator and the matching attachments. With a focus on convenience and reliability, Komatsu aims to give customers peace of mind and ease in selecting the right tools for their needs.

Featuring high quality components and easily exchangeable parts, Komatsu's tools are designed for quick access for servicing and minimal downtime, helping customers maximise productivity. Previously Komatsu introduced sorting and demolition grapples, which have already proven to be valuable assets. With this latest launch, Komatsu continues to strengthen its offering, with more advanced attachments will be introduced over the coming year.

Note: The pulverisers are only available in Komatsu Europe sales region.



Cams at Bauma: Showcasing Innovation in Recycling and Road Construction

A novelty, a well-known plant for recycling milled material, and a machine that symbolizes tradition.

It might sound like a puzzle, but this is exactly what the Italian Cams, specialists in fixed and mobile crushing, screening, and shredding plants, is bringing to Bauma. At the Munich fairgrounds, at position FS.1213/1, the Centauro 75.25 will be on display for the very first time. The smallest in the Centauro range, like all its larger counterparts, is versatile, eco-friendly, and integrates a shredder, screen, and magnetic separator. This mobile machine is designed for direct use on construction sites and can handle difficult-to-process or wet materials. It features remote control for full management and offers either a hybrid (diesel/electric) or fully electric power supply. Specifically, this model is powered by a 105 kW FTP F36 Stage V diesel engine, with a MeccAlte 165 kVA alternator. Notably, all Centauro models can also run on renewable energy, such as solar power.

The Centauro XL 150.69 APR that will be showcased at the Cams stand at Bauma in the livery of a Belgian customer is a well-known and popular machine in the road construction sector. Capable of recovering 100% of asphalt – including all the material removed, milled, and slats – while preserving the original bitumen content, it stands out for its secondary shredder. This shredder operates at low revolutions, breaking down the material without altering its particle size distribution.

Finally, the Pavijet MG7 Super, a vibratory paver from Malavasi G., a long-established company in the road construction industry acquired by Cams in 2024, will also be featured. This compact machine, complete with an international patent, is equipped with a telescopic screed, allowing it to navigate around obstacles. It can lay hot and cold asphalt bitumen, as well as cement, sand, and aggregates.

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The marked cutting path of the BEF 400RC for removing the old joint.



The BEF 400RC during the removal of an old joint.


The finished joint, ready for insertion of the new joint profile.


The traditional joint with elastic joint material.


Floorbridge joint profile inserted into the joint processed with the BEF 400RC.

SCHWAMBORN AIMS TO ACHIEVE THE PERFECT RENOVATION

Concrete joints are one of the most sensitive areas of high traffic floor surfaces, especially in industrial settings. Traditionally, they are filled with an elastic joint material, but this material often fails under heavy loads. As a result, damage occurs over time. Schwamborn says its innovative BEF 400RC cutting and milling technology and Floorbridge's durable concrete joint profiles, enable old, unsightly joints to be removed and replaced with a modern, high quality solution. This method is said to provide an economical, environmentally friendly, and visually appealing alternative.

Efficient removal of old joints

The BEF 400RC is a powerful, remote controlled cutting and milling machine that efficiently and gently removes old and unsightly concrete joints using a cutting rotor. With its infinitely adjustable cutting depth and dust free operation, it creates an optimal foundation for subsequent joint renovation without unnecessarily damaging the surrounding concrete. The precise cutting technology is designed to ensure that the surface is perfectly prepared for the seamless integration of new joint profiles.

Not a long term solution

Traditional joints filled with elastic materials deteriorate over time due to high mechanical stress and require frequent repairs. Floorbridge joint profiles offer a sustainable and highly resilient alternative. They are characterised by significantly longer durability, high resistance to mechanical stress, and consistently stable performance.

Sustainable and cost effective

By combining the BEF 400RC from Schwamborn with Floorbridge joint profiles, it is possible to achieve a joint renovation that is not only highly durable but also cost effective and aesthetically appealing. This method contributes to the longevity and safety of flooring surfaces.

Live at bauma

At bauma, Schwamborn will demonstrate the BEF 400RC as well as the WDS 530S wall and ceiling grinder. The company will also showcase its powerful industrial vacuum cleaners STS 110A, STS 330A, and STS 1100A with automatic filter cleaning, as well as the innovative 'Power Battery Trowel' AG2 for flexible and cordless smoothing work.

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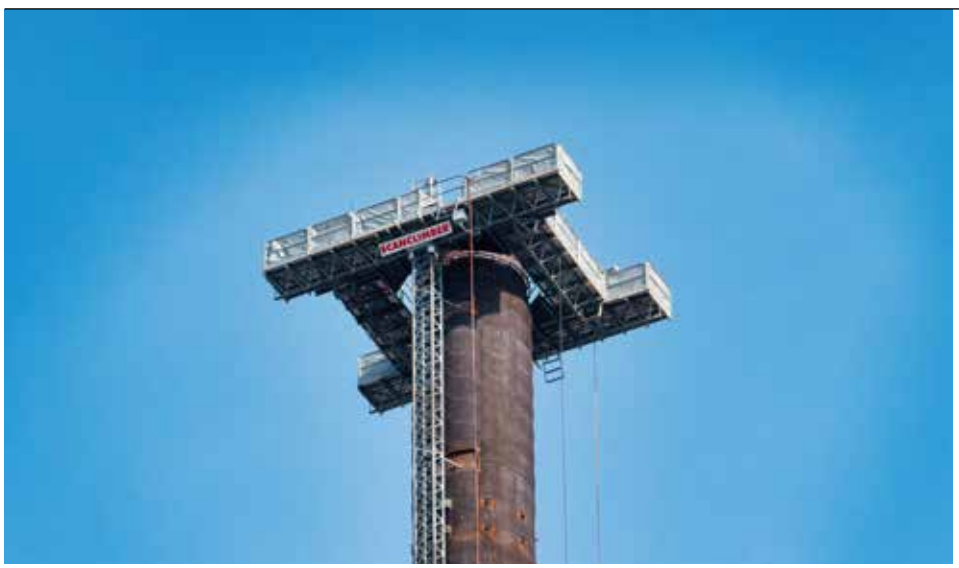
Controlled demolition and reconstruction



In the heart of Basel, an old truck park area is currently being demolished to make way for a green oasis, but also to be rebuilt at a different location in Basel at the same time. A construction site made for Tyrolit diamond tools and machines.

In Basel, Switzerland, an old truck park area is currently being demolished as part of a large scale project to create a green oasis in this otherwise densely developed area. The concept of this deconstruction involves exposing the ribbed concrete floor slabs, which are around 10m and 11m long, and 1.5m and 1.25m wide, and then removing them. These newly obtained elements are to be reused in order to drastically reduce CO_2 emissions in the construction of the new car park. The long term project started in autumn 2024 and will continue well into 2025.

All concrete drilling and sawing work in this project is being done by the Swiss company Interbohr AG. The professionals of the company are relying on machines and tools from Tyrolit for use, on among other things, the car park which is being dismantled by using no fewer than five WSE1621 wall saws. To achieve the accuracy necessary for the reuse of the elements, the elements are each cut in three stages using Tyrolit diamond saw blades with diameters of 600mm, 800mm and 1,200mm. Due to the duration of the project, consideration is also given to local residents by exclusively cutting with 'Silent' diamond saw blades. Tyrolit diamond saw blades in this version reduce noise during cutting by 10 decibels, which means that the noise is perceived as only half as loud.



Scanclimber's innovative solution for chimney demolition

A demolition project in Berlin presented a unique and demanding challenge in the dismantling of three 80m high chimneys located atop a 100m tall structure. Traditional methods of deconstruction proved impractical due to the absence of cranes and the complexities of transporting workers and equipment to such heights. Scanclimber's 'Mast Climbing Work Platforms' (MCWPs) delivered an effective and innovative solution to overcome these obstacles.

The solution

Scanclimber supplied a tailored combination of mast climbers to meet the project's unique requirements comprising of its Twin SC8000. This consists of a twin custom configured square mast climbing work platform used to transport personnel, tools, and materials to the required heights safely and efficiently. The twin square mast climber configuration was designed to operate from +98m to +178m, providing stability and versatility for tasks at extreme heights. The ability to dismantle the mast sections independently further optimised the timeline and reduced reliance on additional equipment.

The deployment of Scanclimber's MCWPs resulted in numerous benefits. They provided seamless access to all work areas, significantly simplifying the dismantling process and created a secure environment for workers, eliminating risks associated with crane based methods. The use of the platforms facilitated the transport of personnel and tools directly to the work site, saving time and effort. Workers were also able to conveniently connect power tools directly to the platform power sockets, reducing downtime and eliminating the need for long extension cables from the ground. The easy installation and dismantling of mast sections reduced overall project time and minimised operational costs.

Overcoming challenges

The initial project concept involved using cranes to secure and remove dismantled sections. However, Scanclimber's innovative approach with a custom configured twin square platform eliminated the need for cranes altogether, streamlining operations while maintaining safety and precision. Scanclimber's adaptability ensured the project remained on track, with the platforms' reliability and robust design proving essential in navigating the complexities of the task.

The dismantling of the chimneys progressed successfully, with an expected completion in 2025. Scanclimber's MCWPs are said to have not only enhanced efficiency and safety but also demonstrated the versatility required for highly specialised projects. As projects continue to push the boundaries of engineering, Scanclimber states that its innovative solutions remain indispensable in turning challenges into achievements.

www.scanclimber.com

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TYROLIT READY FOR BAUMA

At bauma 2025, Tyrolit will showcase a wide range of machines and diamond tools for concrete cutting and drilling. This will also include a large selection of product innovations and new developments in the field of floor grinding and floor prep together with Contec and Scanmaskin.

Tyrolit will be at bauma with two indoor booths and three outdoor booths. Here the company will exhibit a number of developments and innovations for professional concrete cutters, the construction trade business and for floor grinding professionals. The Tyrolit highlight of 2025 is the new WSE912 compact wall saw: With freely attachable saw blades up to 700mm and a maximum blade diameter of up to 925mm, it can be used for a wide range of cutting applications, especially in tight spaces such as balconies. Its modular design and easily separable components make the new WSE912 extremely easy to service and maintain. It also has a newly developed, all in one blade guard, which is designed to be insensitive to dirt, and which is available in two sizes. And best of all, even in the event of a phase failure, the innovative 'OmniGrid' technology allows the cutting process to be completed.

However, Tyrolit has also made great strides in the field of floor grinding and floor prep. For the first time, Tyrolit will be represented at bauma together with Contec and Scanmaskin and will present the latest machines and diamond tools for this field of application. It will also be possible to test machinery onsite in the outdoor area. In addition, customers and interested parties can look forward to some exciting new launches in the field of core drilling, such as new drill stands and new core drilling motors from Tyrolit. The exhibition will be rounded off by a variety of new or revised core drill bits, in particular the 'DDX' dry core bit with the new, revolutionary TGD+ technology, which will be presented to the public for the very first time at bauma.

Of course, the new products in the areas of floor sawing, road processing and wire sawing, as well as the digital asset management platform 'MoveSmart', and the extensive range of diamond tools for the construction trade with a new, optimised look will also be on display at the show. Tyrolit will be located at Hall A1, Booth 139 (Tyrolit and Scanmaskin) and Booth 239 (Contec). Outdoor booths with live product presentations will be directly accessible at the hall exit next to the Tyrolit booth.





New features and options for Develon DL-7

Develon has announced several new features and options for the company's DL-7 wheel loader range. Comprising eleven models, the DL-7 range is designed to provide easier and faster loading with maximum bucket capacities from 2.0 to 6.4m³, for a very wide range of material handling applications. These include the transport and delivery of soil, sand, aggregates and other materials in industry, recycling, waste, construction, demolition, mining and quarrying. Develon now also offers a wide choice of options to provide more work tools for a better match with applications, further increasing output.

One of the most important changes in the DL-7 range is the new parallel lift system which is now adopted as standard in the six smallest models. Electric joystick steering integrated on the armrest is now available for the smallest models. Another upgrade is a comprehensive LED lighting pack designed to improve visibility, safety and operator comfort. This new package includes advanced LED work lights, which provide powerful illumination, ensuring tasks are completed safely and efficiently.

Inside the cab, there is an option on all models of a new seat with both heating and ventilation. The seat offers fully adjustable horizontal and vertical suspension settings and a pneumatic lumbar function. There is a three point safety belt with alarm icons on the touchscreen monitor and on the gauge panel, which offers a clear layout and anti-reflective glass.

All of the newly updated DL-7 wheel loaders are equipped as standard with a third spool valve with settable flow and detent function, providing a constant flow for hydraulically driven attachments. Operators can also control hydraulic attachments via the proportional switch on the joystick. The DL200-7, DL220-7, DL250-7 and DL280-7 models now have both quick coupler and third spool piping as standard, with these new features optional on the larger models.

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2023 Attendee Dylan Mercier, D2 Contracting



BREAKING GOOD

Of the tools involved in demolition work, hammers may well be the most fascinating to watch.

Perhaps it's the rapid-fire pounding that can turn large sections of concrete or rock into more manageable bits in a matter of seconds. Or perhaps observers are living vicariously through the carrier operator who deftly maneuvers the attachment from one chunk too another, and can't help but feel a bit of disappointment when the job is done, and there's nothing more to break. But whether they're "performing" before an audience or working alone, contractors and operators need hammer attachments that provide the power, performance, and reliability to be productive as possible. Here are some examples of how the world's manufacturers are helping them meet that challenge.

Promove xP: innovation in demolition hammers

The xP range of demolition hammers from Promove represents a true innovation in the world of demolition breakers, combining high technology and excellent performance in a single product. Thanks to a system that integrates oil and gas, and utilizes the compression and expansion of nitrogen, xP hydraulic breakers deliver more energy per blow while reducing the stress on the excavator's arm. This allows for consistent performance, reduced fuel consumption, and improved efficiency, eliminating the pressure fluctuations typical of traditional models.



Available in 19 models, the xP range covers a wide range of needs in the construction sector, from demolition to foundations, excavations, and road construction, ensuring high performance while also reducing machine downtime.

Among the models in the range, the xP61 stands out for its monoblock structure made of cemented steel, which makes it highly resistant to impacts. The new compact design of this model makes it ideal for working in confined spaces, while the easily replaceable lower bushing simplifies on-site maintenance, putting the machine back in operation quickly and optimizing operational costs.

Promove also has introduced significant upgrades to the XP range, with even more robust and functional casings. The newly reinforced structure of the hydraulic breakers ensures greater resistance and durability, even in the harshest conditions. The removable front cover allows for direct interventions on-site, enabling operations to continue uninterrupted. Additionally, the polyurethane internal absorbers and sound deadening plates, along with the wear-resistant foot, have been designed to effectively control vibrations, improving operational comfort and reducing overall wear on the tool.



With these innovations, Promove's xP hydraulic breakers continue to evolve, offering excellent performance and optimal resource management, meeting the ever-increasing demands of the demolition industry. Don't miss the opportunity to discover all the new features at Bauma 2025, stand FN 815/9.

www.promovedemolition.com

ACDE's new BEILITE Europe BLTB-5 series hammers

Under its BEILITE Europe brand, ACDE offers a complete range of hydraulic hammers, including the new BLTB-5 Series. Designed for 55 to 200t excavators, the series ranges from the 96kg, 40mm tool diameter BLTB-40-5 to the 14,000kg, 280mm tool diameter BLTB-280-5-W—the world's largest production hammer.

The BLTB-5 Series hydraulic breakers are designed for primary and secondary demolition, delivering the impact force required to break through reinforced concrete, foundations, bridges, and road surfaces. Ideal for bridges, roads, industrial buildings, and reinforced concrete structures, the BLTB-5 Series ensures efficient and precise breaking of demolition materials. Key advantages include high-impact energy, B-LUBE automatic greasing system for reduced wear and extended uptime; B®TRACK&CHECK data tracking for real-time monitoring of usage, maintenance needs, and security; and sound-suppressed models for urban demolition projects requiring reduced noise levels

BLTB-5 Series breakers also provide an environmentally friendly alternative to blasting, mini¬mizing vibrations, noise, and the production of fine material that may be unsuitable for applications such as road construction. For underwater rock excavation, all BEILITE Europe hydraulic breaker models with "W" designation are equipped with underwater kits, ensuring that the percussion chamber remains under pressure to prevent water ingress. These breakers are ideal for harbor deepening, underwater trenching, and dredging applications.

In tunneling, mining, and demolition, dust suppression is a key challenge. ACDE Europe offers an integrated Water Spraying System to reduce airborne dust and improve visibility and worker safety. This system includes a water tank, pump, and piping system; a spray plate and nozzle for optimal dust control; and compatibility with both sound-suppressed and top-mount hydraulic breaker models.These solutions ensure compliance with environmental and occupational safety regulations, reducing dust-related hazards and equipment.

See the BLTB-5 Series at Bauma 2025, Booth C5.348.

www.acde-europe.com

TABE updates compact hammer range

TABE has been updating its compact range for several years. Initially, the monobloc range was extended at the ends, with the smallest model, the 67kg MT 65, and the MT 800, which extended the monobloc range to 800 kg. Later, the MT 195 was developed, which updated the old MT 175, offering greater power for the same machine range. Following this design, the MT 385 and MT 285 were presented.

To complete this renewal of the light range, TABE's new MT 105, MT 155, and MT 485 will be shown for the first time at Bauma 2025. These models complete the new generation of monobloc hammers with a cylindrical profile that characterizes the brand.

TABE has a unique testing laboratory that guarantees the quality, performance, and resistance of all its products before going on the market. All models feature free through bolts, a cylindrical design with high hardness casting body, a hybrid technology to support energy recovery, and a greasing system. An optional underwater working system is also available.

TABE's breakers will be on display at Bauma 2025, outdoor space FN 817-1.

www.tabe-hammers.com

Mecalac launches a new range of hammers

Mecalac, world leader in the design, manufacture and distribution of compact machines for urban worksites, presents its range of hydraulic breakers—the MB30, MB40, MB50, and MB80.

By offering four breakers of different calibers, Mecalac is able to respond effectively to a multitude of needs. In fact, by adjusting the combination of hammer model and machine size, it is possible to respond effectively to all levels of use, whether occasional or intensive.

The MB30, MB40, and MB50 are designed for excavators from 5t to 12t. They are compact and lightweight, with a no-load protection system for added durability. They also offer additional operating comfort thanks to their suspensions, which help to reduce noise pollution.

The MB80, designed for excavators from 9t to 16t, combines performance, robustness and ease of maintenance, with a protection system against dry striking and a











soundproofed cradle equipped with suspensions. Its standard automatic greasing system simplifies daily maintenance.

To improve working conditions for operators and productivity on construction sites. Our new breakers are lighter, quieter, and more robust, offering optimum comfort for everyday use.

www.mecalac.com

XL-Series nitrogen-fired breakers

Designed for carriers ranging from 11t to 38t, the XL-Series nitrogen-fired hydraulic breakers from Montabert offer powerful performance and reliability, low maintenance costs, and top productivity for applications such as demolishing buildings, digging trenches, landscaping, and quarrying.

High-performance seals on the XL Breakers ensure nitrogen pressure stability, eliminating unexpected and frequent nitrogen recharges and ensuring stable breaker performance. Nitrogen pressure can easily be adjusted, depending on application, to further increase efficiency and versatility.

With a fully dampened power cell, Montabert XL Breakers will take care of both the excavator and the operator. Both the excavator boom and breaker housing are protected from cracks, while sound levels are significantly reduced. Additionally, blank firing protection improves wear parts lifespan, and carrier hydraulic systems are relieved from pressure spikes, as the breaker is able to buffer them.

The Montabert XL range has been designed for easy maintenance. Each breaker is supplied with a full set of tools, as well as an automatic lubrication system, which is mounted on the breaker itself or on the excavator, and which will supply an optimal volume of grease to help control lubricant consumption.

Additional benefits include a patented main control valve to provide superior performance and efficiency; an energy recovery system that captures the piston's rebound energy, providing increased frequency and power on the next blow; and a high-quality piston and close-tolerance cylinder to reduce internal leaks and increase efficiency. The breakers also feature a blank-fire protection system that reduces damage on all wear parts by providing a cushion of oil that reduces the energy, while an optional breaker- or excavator-mounted grease station delivers continuous grease flow, reducing bushing and tool wear.

www.montabert.com

JCB hydraulic breakers maximize carrier versatility

JCB hydraulic breakers deliver the power and durability needed for breaking concrete, rock and asphalt. Supporting carriers from 0.5t to 55t, the Contractor range begins with compact breakers providing 200-271-1,627 J of impact energy for skid steers and mini excavators for road repairs, trenching, and utility work. Mid-range breakers with 2,034-8,135 J of impact energy handle foundation demolition, reinforced concrete removal, and bridgework with automatic pressure regulation for consistent performance. Heavy-duty breakers, providing up to 18,300 J of impact energy are built for large-scale demolition, rock breaking, and quarrying, with anti-blank firing and energy recovery to reduce carrier wear.

Each JCB breaker features a built-in lubrication system, reducing manual maintenance and extending tool life. Replaceable wear parts ensure quick serviceability, keeping equipment operational. Advanced noise suppression and vibration control improve operator safety and jobsite compliance. Breakers also come with a 3-year comprehensive warranty.

JCB breakers provide demolition professionals with a reliable, high-impact solution that maximizes efficiency and uptime.

www.jcb.com

Epiroc unveils enhanced EC 100 hydraulic breaker

Epiroc announces the launch of its updated EC 100 hydraulic breaker, packed with features to enhance handling, extend lifespan, and reduce maintenance needs.

A standout feature of this model is the new wear bushing system, which simplifies maintenance with a replaceable insert that minimizes downtime and costs. This insert can be turned 180 degrees once the wear limit is reached, allowing continued operation while a new insert is ordered. Field replacement is easy with simple hand tools, eliminating the need for special equipment.

The EC 100 is now 180 mm shorter and weighs 40 kg less, improving handling and reducing energy consumption. The model features hybrid technology with an integrated nitrogen piston accumulator, ensuring high impact energy and smooth operation. The VibroSilenced Plus system lowers noise and vibration levels.

Advanced control technology, including an integrated control valve and EnergyRecovery system, optimizes efficiency and reduces vibrations. This versatile breaker is ideal for applications such as demolition, rock excavation, and landscaping, ensuring high productivity and minimal downtime.

Epiroc DTH hammers feature the Optimizer, an advanced sensing system for Epiroc DTH hammers that empowers drillers to maximize productivity and efficiency. By measuring vibrations during drilling, analyzing the data, and presenting real-time graphical insights, it guides operators with clear, actionable information to optimize performance.

www.epiroc.com

Darda C20 rock splitter

Darda's C20 Rock Splitters quickly break large boulders and solid rock in a short period of time in mining and shaft construction work, as well as in tunnelling for cross passages. Unlike demolition hammers or explosives, the working method is quiet, safe and generates practically no vibrations or dust. The C20 offers demolition contractors a productive alternative in areas where potentially disruptive demolition methods are not permitted, such as near hospitals. The rotatable and highly maneuverable C20 is also the safe alternative compared to hand-held tools such as pneumatic demolition hammers, whose heavy vibrations cause fatigue and physical injury over time.

Using the C20 with a demolition robot enables the operator to work from a safe distance with the remote control and harness. Other features include easy replacement of wear parts, automatic wedge lubrication, multiple mounting options, and compatibility with underwater operations.

www.darda.de

Toku America's Striker rock breaker system creates new crushing capability

With increased construction activities worldwide, rapid urbanization, and an expanding mining sector, the global excavator breaker market is projected to grow





significantly to an estimated US$3.5 billion by 2032. As a result, hydraulic breaker technologies in mining and aggregate applications have evolved rapidly to include advancements that are focused on optimizing breaking efficiency, reducing operating costs, and minimizing downtime on the job.

In an effort to deliver maximum performance and reliability options for this growth trajectory, Toku America, Inc., a subsidiary of Toku Pneumatic Co. Ltd. Japan, has recently developed its STRIKER rock breaker system comprised of heavy-duty, mid-range, and mobile system options. The efficient and robust systems feature a versatile boom that allows the powerful hydraulic breaker to reach into the crusher's mouth–effectively reducing oversized boulders and clearing any blockages in the hopper. All systems are custom-engineered to meet specific crusher and aggregate material application demands in a wide range of sizes and reach.

Also from Toku, the STRIKER TNB hydraulic breaker

Installed at the end of the boom system, Toku's STRIKER TNB hydraulic breakers feature a uniquely simple yet efficient design with only two moving parts–requiring no maintenance. Its advanced "accumulator free" technology delivers exceptional impact energy, long life, and low operating costs. Based on the same design philosophy, it also features a complete range of 15 breakers to match a myriad of demanding aggregate application needs.

A 50/50 long-stroke piston-to-tool weight ratio ensures efficient energy transfer and recoil reduction, while a cushion chamber isolates each blow from the carrier and operator. The energy is instead recycled and used for the next blow.

Other features include short, fully enclosed tie rods; a "flow through" control valve design that reduces hydraulic surge and efficiently controls the breaker operating cycle; and dual retainer pins that ensure correct tool alignment and even tool wear for longer tool and bushing life.

www.toku-america.com

Furukawa Rock Drill USA introduces Fx800 Qtv

Furukawa Rock Drill (FRD) USA introduces a new large-series breaker with the Fx800 Qtv. The new model replaces the Fx770 16,270 Nm class breaker, offering numerous advancements, including increased breaking performance and reduced energy loss during operation.

Like its predecessor, the Fx800 runs on a 48t 83t excavators. The Fx800 still requires the same pressure and flow as the Fx770, but re-engineered internal hydraulic routing delivers improved efficiency, improving breaking performance and reducing energy loss during operation.

Additional updates to the Fx800 include modified through bolts with a larger thread diameter to increase thru-bolt longevity and improve operating life, a more robust front-head ideal for abrasive applications, and an anti-blow feature for increased performance, extending breaker life. Large diameter working steel at 190mm maximizes rock breaking, while a redesigned soundproof cover provides easier maintenance access.

FRD also offers the F-Check instant identification system, allowing users to optimize operations by being able to immediately access information on hydraulic breakers and other tools. Scanning the equipment's QR code provides users quick access to the drill model, specifications, and the ability to confirm service-hour information about a drill's consumables for the drifter, engine, hydraulics, compressor and dust collector. F-Check also allows users to match the attachment with the carrier type and manufacturer.

www.frdusa.com

Nitrogen breaker series from Ignite Attachments

The Ignite Attachments nitrogen breaker series delivers powerful, efficient performance for skid steers, loaders and mini track loaders. Available in light-, standard- and heavy-duty models, each breaker features a universal skid steer quick attach interface for use across a wide range of compact equipment makes. Every unit includes a moil and chisel tool for versatility in demolition and construction.

Each model is engineered for optimized power-to-weight performance. The light-duty breaker weighs 228kg and delivers 290-320 Nm of impact energy, requiring a hydraulic flow of 26.5-49 lpm. The standard-duty model, at 381kg, produces 590-630.5 Nm of impact energy with a flow range of 41.6-68 lpm. The heavy-duty model, built for demanding applications, weighs 456kg and generates 1,055-1,110 Nm of impact energy with a hydraulic requirement of 49-91 lpm.

Featuring a nitrogen charged system, Ignite breakers maximize strike energy without adding unnecessary weight, ensuring an ideal power-to-weight ratio for efficient operation. Each unit arrives pre-charged for immediate use and includes a nitrogen charging tool kit, making long-term maintenance simple.

Ignite breakers are built for durability and ease of use. Each model features Faster connect-under-pressure couplers and full nylon hose sleeves, allowing for dependable operation even in demanding demolition applications.

Ignite's Fit Finder tool to match the right breaker to their equipment, drawing from an extensive database of compact machine specifications.

www.igniteattachments.com

Takeuchi hydraulic hammers offer power, precision, and durability

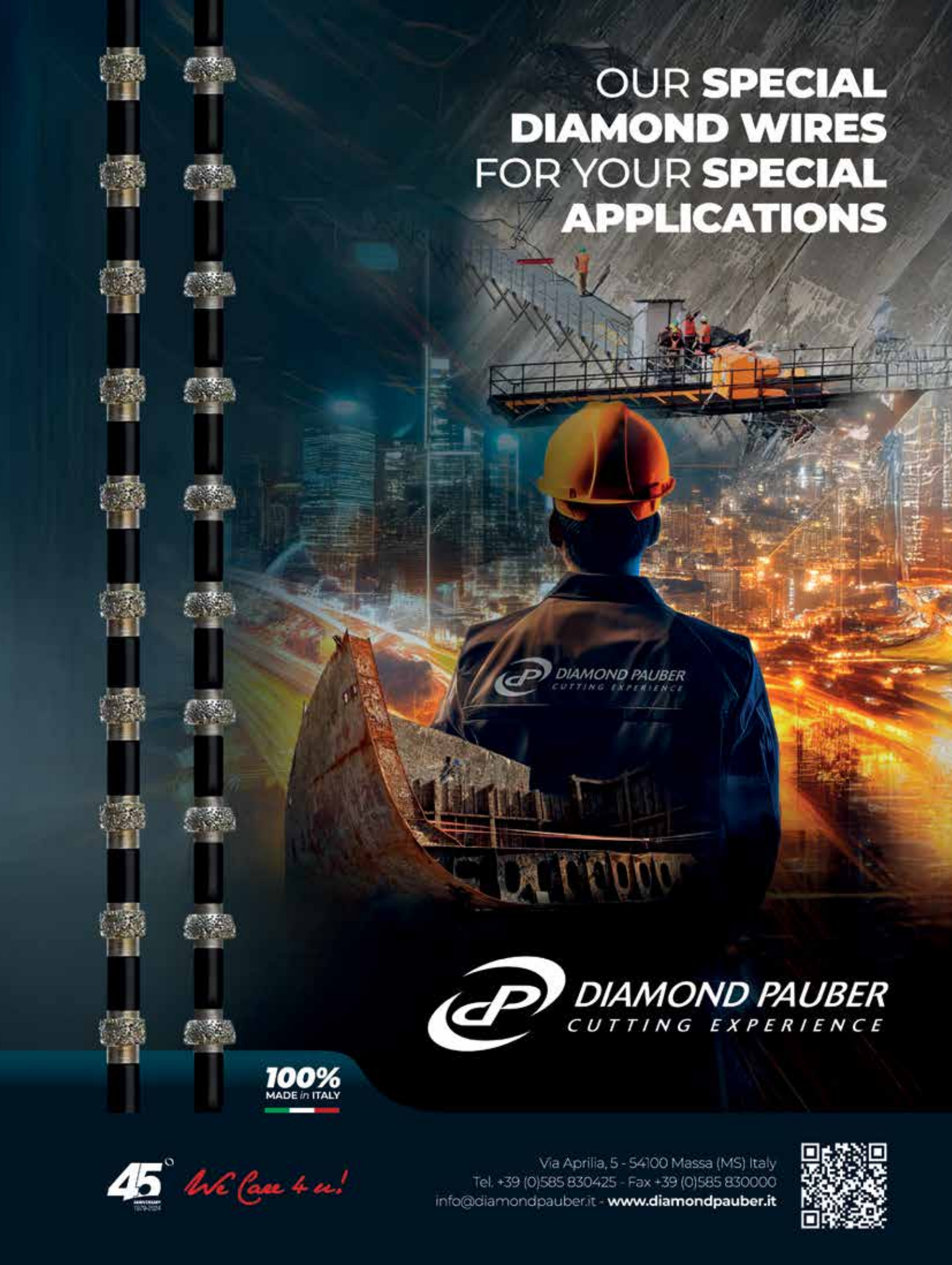
Takeuchi's line of sound-suppressed hydraulic hammers is designed to deliver high-impact power while minimizing noise, making them an ideal solution for demolition work in noise-sensitive environments. With seven models offering exceptional power-to-weight ratios, these hammers provide the versatility needed for a wide range of applications.

The lineup includes the TKB52-S, TKB72-S, and TKB102-S, which pair seamlessly with Takeuchi compact excavators from the TB210R up to the TB230. The TKB302-S, TKB402-S, and TKB802-S models are well-suited for compact track loaders—such as Takeuchi's TL6R through TL12V2/R2—and compact excavators from the TB235-2 to the TB290. The most powerful model in the range, the TKB1702-S, is designed for the TB2150 and TB2150R excavators.

Engineered for performance and longevity, Takeuchi hammers feature a sound-suppressed housing that not only reduces noise but also enhances protection from dust and debris. The constant blow energy (CBE) system allows for adaptable oil flow settings while safeguarding against high back pressure. Additionally, an integrated hydraulic accumulator eliminates nitrogen leaks and recharging needs, ensuring consistent impact force and lower maintenance costs.

Durability and ease of service are central to the design of Takeuchi's compact and medium hammers. With a streamlined internal structure, no tie rods, and a robust 3-in-1 lower tool bushing, the hammers simplify maintenance while maximizing longevity. A single retaining pin enables quick, on-site tool and bushing replacements. On the medium-range TKB302-S, TKB402-S and TKB802-S models, swivel couplings allow hoses to move freely, reducing stress on both the hoses and couplings for extended service life.

www.takeuchi-us.com


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DEVELON TO FOCUS ON INNOVATION AT BAUMA

The Develon stand will reflect key areas such as digitalisation and sustainability; automation and alternative drive concepts; networked construction, reduced carbon footprint and the circular economy. An innovative approach will flow throughout all areas of the stand to support Develon's quest for wider sustainability and to reduce carbon emissions, avoiding any negative impact on people and the environment.

Vision for autonomous machinery and advanced technology

Develon will display its vision for autonomous machinery which has been an ongoing development stream at the company for years, starting with the 'Concept-X' technology first seen globally in 2019. This progressed to Develon's 'Concept-X2', a remote control/autonomous cabless concept. At bauma, visitors will see 'Real X', the next level in autonomous working from the company. Real X allows the latest smart Develon crawler excavators to carry out a full suite of autonomous tasks including trenching, bulk earthwork and truck loading.

At bauma, visitors can see 'Smart Around View Monitoring' (SAVM), which is a new system developed to improve safety when operating equipment which employs object detection technology based on AI. This function provides the operator with a 360º view of the excavator, significantly enhancing the safety of any workers near the equipment. Another of the advanced technology systems being shown at bauma 2025 is a new version of the 'Transparent Bucket' safety system. The new version of the system - Transparent Bucket 2.0 - has all of the functionality of the original system but now offers 'Object Detection' (OD) and 'Object Recognition'.

The 'Experience Zone' exhibit will enable Develon to provide visitors with a guided tour of the Experience Zone, providing a fully digital experience to showcase future technologies and related innovations, safety and productivity and design with dedicated Develon experts on hand to support. As well as the interactive displays, visitors have many photo opportunities and the ability to try out the 'Next Generation 9' model operator's cab in the zone. Other developments to be featured include 'Radar' and 'E-Stop 'detection and 'ALA' (Advanced Lift Assist) systems.

Zero emission and alternative drives

Along with the DX20ZE-7 (canopy) mini excavator, will be another electric mini excavator, the brand new DX23E-7. This model which is due to be launched later this year features a spacious cab and is powered by an inhouse developed 32kWh/40kWh lithium ion battery pack option, with all electrical systems and components on the machine optimised for work in harsh environments. Develon will also display a 'BEV Zero Emission' 14t wheeled excavator intended to be used for a high proportion of urban work as a first development target. The DX140WRE is intended to be the world's first mass produced medium sized wheeled excavator that can work for more than 8h on a single charge.

Two new smart heavy crawler excavators will be revealed for the first time in Europe at a special ceremony on the Develon stand. These Next Generation 9 models are said to combine ten groundbreaking technologies to redefine and set new industry standards in productivity, safety and operator convenience.

Range extension

Develon will also launch a number of other new machines at bauma to further extend the range of models and to update/improve existing models with new features, including Develon's new range of special application machines. This includes the new DX270WMH-7 (27.5t) material handler designed to carry out the toughest tasks across a wide range of material sorting/handling applications. The new DX235LCR-7 car dismantler designed to break down decommissioned vehicles is a 20t plus crawler excavator with a specific attachment designed for maximised productivity. Another special application machine being shown for the first time is the new 22.5t DX140RDM-7, the latest addition to the company's demolition excavator range.

Develon will also present several new models that extend current ranges and/or offer new advances and features. These include the new DX25Z-7 mini excavator, and the new DX165W-7K and DX190W-7K models. Similarly, the DL220-7 wheel loader is being shown to display new features and options for the company's award winning DL-7 wheel loader range.

Klingspor celebrates 10th anniversary of diamond tool production in Lviv

Abrasives manufacturer Klingspor is looking forward to a significant anniversary this year as ten years ago, the company established its own production facility for diamond tools in Lviv, Ukraine. This strategic decision marked a milestone in Klingspor's corporate history, as well as being a testament to operating an inhouse production facility that only manufactures products of the highest quality.

Lviv the ideal location

The selection of Lviv as a production site was no accident. Aside from offering excellent logistical connections and a pool of highly qualified specialists, Ukraine offered ideal conditions for Klingspor's to the highest quality standards. Despite challenges in recent years, the location has proven to be robust and future proof, impressively underscoring a strong partnership with the region and the local employees.

The diamond tools manufactured in Lviv, especially the diamond cutting blades in a variety of dimensions, are said to be characterised by exceptional quality and durability. State of the art manufacturing technologies, strict quality controls and innovative new products springing from research and development in Germany, provide consistently high performance, resilience and precision. "Our diamond tools set standards in the industry. They offer our customers around the globe a superior cutting performance and a significantly longer service life, a clear competitive edge over other manufacturers," explains Dirk Köpsel, director for sales and marketing at Klingspor.

The tenth anniversary serves Klingspor as an occasion not only to look back on the successes of the past, but to look forward to the future. The company plans to continue investing in innovative technologies and the development of the Lviv site in a bid to further augment its position in the market for diamond tools.

Presence at bauma 2025

At bauma 2025, (held from 7 to 13 April) the company will use the show as an opportunity to present its tried and tested diamond tools and to unveil exciting innovations and new products. Customers and interested parties are cordially invited to come for an up close and personal look at the quality and performance of the Klingspor portfolio. With its anniversary, Klingspor states that it is sending a strong message in terms of quality, innovation and the value of long term partnerships to customers and employees alike.

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Drum and chain part

There are very few types of excavator attachments that can rival a drum cutter in terms of versatility. The range of applications drum cutters can be used on is almost limitless - demolition, tunnel profiling, rock excavation, underground scaling, trenching, road construction, you name it. PDi has the latest news from the drum cutter world.

Kemroc to celebrate 25th anniversary at bauma

Kemroc – a Germany based trendsetter in drum cutter technology – will be celebrating its 25th anniversary at bauma with live demonstrations of its large portfolio of excavator attachments that begins with drum and chain cutters. These attachments have been and remain Kemroc's signature products since day one. A chain with carbide tipped teeth running between the two drums allows the attachment to excavate trenches in soil and rock to the required width without leaving a ridge in the space between the drums, as is the case with conventional milling attachments. Kemroc's 'EKT' range of drum cutters has its own distinctive feature as they can be retrofitted with a cutter chain, if required. The 'KRC' range of bullhead milling attachments, with cutter drums heads arranged at an angle to each other, produce an almost ideal milling pattern when penetrating rock and soil without a cutting chain. Also on display at bauma, there will be units from the 'KR' range of robust rotary drum cutters equipped with helical gears. These attachments have been designed for use on short boom excavators operating in confined spaces – useful especially in tunnelling – as well as for low vibration and low noise demolition of reinforced concrete structures.

www.kemroc.com



No task is too challenging for MB Crusher

1,500m³ of milled tunnel within six days - this is what a Croatian contractor has achieved when it put to work a MB Crusher MB-R500 drum cutter fitted on a Takeuchi TB290 compact excavator. The contractor was tasked with the renovation of an old tunnel in the port town of Ploče, near Dubrovnik. Had it tried to break the Dalmatian white stone with a hydraulic hammer, it would have taken the company over a month of hard work without obtaining smooth and uniform wall surfaces. The MB-R500's larger brother, the MB-R800 drum cutter, installed on a Volvo EC210 excavator, was used on a renovation project at a hydropower plant in Nepal, achieving great success. It involved cutting a 7m wide





ty at bauma



road, and a 6.5km long, 3.5m wide and 4.5m high tunnel. Another large scale project, this time in India, called for the enlargement and maintenance of several major irrigation channels. Initially, the contractor considered using a hydraulic breaker, but, since the job required pinpoint precision, discarded that idea. Instead, they opted for a MB-R800 drum cutter, featuring a direct drive twin motor system. The attachment passed the test with flying colours, resulting in the Indian company buying five more units.

www.mbcrusher.com

Simex to launch a new model for trench excavation at bauma

Last year, Italy based Simex expanded its range of double drum cutters with the addition of the TF 2500 model intended for 40t to 55t excavators. The Italian manufacturer also updated the TF 600 and TF 400 models to the TF 650 and TF 450. The update originated from the need to synchronise these models with the larger ones, featuring a double filter on both the supply and drainage lines. Simex has announced that it will use bauma to launch a new model with an innovative design and reduced space between the drums for maximum performance in trench excavation applications.

www.simex.it





Screencore appoints Orba Group as UK distributor

In order to ensure that Screencore customers throughout the UK have access to its modern, productive and efficient range of material handling and processing equipment, the company is pleased to announce the appointment of the Orba Group Ltd as its distributor for the UK. Providing the full Screencore range of screens, crushers, stockpilers, trommels and pugmills, Orba Group Ltd will not only provide the equipment, but also deliver full aftermarket care including parts, service and customer support.

The Orba Group Ltd is a leading provider of specialised machinery solutions for various industries including quarrying, recycling, construction, demolition, and waste management. Active throughout the UK, the company is dedicated to delivering solutions that meet the specific needs of its clients, providing them with the right tools to tackle any job at hand. The Screencore range of mobile screens, crushers, trommels, stockpilers and other equipment is seen as the perfect complement to the Orba Group's existing ranges of equipment.

Orba Group Ltd managing director Barry O'Regan says, "I have a passion for supplying the best equipment and get great satisfaction when customers are happy with the product purchased, and the Screencore product range is one that will provide the ideal solution for my customers. Successful outcomes, and having customers be able to count on me, play a major part in my day to day operations, so, as with Screencore, by paying attention to the detail from the outset, we aim to eliminate problems, and make the whole process of buying and selling open and transparent.

"Orba Group's team of experienced professionals is dedicated to providing innovative and effective machinery solutions that help businesses operate more efficiently and effectively. Whether it's a new installation, or upgrading an existing one, Orba Group is committed to providing a tailored solution that meets each client's unique needs and requirements. Working hand in hand with Screencore will enable us to deliver the right solution to tackle any problem."

The full range of Screencore equipment in the UK is now available from Orba Group Ltd.

45 WORLD PREMIÈRES

The focus of the Wirtgen Group and John Deere at bauma is to help customers become more efficient and profitable through smarter and safer construction equipment, innovative technology solutions and application processes.

The companies at bauma will showcase a range of concrete solutions developed to support and assist the industry in overcoming the challenges of the skilled labour shortage, stringent quality requirements, project documentation and efficiency under the motto for the show: 'Smarter. Safer. More sustainable.' Smart, safe and sustainable solutions are in greater demand than ever before. These machines, technologies, and digital solutions are being presented in three segments, with the focus providing end to end solutions for construction projects, ranging from planning to documentation and statistical analysis.

Four world premières

The booth's 'Technology Zone' will feature the 'John Deere Operations Center' for construction, with the centralised platform displaying digital solutions for the management of jobsites. In addition, visitors get the first chance to see the 'Wirtgen Group Performance Tracker' for paving, compacting, recycling and crushing. Thanks to relevant performance data, these new solutions – and the already known WPT milling – aim to provide a continuous overview of progress in all processes and can also document the work carried out by each individual machine. Performance data helps customers make fact driven decisions that enable them to optimise machine utilisation rates and productivity and derive reference values for planning future projects.

Smart production systems

Production systems include the right procedures and digital systems for an application and the ideal combination of machines. On a walk along the Technology Zone, visitors will see exhibits including machine trains for paving with reduced temperature asphalt, soil stabilisation and materials processing.

The main focus will be the 'Production System for a Construction Site with Zero Local Emissions,' which has been nominated for the 2025 bauma Innovation Award in the category 'Climate Protection'.

Thanks to the battery powered cold milling machine, road paver and roller, road construction contractors now have access to an end to end production system that enables the realisation of road construction projects with zero operating emissions. Solutions from a single source also mean high operational reliability and coordinated processes in all machines and telematics solutions. This also applies to the digitalisation and automation solution 'Smart Automation in Roadbuilding', which is one of the three contenders for the bauma Innovation Award in the 'Digitalisation' category. During asphalt removal and paving, this innovation enables the automated realisation of predictable results with high quality and fewer resources in terms of material and specialised personnel.

World premières

The motto of the group's presence at the show, 'Smarter. Safer. More Sustainable', is reflected in the world premières and innovations being presented by the specialised product brands of the Wirtgen Group. For instance, Wirtgen will be celebrating the first public appearance of its most powerful large milling machine, the W 250 XF, and the entire generation of new wheeled cold recyclers and soil stabilisers. Vögele has expanded its 'Dash 5' generation in all performance classes; for example, with the first Super 1803-5 X-Tier wheeled paver or the MT 3000-5 material feeder. In addition to the new HD 10 – HD 12 G-Tier and HD 90 – HD 110 P-Tier tandem rollers, Hamm will present a range of further models for automated compaction, including the HC 130i C VA compactor.

In the future, Kleemann will be offering the first 'PRO' line screening plant for the materials processing sector. This new plant will be used primarily in the processing of natural stone. When it comes to Benninghoven, visitors can look forward to taking a closer look at the 'Multijet' burner generation, which is designed to use of 100% green hydrogen as a fuel. Together with Ciber technologies' continuous asphalt production, the Wirtgen Group is able to offer a full spectrum of cost efficient solutions for asphalt production. John Deere rounds off the machine exhibition with a cross section of products for the construction industry including compact track loaders, motor graders, wheel loaders and dozers.

Live shows

For the first time in its bauma history, the Wirtgen Group will present live shows featuring products from all the group's brands at booth FS.1011. The presentations, narrated by specialists from the Wirtgen Group and John Deere, will provide detailed information about individual smart machines, digitalisation and automation technologies to help drive process reliability and minimise materials usage. Visitors will be invited to join the presenters as they share additional information on the group and its industry solutions.



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Hilti DSW 5030-CA

Hilti has an extensive portfolio of diamond wire saws designed to tackle a wide range of applications in various industries. Nevertheless, some challenges require even more power. Tasks such as subsea cutting, hydro dam dismantling, or decommissioning steel structures require a solution that could not be fully realised with existing tools, including large quarry wire saws. Although these quarry solutions are powerful, they are not optimised for the large scale of civil and offshore environments.



The powerful tool for demanding cuts

To bridge this gap, Hilti has introduced the DSW 5030-CA wire saw, a diamond wire saw that is said to combine industry leading power and wire capacity with the ease of use Hilti wire sawing tools are renowned for. The DSW 5030-CA delivers 50kW of cutting power and has 30m of wire storage, making it capable of handling even the largest cuts with high levels of efficiency. Its high start torque provides reliable performance in the most demanding applications, which Hilti says overcomes challenges where other tools fall short. The DSW 5030-CA can operate on both 63A and 125A power sources, achieving 37kW and 50kW of power respectively.

Ease of operation is a cornerstone of Hilti tools, and the DSW 5030-CA is no exception. The compact wireless remote control uses 'CutAssist' technology, a feature designed to support operators by automatically adjusting power and wire tension. By aligning these parameters with the amount of wire storage in use, the system is designed to optimise performance and efficiency in real time. This enhances both precision and safety while allowing operators to focus on execution rather than constant manual adjustments.

Reliability and stability are critical for large scale cutting operations, therefore the DSW 5030-CA is equipped with a pneumatic wire tensioning system. The system minimises wire jumping and drastically reduces the risk of wire breakage due to high shock absorption. This ensures a consistent and stable cut, even under the most strenuous conditions to provide an uninterrupted workflow on demanding projects.

Completing the portfolio

The Hilti DSW 1510-CA and DSW 3018-E wire saws have long been trusted for their exceptional performance across most wire cutting applications. The DSW 1510-CA offers compact design and innovative technology for precise, efficient cuts, while the DSW 3018-E delivers heavy duty power for demanding tasks. Now, with the introduction of the DSW 5030-CA for the toughest applications, Hilti completes its portfolio, ensuring there's a solution for every project. Whether precision or power is the user's priority, Hilti says its wire saws provide the performance and reliability needed to get the job done.





METSO TO BRING A STRONG TEAM TO BAUMA 2025

Metso will present its latest innovations, technologies and offerings for the aggregates industry at the bauma 2025 international construction machinery trade fair taking place between 7 – 13 April 2025, in Munich, Germany.

"After a hiatus in 2022, we are thrilled to be part of bauma 2025. This event is a fantastic opportunity to showcase our latest innovations and sustainable solutions as well as demonstrate how Metso's cutting edge technology can drive customers' productivity and efficiency in the aggregates industry. We look forward to engaging with our partners and customers to shape the future of our industry together," says Renaud Lapointe, president, market area Europe and Central Asia at Metso.

This year marks a notable milestone for Metso as the company celebrates the 40th anniversary of the 'Lokotrack' mobile crushers. This will be highlighted at bauma and all Metso's events and trade shows throughout 2025, with the company celebrating this achievement with its customers, partners, and industry peers.

Discover the latest innovations

The Metso booth at bauma will be featuring, among other things, mobile crushers and screens, including the latest updates on the current Lokotrack and 'Nordtrack' track mounted crushers and screens ranges. The company will be introducing the new 'EC' range models alongside the 'Build Your Own' tool, which enables the customisation of a Lokotrack EC jaw or cone crusher.

The Metso HRC 8 Crusher, designed to transform quarry waste streams into valuable, sellable materials such as manufactured sand, and screening solutions that uses technology ensuring optimal screening performance precise material separation, easy maintenance and maximised productivity will also be on show. Furthermore, Metso will demonstrate how it continuously develops digital solutions which keep operations running smoothly and efficiently. Metso states that with its intelligent instruments and software solutions, the user gets more out of the process with less, thus enabling more profitable, efficient, and sustainable production.

Finally on show will be Metso's quarry solutions which are tailored crushing and screening plants, with pre-designed modules and portable plants, which are said to be ideal for one to two years of crushing operations in one location. Likewise, slurry handling features advanced slurry handling and classification solutions for aggregates including pumps, hydrocyclones, valves and hoses designed to maximise efficiency, reduce wear, and improve uptime.

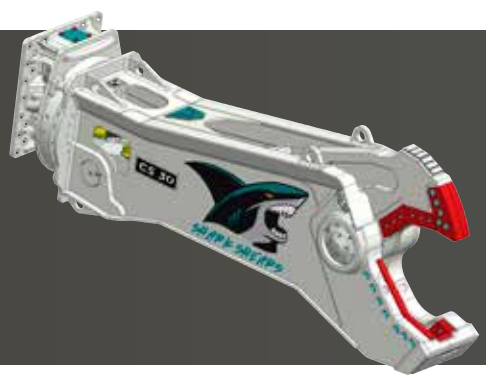
www.metso.com

New 'Shark' shear from Trevi Benne

The new Trevi Benne hydraulic Shark shear is set to be revealed to the public at bauma. The Shark features a slim and attractive profile, designed to protect the cylinder. Two Parker motors and a regenerative valve are designed to make it extremely fast. The evolution compared to the previous 'Marilyn' version lies in the APEX geometry, and the design of the blades, optimised for cutting metallic materials. The new shear is said to deliver increased cutting efficiency that reduces the effort required to cut hard materials, has uniform blade wear which distributes better cutting forces, increasing the cutting edges lifespan, and delivers improved material control which minimises the risk of metal pieces getting stuck or deforming during cutting.

The Shark shear will be exhibited at bauma in Hall 5, Booth 503.

www.trevibenne.com





Kleemann increases performance and quality through different plant combinations

With a daily material throughput of up to 4,000t, Kleemann plants have been processing demolition material for many years in a professional manner in the Spanish capital. The different plant combinations provide flexibility combined with quality and a high output.

The plants are deployed in different combinations according to the requirements on the large Recicam recycling site in Madrid. The 'Mobicat' MC 120i Pro jaw crusher combined with 'Mobirex' MR 130i Pro impact crusher forms a powerful team when it comes to processing large feed material. Together, these two machines process materials sizes of up to 1,200mm and deliver a final product of what is said to be excellent quality. The output on the site is up to 250t/h. The combination of jaw and impact crusher is used to produce final grain sizes of 0-20mm and 20-40mm, depending on the covering of the screening surfaces.

For heavily contaminated demolition material, the impact crusher is deployed in interaction with a 'Mobiscreen' 802i Evo scalping screen. In the process, 260t/h passes over the screen, a third of which goes into the crusher, while the rest is used to build drainage systems. The demands made on a total of eight Kleemann machines are high in terms of capacity, with the plants processing up to 4,000t of material a day.

'Spective Connect' provides a good overview

All crushing plants are equipped with Spective Connect, which enables simple operation and monitoring. This means that important machine data can be accessed in real time without having to leave the plant repeatedly and irrespective of where the operator is on the site. If something related to production capacity or plant consumption changes, immediate action can be taken.



The impact crusher Mobirex MR 130i Pro in combination with the scalping screen Mobiscreen MSS 802i Evo for particularly contaminated demolition material.

Product quality at a glance

The Kleemann impact crusher is equipped with magnetic separators and wind sifters to achieve maximised purity and produce what is said to be a high quality final product. These also remove ferrous foreign materials and lightweight materials such as wood and plastic. This increases the quality of the final product as shown by its consistent cubicity and purity of the material.

Overall package is convincing

For Recicam managing director Juan Manuel Camacho, the decision in favour of Kleemann went beyond the technology itself. "Of course the machines are powerful and efficient, but what really convinced us was the total package. We feel very well looked after locally, it's easy for us to get hold of spare parts, and in production, the costs per ton are unbeatable. The plants are intuitive to operate, well designed and very robust, key factors when you consider that we process thousands of tons of material here every day."

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An array of new

MOBILE CRUSHERS AND SCREENERS

Here's the latest news from the world of mobile crushing and screening equipment. Many of these developments will be seen for the first time at bauma 2025.

There are quite a number of new mobile crushing and screening developments being released right now. The best place to see many of these will be at bauma. In this special feature we take a look at some of the latest.

TANA Oy expands its operations to Argentina

TANA Oy, a leading Finnish environmental technology company, and Covema SACIF have signed a distribution agreement to offer TANA recycling machinery and landfill compactors to customers in Argentina. By combining TANA with Covema SACIF, the aim is to drive efficiency, sustainability, and value for money across Argentina.

www.tana.fi

Sandvik unveils latest electric crushers and screens

The new QH443E from Sandvik features an updated tracked platform with a diesel/electric generator based drivetrain, the 'Optik' automation system, 'My Fleet' remote monitoring, and the CH440 'Hydrocone' crusher. The cone crusher is designed to deliver versatility and ease of setting adjustment through its 'Hydroset' CSS and protection system. With a choice of several chambers, throws and settings for a wide range of applications, this enables the user to fine tune specifications and improve capacity. Running the QH443E via the onboard genset is said to result in up to 25% fuel savings and a 78% reduction in oil usage compared to previous generations. The QH443E is designed for secondary or tertiary crushing in aggregate production, quarries, and mines.

www.sandvik.com

ARJES 'Compaktor 300'

The 'Compaktor 300' is said to be valued by companies in the construction and demolition industry. It is designed to be a flexible and compact two shaft shredder which has a total weight of approximately 15t. Its versatility is demonstrated by its ability to process a wide range of materials including construction waste, concrete, wood, commercial waste, rubber, tyres and even aluminium. The processing capacity varies depending on the material and ranges from 5t to15t/h for commercial waste to 80t to 100t/h for construction and demolition waste. Based on the experience of customers and dealers, technical changes have been made in recent months which can be inspected at bauma.

www.arjes.com

Zemmler MS 3200

The Zemmler MS 3200 double drum screener has a screening capacity of up to 60m³/h, a screening drum length of 3,200mm and a screening surface of 18m². Thanks to interchangeable wire screens (2mm to 80mm) and the option of converting the plant from a two fraction to a three fraction system in minutes, the MS 3200 is designed for flexibility. The electric drive delivers energy efficient operation, while the optional diesel drive provides additional versatility. With a loading





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height of 2,500mm, it can be loaded by excavators and wheel loaders, while the two axle central trailer chassis (80km/h, StVZO compliant) provide high mobility. The MS 3200 has numerous options such as extended belts, an optional coarse fraction belt or Hardox wear protection equipment for a wide range of applications.

www.zemmler.de

Rockster R 1000

Rockster states that its R1000 tracked impact crusher is equipped with a powerful circular vibrating screen, a double functional return or stockpile belt, and a hydraulically height adjustable magnetic separator. A built-in air blower separates light materials such as paper, wood or plastic, resulting in a clean and high quality cubic end product. The central machine control with automatic monitoring and an intuitive colour display, which offers quick start functions and presets, are designed to be user friendly. In addition, the engine compartment is designed for easy access, easy maintenance and service.

www.rockster.at

New EuRec two shaft shredder

EuRec will be presenting its latest twin shaft shredder at bauma 2025. With a total weight of around 50t, the machine is purpose designed for slow speed shredding. The extremely solid construction and powerful shredding system enable the efficient processing of particularly resistant materials such as broken concrete and concrete railway sleepers with reinforcing steel, as well as old vehicles and scrap metal. Additionally installed separation technology ensures the targeted separation of ferrous and non-ferrous material after the shredding process. Despite its impressive size, the machine remains mobile and ready for use on any terrain thanks to the standard crawler track system.

ARJES, Zemmler, Rockster and EuRec will exhibit jointly at bauma and will be located at the Outdoor Exhibition Area FS. 1212/2

Keestrack tracked mobile aggregates, recycling and mining processing equipment

The first of Keestrack's new developments is the 'R2' which has been designed to complete Keestrack's product range of impactors. The R2 is designed for ease of operation within city centres where high flexibility and mobility are essential. With the 'Zero' drive, a full electric plug in drive version, without any combustion engine onboard, Keestrack aims to provide the ideal solution. The new impactor has a capacity up to 150t/h. The hopper (3m³) with integrated vibrating feeder (3,300mm x 810mm) and pre-screen (1,250mm x 810mm) has an asymmetric design to feed material into the inlet (860mm x 730mm) which is equipped with a replaceable entry beam. The rotor, with a width of 840mm and a diameter of 920mm, is made of Hardox steel. The rotor has the same design concept as the larger R3, R5 and R6 and is designed to minimise wear. Rotor speed can be adjusted by a hydrostatic drive to finetune the desired grain size, whilst the impact aprons can be serviced from the top for easy service and maintenance.

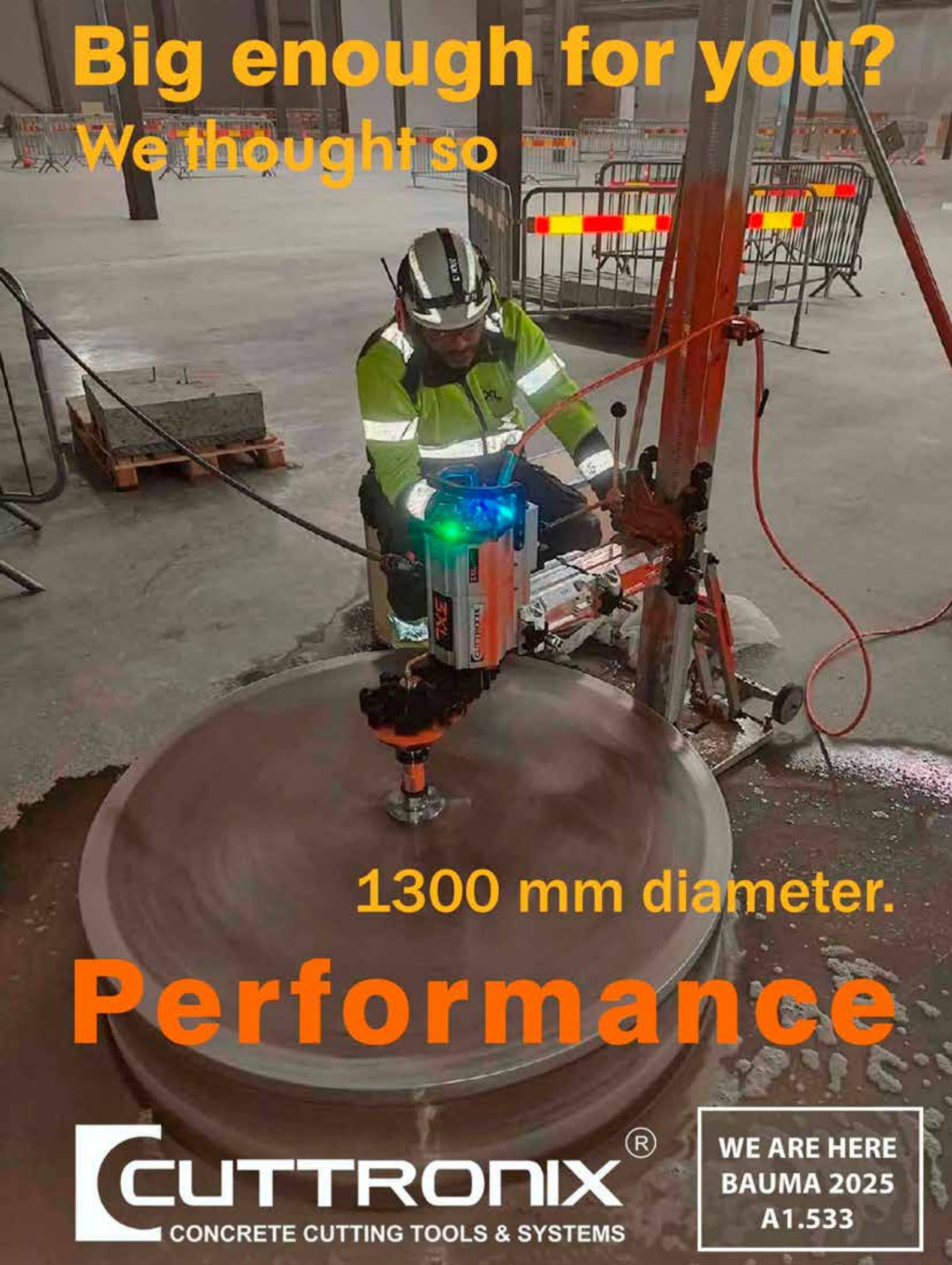
Keestrack will also introduce its new triple deck classifier to complete the product range for high capacity precision screening. The 'C7', said to have a capacity up to 600t/h, is equipped with a triple deck screen box of 5,450mm x 1800mm with interchangeable screen meshes, which can be changed quickly. It is specifically designed for accurate and high capacity precision screening for sand and aggregates. The walkways on each side of the screen box provide service and maintenance access. It has no support legs for quick set up times.

Keestrack has added its first tracked shredder, the 'P3', to its product range. The compact twin shaft shredder is equipped with two heavy duty axles that can easily be changed. In different setups, the shredder can








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be used for various applications such as construction waste, mineral waste, biomass, green waste, logs and roots, waste wood, industrial and household waste, plastics, light metal waste, tyres etc.. Weighing 14.5t, it features a tillable loading platform for feeding and has a feed opening of 1,589mm x 1,200mm with a shaft diameter of 700mm. Torque of 90,000Nm per shaft provides power of 180,000Nm. Shaft speeds are 45rpm and 25rpm, with the rotation varying according to the program selected. The shredder features an automatic release system by reversing the direction of rotation and is available with options such as a magnetic separator, remote control, after screen, working lights and a fuel pump. Equipped with the new Deutz TCD 5.2 L4 engine, it meets all EU Stage V and US EPA Tier 4 and is able to run on ecological biodiesel.

New heavy duty jaw crusher

Keestrack's new 'B5' is available in three drive versions: conventional diesel/hydraulic, hybrid plug in and 'Zero' full electric drive. It is a compact heavy duty jaw crusher designed for primary crushing in quarrying and mining. The 5m³ hopper has heavy duty folding hopper walls with a hydraulic locking system and is designed for loading by an excavator or wheel loader. The vibrating feeder (2,300mm x 1000mm) automatically adjusts the feeding material to the crusher to ensure the load capacity is optimal (80%). The long independent double deck pre-screen (2,300mm x 1,000mm) provides high crushing capacity while reducing wear of the crusher. The pre-screened fraction(s) can go through the crusher bypass or can be separately stockpiled by the optional side conveyor.

The jaw crusher has a feed opening of 1,110mm x 750mm and a feed size up to 600mm. The stroke of the swing jaw can be adjusted for hard stone or recycling applications. To remove blockages the jaw movement is reversed. The closed side setting (CSS) ranges from 45mm to 180mm, even on worn jaws. The hydraulic gap settings can be changed via a wedge system. Maintenance and repairs are facilitated by the design of the accessible walkways, doors and panels on all sides of the machine. Also, the hydraulic sliding frame provides service access under the feeder and scalping unit. The jaw crusher has three piece cheek plates which make replacements easier. Replacement of the jaws is said to be fairly simple due to the accessible jaw plate top locking system.

Keestrack will be located at bauma at Booth FN 1016/9.

www.keestrack.com

EvoQuip celebrates its 1,500th machine

EvoQuip has announced the production of its 1,500th machine, a 'Bison 280' jaw crusher. This is a compact and aggressive portable jaw crusher featuring the Terex 900mm x 600m single toggle jaw crusher. It uses what the company says is an extremely fuel efficient and powerful direct drive system to power the crusher, which is designed for performance in the recycling, contracting and quarrying industries. Its compact size, quick set up times, ease of transport and user friendly control system are designed to provide a solution for small to medium sized operators.

www.terex.com/evoquip

Dragon Equipment's mobile recycling revolution

Dragon Equipment, a UK based company, has introduced a range of compact, yet powerful crushers, designed and built in Suffolk and shipped worldwide. The CR300 crusher boasts a 700mm width and weighs 785kg, making it ideal for small to medium projects. The machine is designed to transforms waste rubble into reusable aggregate onsite, thereby eliminating costly haulage and promoting a circular economy. For larger demolition projects, the CR400 crusher offers increased capacity while maintaining a compact footprint. At the top of the range, the CR450 diesel crusher is engineered for projects where maximum productivity is essential, delivering robust performance in demanding environments. These mobile crushers have been designed to dismantle recycling barriers by dramatically reducing transportation costs as onsite crushing eliminates the need for expensive haulage to offsite facilities. This also enhances material reuse, turning waste into valuable aggregate on the spot, supporting sustainable practices.

www.dragon-equipment.co.uk

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In the demanding field of demolition, machine operators face numerous risks that can lead to serious accidents, such as crashes, explosions, ricochets, and flying debris. Ensuring the safety of these operators is paramount. This is where Hammerglass OPERATOR GUARD comes into play, offering comprehensive safety solutions tailored to real-world situations.

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This solution offers substantial benefits to machine owners by eliminating the frequent need to replace damaged panes, significantly reducing maintenance costs.

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A new generation of cordless power cutters

For the first product launches of the year, Hilti is presenting a new generation of cordless power cutters, the DSH 600-22 ATC and DSH 700-22 ATC. These machines are designed to combine high performance with improved safety and deliver the same power as petrol powered alternatives, but without the fuel handling and extensive maintenance.

Advanced safety with 3D 'ATC' and fall protection

Safety is a central part of the design and both new models are equipped with 3D Active Torque Control (ATC). This built in kickback and kickback protection technology is said to minimise the risk of kickback, while a fall protected disc brake ensures that the blade stops in less than a second, further increasing user safety. In addition, the DSH 700-22 3D ATC is adapted for working close to the floor thanks to its rear handle, which provides better ergonomics and control when cutting at ground level.

Longer runtime and high productivity

The DSH 600-22 ATC and DSH 700-22 ATC are part of Hilti's 'Nuron' platform. Thanks to the efficient combination of Nuron batteries and optimised diamond blades, users are said to be able cut up to 30% longer compared to a full tank of fuel without having to stop for refuelling or servicing a petrol engine. The smart battery technology also provides integrated diagnostics, helping to plan and manage the tool fleet more efficiently.

Be efficient and safe with the right accessories

To minimise dust exposure and ensure the highest possible health and safety, both cutters can be used with the 'DSH-DRS' dust management system and DWP 15-22 water tank, which together minimise dust and improve the working environment. They are also compatible with the 'DSH-FSC' floor saw carriage, which provides increased stability during longer cuts. In addition, Hilti has developed a new 300mm diamond blade, optimised for cordless cutters and designed for maximum performance.

Tele Radio to reveal trailblazing product line at bauma 2025



The 2025 edition of bauma will mark an exciting step toward the future for Tele Radio. From the 7 to 13 April, at the exhibition centre in Munich, Germany, Tele Radio is set to reveal a new product line that aims to push the limits of flexibility, connectivity, and protection. More details will be revealed in the weeks leading up to the event.

Ola Samelius, CEO at Tele Radio Group, said: "bauma will signify an important step towards Tele Radio's future. A number of innovative technologies will be added to our product suite, making it even more useful to our end users and the challenges they face every day. Moreover, we proudly put the spotlight on the safety improvements we made to our 'PAQ' Line. We consider safety paramount and will never give up pushing the boundaries of what is possible in this field."

Along with its sister companies, Åkeströms and Sistematica, all sailing under the Allgon Group flag, Tele Radio will be present at booth A2.127 of the 2025 edition of bauma, the world's leading trade fair for Construction Machinery, Building Material Machines, Mining Machines, Construction Vehicles, and Construction Equipment.

Another milestone, celebrated by Allgon Group at bauma 2025 lies with combined strength, as for the first time since Allgon Group acquired Sistematica last year, the three brands – Tele Radio, Sistematica, and Åkerströms – will be shown side by side. For each brand, the exhibition creates an opportunity to showcase its unique approach to innovation within the remote control technology industry.

Tele Radio Group is a multinational company that develops, markets, and supplies universal wireless remote controls and tailor made wireless solutions for industrial purposes. Its products contribute to a more efficient and safer work environment. The company was initially founded in Lysekil, Sweden in 1955, and has since developed into an international corporation with headquarters in Gothenburg and over twenty subsidiaries across Europe, Asia, and the Americas.

www.tele-radio.com

REMU TO UNVEIL INNOVATIVE CRUSHER BUCKET

Remu, the Finland headquartered excavator attachment manufacturer, has launched new product range to its portfolio: crusher buckets. These are designed to revolutionise processing especially in construction. Manufactured inhouse with premium Hardox steel, powered with Rock-Zone technology, these durable and efficient buckets crush rock, concrete, and asphalt, enabling users to recycle materials directly onsite.

With growing demand for construction solutions, Remu's crusher bucket addresses industry needs by reducing waste and lowering operational costs. The bucket's robust construction, low maintenance requirements, and versatile functionality make it an asset to any contractors looking to enhance efficiency and sustainability. By allowing for onsite material reuse, the crusher bucket streamlines workflow. With a focus on quality and innovation, Remu aims to continue to provide advanced solutions that optimise job site productivity.

About Remu

Remu is leading manufacturer of excavator attachment manufacturing. Based in Europe, but with a firm foothold in North America and Australia, the company provides high quality products for material processing with a product offering that includes innovative earthmoving attachments such as screening, crushing, and padding buckets.

Besides material handling attachments, Remu also manufacture pontoon undercarriages for excavators to enable dredging and excavation work in the most challenging of environments.

The company HQ and factory is located in the small town of Ähtäri in Finland, being established in 1997. With subsidiaries in Florida, USA (warehouse in Texas) and Sydney, Australia (warehouses in Brisbane, Perth, Sydney), the company aims to offer the best quality service to its clientele.

Remu will be exhibiting at bauma, 7-13 April 2025, and will be located in Hall B5, Stand 408. Remu invites interested parties to see the new jaw crusher as well as screeners designed for material processing needs at the stand.

www.remu.fi









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bauma
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New generation Sennebogen telehandler

The 6t 360 G telehandler belongs to the new machine generation, the 'G Series'. The speeds of the work functions are said to have been improved by up to 50%, and has a completely redesigned cab, which boasts a new operating concept. As with all machines of the new generation, special attention has also been paid to further optimising service friendliness.

With its robust steel construction and compact dimensions of 5.79m long and 2.55m wide, the 360 G has a stacking height of 8.5m and lifting capacities of 6t. With a wheelbase of 3.31m and an operating weight of 12.5t, it is designed to stand securely with a low centre of gravity. The telehandler is equipped with a heavy duty axle as standard, making it particularly suitable for heavy loads. In addition, the design of the boom ensures that the body can optimally absorb forces that occur. This also ensures reliability and durability in the demanding multi shift operation that is common in industrial applications.

The 360 G is equipped with a modern 123kW stage V diesel engine. The traction drive is supplied with power at all times thanks to the coordinated diesel engine and hydraulic pump unit. Due to the intelligent control system, the drive motor automatically ensures the optimum setting for the system. During rapid road travel at maximum driving speed, the engine speed is reduced automatically.

The new cab of the 360 G has an operating concept that is designed to adapt to the operator. A central touch display replaces conventional toggle switches and allows intuitive settings to be set. It is said to offer excellent protection from noise and vibrations, providing excellent visibility whilst ergonomically arranged, swinging controls ensure an optimum working environment. The cab has a viewing height of 4.25m and provides 360º visibility.

With the new, more powerful machine size, Sennebogen is primarily targeting customers from industrial, material handling and recycling sectors. A wide range of attachments, from buckets to hydraulic or mechanical pallet forks, can be operated at the touch of a button or can work in trailer mode. Like all Sennebogen machines, the 360 G can be configured to suit operating conditions with a selection of equipment options being extensive.

KEMROC AT BAUMA 2025

Kemroc will be exhibiting at this year's bauma with exclusive and innovative solutions for rock cutting and soil stabilisation. At its booth, the manufacturer will be showing a large sample from its current product range in this, their anniversary year.

Innovative machines and processes for demolition, construction and foundation engineering are Kemroc's core competencies and have been for 25 years. The German manufacturer of hydraulic milling attachments for excavators will be celebrating its anniversary in front of an international audience with the slogan, '25 Years German Rock Cutting Solutions'. At bauma 2025, the company will be exhibiting at booth FN.1017/8 in outdoor area North. Hovering over the booth and visible from afar, will be the familiar large orange balloon with the Kemroc logo.

Under the balloon, demonstrations will be taking place, accompanied by the well-known German TV presenter Jan Kunath. The main action will be on the left hand side of the exhibition stand. Here, a crawler excavator will alternate between a chain cutter attachment, a bullhead milling attachment and a diamond saw attachment from the current range designed for demolition and construction applications. The patented chain cutter is a cutter chain with carbide tipped teeth that runs between two cutter drums. This allows the attachment to excavate trenches in soil and rock to exactly the required width without leaving a ridge in the space between the two cutter drums which the excavator operator must remove with sideways movements.

The 'EKT' range of drum cutter attachments is designed with a distinctive feature: they can be retrofitted with a cutter chain if required. The 'KRC' range of bullhead milling attachments, with their cutter drum heads arranged at angles to each other, produce an almost complete milling pattern when penetrating rock and soil without being fitted with a central cutter chain. A model from the 'KDS' range will also be shown working on the crawler excavator. The diamond saw attachments can cut through rock, concrete, plastic, wood, and aluminium. When used in conjunction with rotation modules from the 'KRM' range, which will also be on demonstration, the milling attachment can correctly align for the application at hand.

At the centre of the booth, Kemroc will be exhibiting other models. Visitors can test, view and compare these attachments at close range. In addition to models from the KRC and KDS range, there will also be an attachment from the 'DMW' range of cutter wheels. These attachments, fitted with double motors, can cut hard rock and reinforced concrete with high production rates. Also on display will be examples from the 'KR' range of rotary drum cutters with helical gears. These have been designed for use on short boom excavators working in confined spaces, such as in tunnelling, as well as for low vibration and low noise demolition of reinforced concrete structures.



At bauma, Kemroc will also be presenting itself as an innovative manufacturer of hydraulic motors, designed and manufactured inhouse specifically for use on Kemroc attachments. Compared to motors from other manufacturers, they are said to have a higher flow rate, are more compact in design and generate higher torque.

The right-hand side of the Kemroc booth will contain exhibits from the Kemsolid division with attachments dedicated to foundation engineering. This includes exhibits of the 'KRX' range of power tool drives comprising of attachments for milling, drilling, and mixing covering a wide range of foundation engineering applications. The core offering here being the 'KSI' process for soil stabilisation (Kemsolid Soil Injection). In this process, a standard excavator uses a mixing attachment capable of milling, mixing, and injecting (FMI process) to descend into the soil with a cutter chain while mixing the soil with an injected binder suspension. After hardening, the soil is transformed into a homogeneous, dense, stable, load bearing earth based concrete structure. KSI mixing attachments are used for soil waterproofing and soil stabilisation applications as required in road building projects.

On display for the first time at bauma 2025 will be the KSI 16000 Twin which is a soil mixing attachment with a double blade and a modular mixing depth of up to 8m. This is particularly suitable for soil consolidation in the construction of new or upgrading existing high speed railway lines.


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The new Sennebogen 830 G to be launched at bauma

The new 830 G is a versatile material handler suitable for many applications and uses. The machine has many new features, including the new 'Maxcab' comfort cab, the 'SENcon' control system and has a machine design that has been optimised for efficiency and service friendliness.

With its 38t operating weight and 17m reach, the new 830 G series is designed to be a medium sized material handler, and an all-rounder for many areas of application. Depending on the configuration, it may be used in scrap handling, recycling, timber handling or at a port. With its modular design, the 830 G can be equipped with crawler or mobile undercarriages with or without a pylon, as well as with equipment lengths from 14m to 17m and various grabs or other attachments such as vacuum traverses. Other options include a compact boom, a curved banana boom for greater reach depth or a ULM stick variant – i.e. equipment with a special deflection mechanism for sorting grabs – for the boom itself. Thanks to its intelligent and robust machine design, the 830 G can cope with demanding continuous operation in challenging working environments, such as extreme weather, dust or heat.

Improved payloads, less fuel consumption

The modern control technology of the new G series impresses has been designed for responsive behaviour. In addition, the working cycle is coordinated so that combined or overlapping movement of the machine is simple and work processes can be carried out quickly and precisely. In addition, the load capacity of the 830 G-series has been significantly improved, so that the material handler can now lift an up to 4.3t at a 15m radius in the version with mobile undercarriage. This means that the 830 G not only lifts more but also achieves a correspondingly higher handling capacity with the right attachment.

With the 186kW Stage V diesel engine built in, the material handler is said to operate in an efficient and environmentally friendly manner. The engine, which like all Cummins Stage V engines can be operated with HVO, runs at a speed of 1,725 rpm, which keeps both fuel consumption and noise emissions of the machine low. In addition, the engine can also be operated in eco mode. Large, dimensioned lines and optimisation of the multi circuit hydraulics are designed to ensure that the pump system is relieved and maximum efficiency is achieved. The 830 G is therefore particularly efficient and resource saving, being said to save 18.5t of CO_2 per year compared to the previous model.

Maximum operator comfort

In addition to efficiency, the new 830 G focuses has been designed for the operator, who will particularly benefit from the completely redesigned 'Maxcab'. The standard cab elevates to a 5.80m visual height (6.60m is possible as an option). The seat is air conditioned and air suspended, providing many individual adjustment options for maximum ergonomic working. The cab can be optionally equipped with a modern comfort audio system. This not only provides a high quality communication system, but also operates 'Active Noise Cancelling', which means that noise entering the cab from outside is reduced by up to 50%. The new automatic air conditioning system and a total of 10 built-in air vents provide a comfortable temperature all year round.



Another particularly convenient and safe feature is that there is no battery disconnect switch, and the machine is de-energised by removing the key from the ignition. The cab also offers other features, including charging sockets for smartphones, an integrated cool box and a radio with hands free function as well as Bluetooth and USB functions.

Another feature is 'SENcon', Sennebogen's latest control system. This has many new, intelligent functions, which can all be controlled intuitively via a single touch display in the cab. It is designed to be highly customisable from individually created driver profiles to the assignment of individual functions to buttons or switches. There are also various useful assistance systems that support the driver's daily work and prepare the machine for partial and/or full automation. The communication capability of the material handler is said to ensure that the driver is informed about the machine status and performance and can therefore make decisions based on real data. Connection to the 'Sennebogen Troubleshooter' and remote maintenance options for customer service are designed to reduce onsite service calls, increase availability and save money. Additionally, the fleet operator also receives a large amount of data that can be used for predictive maintenance and performance optimisation. Software updates are conveniently available 'over the air'.

Maintenance of the 830 G has also been further optimised and made particularly service friendly. This includes clear and simplified access to all maintenance and service points, such as the central electrical distributor and the central lubrication system, which are designed to make day to day maintenance easier. Refuelling can also be carried out conveniently and safely from the ground.

The premiere of the 830 G will take place at bauma 2025, being exhibited and demonstrated at the Sennebogen booth in the outdoor area FM.712, Messe München.

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A NEW CONCEPT TAKES SHAPE

When developing the MDU3, the product development team at Tractive AB knew that whatever type of core drill they would design, it would be compared to the 'MDU NTGRA'. Therefore, it needed to be better. A new concept took form with the aim of challenging the core drill market with regards to power, speed and durability.

Patented, integrated auto feed

Pentruder has a patent for its integrated automatic feed for core drills. "Not having a separate feed unit for the drill motor is a great feature. It's more convenient for the operator and it also enables direct communication from the main motor to the auto feed software so that the auto feed can react extremely fast. We are talking about nano seconds. This direct communication is a must if you want auto feed for a core drill to work as well as possible and be more similar to a wall saw in how it interprets the information and controls the reaction, all in order to reach highest possible efficiency without 'glazing' the drill bits. The goal has been to make the auto feed 'hands off', and we believe we've succeeded," says Kristoffer Johnsen, who runs the technical side of the company. The MDU3 will also be available without auto feed.

Three capable models

The MDU3 is built on a new concept with drop gears, creating three different MDU3 models. Each model is in itself very capable with the same high power and a wide range of speeds. The concept with changing drop gears is new and unconventional, and inspired by the Tractive motorsport transmissions, the other product range of Tractive AB. "It is like three in one machine. A small concrete cutting company with one or just a couple of operators can get the MDU3 model which will suit the majority of their projects and change drop gears to make their machine suit other sizes of drill bits if needed. No need to invest in another machine or turn a job down because their equipment cannot handle the challenge," explains Tractive's Marie Peil. "The MDU3 might at first sound like a machine for the special jobs given its high power, but we would say that it isn't. It is a machine which is developed to be really efficient for the everyday type of jobs, but when there are surprises at the job site, as we all know there will be, the operator can trust that the MDU3 will deliver," says Kristoffer.



Wall saw technology – 'totally over engineered'

To make the MDU3 really durable, the technology and principles of the Pentruder RS2 wall saw have been taken into a core drill. The light weight torque motor is said to have high levels of efficiency and power output. An electronically monitored slip clutch provides durability, and the electronics build is stated to be of the highest quality possible and well proven. "It is totally over engineered, but it's worth it," says Kristoffer.

Features for ease of operation

The MDU3 features a quick change coupling for the drill bit which customers of the MDU NTGRA are said to know and appreciate for durability and practicality. The easy to use Pentruder app makes it possible for the



operator to monitor spindle speed, load, update the machine with new firmware on the jobsite and much more.

Testing complete

During the winter, the Pentruder MDU3 core drill has been put to test in several markets with great results. The test pilots in different countries are said to especially like the high power, wide speed range and versatility of the MDU3. "It's still impresses me with its power all through the register from low speed to high speed and it's maintaining the power even under heavy load," said the Swedish concrete cutting contractor Andreas Trönnberg on his Facebook page. Kjell Dackeberg from Akutt in Norway states: "The drop gear feature to change speed range, i.e. changing model, is so easy. I just put the drill motor upside down on the drill rig, wiped it off so it's clean, and took off the lid to change the drop gears."

Having finished the test phase, the MDU3 will be released to the market in March 2025, beginning in some parts of Europe.

www.pentruder.com





Made in Sweden since 1997

Since 1997, Pentruder products have been designed and manufactured in Sweden by Tractive AB, a family owned and operated company.

Pentruder began in 1997 but the Johnsen family has an even longer history in the concrete cutting business. Anders and Ingrid Johnsen have over 40 years of experience in the industry. Although Anders and Ingrid are still active in the business, everyday operations are run by the second generation, siblings Jenny Muda, Kristoffer Johnsen and Marie Peil. "We are so grateful that we get to do this together with our excellent staff, and that we can work in a different way than most larger companies. For example, we don't work with fixed or detailed budgets, have very few KPI's and no formal investment calculations. Our organisation and management system are all about trust," states Marie Peil.

For Tractive, long term thinking is very important, and the main goal is not to maximise profits. The Pentruder mission is to bring machines to the market which will contribute to making the everyday life of the concrete cutting operator easier. Another goal is to design and build machines which are made to be durable and produce value for their owners for many years. "I think that many of our Pentruder customers would agree that we've succeeded with this," says Marie. The management team at Tractive aims to send a strong signal to any worried Pentruder fans that there are a lot of goals for the future, and let's say it might look a bit different to other companies.

Investing for growth

"Although times are turbulent, Tractive has a very solid financial situation," says Jenny Muda. To meet the expected demand for the MDU3 as well as existing and other new Pentruder products, Tractive is investing heavily, and will at the end of 2025 finish a 4,400m² large extension of its premises to make room for more manufacturing machinery, an assembly area and stock of parts and machines.

"Many customers might not know that we produce almost all parts inhouse, and that we have a huge number of parts on stock, both for the MDU3, but also for all our machines. It is very important to us that our customers get spare parts when needed. Our focus is on building machinery which will be productive for many years and make the workday of the operator easier," says Elin Skantz, head of marketing at Tractive AB.

www.pentruder.com



Husqvarna Autogrinder 8 D is set to be an essential part of the team but at the same time can operate on its own.

HUSQVARNA CONSTRUCTION'S

first self-operating floor grinder

Husqvarna Construction is taking a big step forward in the treatment of concrete surfaces by launching the Husqvarna Autogrinder 8 D self-operating floor grinder at the Bauma trade fair.

In the early 1990s, a completely new sub-segment of the concrete industry came about, namely the method for grinding and polishing concrete surfaces. This was invented by Söderköping-based HTC Sweden, which became part of Husqvarna Construction in 2017. Husqvarna's DNA contains several industry-development-related milestones, including both the revolutionary planetary grinding system and remote-controlled grinding. Now the company is ready to take a new, revolutionary step with a self-operating floor grinder, a major paradigm shift.

Autogrinder 8 D – a loyal workmate

PDi Magazine is delighted and proud to be the first trade magazine in the world to announce that Husqvarna Construction will launch Autogrinder 8 D at Bauma 2025. "There are years of development work and rigorous field tests behind this new product, and now we are ready to release it to the world," says Stijn Verherstraeten, senior vice president at Husqvarna Construction. The self-operating Autogrinder 8 D floor grinder has been developed to free up the operator, and by pressing a few buttons, it performs grinding or polishing on both small and large concrete surfaces.

"With this machine, we say that the operator gets 'two workdays in one," says Gustav Berggren, global product manager for floor grinders at Husqvarna Construction, when PDi Magazine visited the company's development centre for surface preparation equipment in Söderköping. "The machine spends its working day performing its task, while the operator can spend his working day doing other tasks." The new model has been developed to eliminate the impact of short breaks and offer a continuous workflow that relieves the operator from the most monotonous tasks. When the machine is in Auto mode, its light shines turquoise, the universal colour for automation. "It's a loyal workmate that stays the course, doesn't take shortcuts, and does exactly as it's told," says Gustav Berggren. "It gives the operator a more rewarding workday."



The team that demonstrated Autogrinder 8 D when PDi visited Husqvarna Construction's facility in Söderköping. From the left: Gustav Berggren, global product manager for floor grinders; Caroline Thorell, global marketing manager, and Tomas Torvaldsson, global product specialist for floor grinding.

Focus on ease of use

When Autogrinder 8 D starts work, LiDAR scans the room and keeps track of the position of the machine. The operator sets the working area on the touch screen and then sets grinding parameters such as speed and rpm on the remote control. Autogrinder then starts working, freeing up the operator to do other things, such as grinding edges, vacuuming floors, applying chemicals and keeping an eye on the dust extractor. It is

also possible to control and fine-tune the floor grinder's ongoing work using a remote control. "For example, if there is a pillar in the middle of the working area, the operator can easily take control and navigate around the obstacle. The machine then returns to the defined route," says Gustav Berggren.

During the development process, the focus was on making a machine that is easy to use and can be put to work quickly. "Autogrinder has a short learning curve. Even a completely new user can get up and running in just a few minutes," says Gustav Berggren. "An experienced operator usually sets up the area within seconds to begin the work process. There may be a perception that Autogrinder will require a degree of technical know-how, but it really doesn't. With Autogrinder, the grinding work becomes so much easier, and the operator will have time to do so much more."

The new model is based on Husqvarna's largest machine, PG 8 DR, which has a grinding width of 800 mm. "This is the most common size, which allows you to get through most doors," says Gustav Berggren. "Thanks to the integrated battery, it is also easy to move the machine into a van or onto a trailer." After the grinding work is completed, the user has the option of using the same defined route to polish the floor surface; all the operator needs to do is change the tools and keep track of related equipment such as the dust extractor and cables.

Navigation and safety in cooperation

Autogrinder 8 D has a navigation system and safety system that work together to enable self-operation. "We have worked a lot on these two systems, and they are the brain of Autogrinder 8 D," says Stijn Verherstraeten. "This makes Autogrinder 8 D a real 'game changer'." Gustav Berggren adds: "The fact that they work so well together is what gives the operator confidence."

The development process has consisted of a thorough testing period where customers have been able to try the product and provide feedback. "It is very important to have the customers involved and test the machines for different applications," says Gustav Berggren. "Here in the test centre, everything is controlled. To validate that Autogrinder will perform in the real world, customers have taken it to different work sites and tested it on the full spectrum of grinding and polishing jobs."

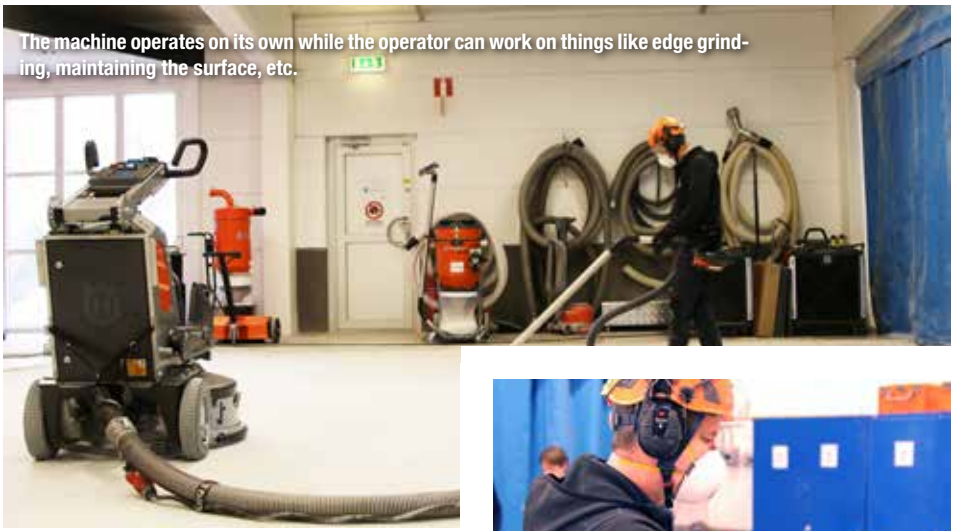
Even though the machine is self-operating, the operator ultimately has responsibility for the grinding process. It is important that the cord and hose to the dust extractor are long enough. It is also the operator's responsibility to ensure that the right tools are used. "The quality of the floor finish still depends on the operator's skill and expertise, and they must remain onsite while Autogrinder is operating," says Gustav Berggren. For safety reasons, the machine stops if the remote control goes out of range.

Launch at Bauma

Husqvarna Construction believes they are at the start of something big, and hopes are high about how Autogrinder will affect the industry. "I think it will be a revolution," says Gustav Berggren. "It started with planetary grinding systems, then remote control, and now this. We want to create value for the customer. In construction there is not much automation so far, so many of the most important innovations in the machine are patent pending."

In addition to offering operators a smoother workday, Husqvarna Construction also hopes to be able to address the scarcity of skilled labour in the industry. "We have heard that it is difficult for companies to attract and retain staff," says Gustav Berggren. "With our machine, we hope to lessen the impact of that." Caroline Thorell, global marketing manager at Husqvarna Construction added: "We see great potential for this product all over the world, but especially in Europe, the USA and Australia where labour costs are high. It will be easy to calculate the return on investment in Autogrinder because it automates time-consuming jobs."

Husqvarna Autogrinder 8 D will go on sale in Europe at the end of the year. In 2026, it will be available in North America and Australia. During Bauma, Husqvarna Construction will be happy to take pre-orders and see how the model is received by the market. At Bauma, Autogrinder 8 D will be launched at Husqvarna Construction's Booth A1.137 and will be demonstrated at the outdoor booth A01.A01.3 outside Hall A1.



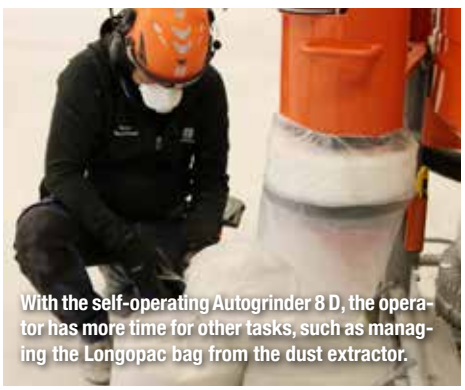
The machine operates on its own while the operator can work on things like edge grinding, maintaining the surface, etc.



After a few simple settings and scanning of the area are processed, the machine is ready for operation.



An excellent helper for large and small surface projects.



With the self-operating Autogrinder 8 D, the operator has more time for other tasks, such as managing the Longopac bag from the dust extractor.



DISMANTLING OF THE

Berkan B ship in Ravenna

The Berkan B shipwreck demolition project illustrates how technological innovation can transform maritime decommissioning operations, as the use of Diamond Pauber's 'SKB-V' diamond wire has helped overcome the complex technical and logistical challenges experienced dismantling the ship.

The Berkan B ship seized in the port of Ravenna was dismantled in early October2017, the ship literally split in two. The sad saga of the Berkan B finally came to an end that very year, when the Fagioli Group was commissioned to remove the wreck. Fagioli entrusted Marine Consulting of Ravenna with the task of completing the cutting up of the ship. The project presented several challenges, including the large size of the wreck and the difficult environmental conditions. Given the urgency and complexity of the work, Marine Consulting turned to Diamond Pauber, asking for a diamond wire that was both fast and resistant.

SKB-V diamond wire

The selected SKB-V diamond wire has proven to be particularly suitable to meet the technical and environmental challenges of the project thanks to its advanced features. Designed for special applications, such as maritime decommissioning and salvage operations, the wire integrates Diamond Pauber's double action bead technology, which combines protection and cutting ability, in a single design. The rounded shape of the beads allows the shock, generated in this case by the passage through an object with many empty spaces, to be absorbed by the protective shield, keeping the remaining part of the bead ready for cutting. This is designed to optimise operational efficiency, reducing wear and prolonging the life of the wire.

Another distinctive feature of the SKB-V wire is the nickel binder, which can be modulated according to the specific needs of the project. Thus, it is possible to adapt the wire to different working conditions by exploiting the versatility of the EMP (Engineered Manufacturing Procedures) protocol to modify the nickel binder. The SKB-V can therefore deliver high performance even in particularly difficult environments, significantly improving the duration and effectiveness of the cut. The superior resistance of the product is the result of an advanced assembly process, also compliant with the EMP protocol, which gives the wire exceptional durability.

One of the main advantages of the SKB-V wire is said to be its ability to offer high performance even at low peripheral speeds, a particularly critical factor in the most complex cutting activities. The ability of the SKB-V wire to adapt to the different machines used not only solves the problem by optimising operational efficiency, but also reduces consumption and wear experienced by the machines themselves. This offers a considerable advantage in difficult working environments, extending the useful life of the equipment. Thanks to these characteristics, the SKB-V wire is said by Diamond Pauber



Berkan B was a Turkish owned but Panamanian flagged cargo ship.

to be ideal for complex technical applications, setting a new standard for cutting precision and efficiency.

Diamond Pauber's CEO, Mr. Stefano Bernieri, played a crucial role in the cutting operations, offering supervision and technical support directly in the field. His presence demonstrated Diamond Pauber's commitment to providing not only cutting edge products, but also high level operational support, fully embodying the spirit of 'Cutting Experience', the company's distinctive trademark. This further underlies the practical and customer oriented approach that has made Diamond Pauber a true pioneer in this industry.

Cutting and removal

In the first phase of the operation, Fagioli managed the waters around the wreck to avoid pollution during the cutting and removal operations. Containment barriers and a skimmer system were installed to suck up any pollutants. Before proceeding with the dismantling, thorough inspections of the quay and underwater checks were also carried out to ensure the safety of the structure.

The Berkan B wreck was 106m long, 17m wide and between 7m and 11m high, and laid on a murky seabed, with a fractured hull. Given the poor visibility, and the difficult conditions of the site, it was decided to perform the cutting from the quay, positioning the cutting machine above it. The SKB-V diamond wire played a key role in ensuring the success of the cutting operations thanks to its high reliability and resistance. This tool proved essential for the completion of the work, conducted by a team of specialist divers and assisted by a ROV (Remotely Operated Underwater Vehicle) to constantly monitor the underwater conditions.

The cutting operations were divided into different phases: the first cut was performed on 24 August 2021. Initially estimated to last between four to five days, the cut was completed in just two days, which involved 26h of cutting, without any complications being experienced. The second cut proved more challenging as it involved an area of the wreck with preexisting fractures. This forced the wire to follow unwanted paths, consequently complicating the cutting action which was however completed satisfactorily. The third cut took place at the beginning of September 2021. During this phase the movements of the structure caused problems, but the SKB-V wire successfully completed the cut in 14h.

On 15 October 2021, thanks to the technical support and the experience gained during previous operations, the operator was able to make the most of the features of the wire, managing to complete the fourth cut in just seven hours. Finally, the fifth cut, necessary to reduce the bow, was completed in 16h of cutting.

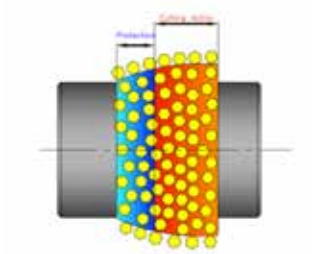
Lifting the cut pieces

Once the cutting was complete, Fagioli began lifting and transporting the wreck sections. The first five sections were recovered with a 600t crane positioned on a pontoon, while the stern section, whose 800t exceeded estimates, was recovered using three crawler cranes with a total capacity of 1,750t. An alternative method was then used involving two barges, one for lifting and another for transporting the sections, with constant monitoring for any leaks. Once the recovery was complete, the sections were transported to Piombino for unloading. Subsequently, Fagioli performed a thorough cleaning of the seabed, including bathymetric surveys with control sonar, underwater video inspections, and sampling to ensure the absence of residues and contamination. Finally, the mooring poles and temporary barriers were removed successfully concluding the recovery operations.

Results achieved

During the demolition operations of the Berkan B, the SKB-V diamond wire proved its versatility and cutting ability, successfully tackling a complex structure with numerous empty spaces. The wire provided a combination of resistance and cutting speed, delivering optimal results even in the most problematic areas. A significant advantage of the SKB-V wire was the absence of interruptions experienced during the operation. The wire never broke, thereby avoiding delays and any associated problems such as additional costs for barges and tugboats. This helped maintain high efficiency and continuity of the dismantling process.

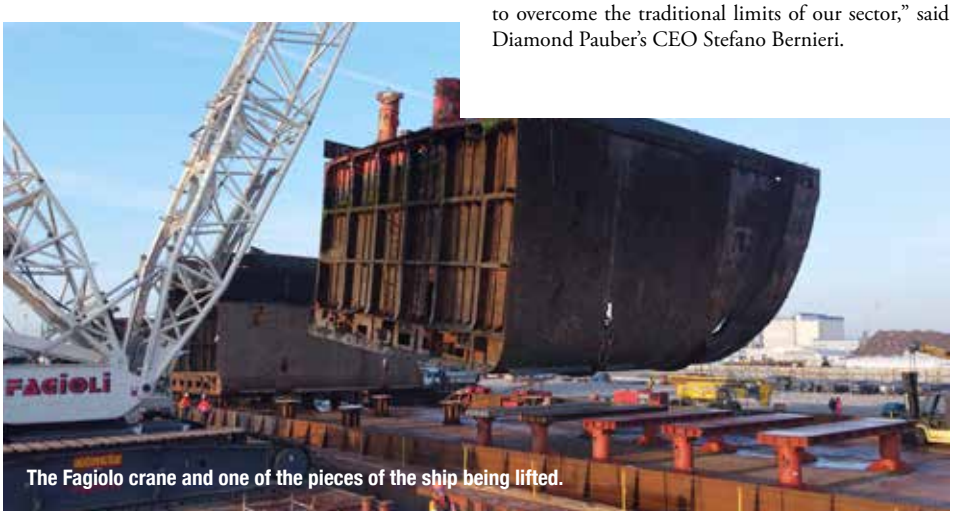
The initial set up also provided valuable insights into the behaviour of the wire during operations on large structures. This experience provided a better understanding of the dynamics and specific needs experienced in large scale demolition operations, leading to an update of cutting methodologies and techniques. In particular, the 'SafeGuard' technology of the SKB-V diamond wire proved to be highly reliable, thereby opening new possibilities for use in industrial applications. "The cutting and removal project of the Berkan B wreck was an emblematic example of what we call the 'Cutting Experience' of Diamond Pauber. This term does not only represent the physical act of cutting but encompasses an entire operational philosophy that pushes us to overcome the traditional limits of our sector," said Diamond Pauber's CEO Stefano Bernieri.



Diamond Pauber supplied diamond wire that was both fast and resistant to be used for the demolishing of the shipwreck.



The SKB-V diamond wire proved to be particularly suitable.



The Fagiolo crane and one of the pieces of the ship being lifted.



All the pieces of the ship loaded for transport.



Holp introduces the productive, long lasting and valuable 'RotoTop'

Holp says as the pioneer in pure rotation, it is now scoring points in more and more markets with the quality of its products. The company adds that it's the finely tuned range of RotoTop, and other clever attachments, is constantly helping to expand its dealer network in Germany and abroad. At bauma, Holp will once again be presenting innovations that are designed to bring greater efficiency to construction sites.

The construction industry is currently suffering massively from the economic downturn triggered by multiple crises in the world, with uncertainty, cost pressures and a broad reluctance to invest, coupled with a shortage of skilled labour having a negative effect. Still, construction work has to be completed on time. Holp aims to offer an important aid for solving this situation with high quality and extended service with the RotoTop and eight other product groups designed to reliably produce increases in performance on construction sites. They are designed to reduce fuel consumption and machine downtime, which ultimately leads to higher productivity in the processes and thus better earnings for the construction company. At the same time, they also save on manual labour, which is not always available.

The world's widest range of rotary drives

With its RotoTop, Holp states that it is the only manufacturer of rotary drives in the world to offer a range of 11 finely tuned models for excavators with operating weights from 600kg to 45t. The RotoTop has a very flat construction and the excavator does not experience any noticeable reduction in performance due to its light weight. Likewise, the largest rotary joints on the market (six to eight fold) deliver the most oil to the attachment, so that long term heavy duty use of attachments with high oil requirements, such as tillers and mulchers, is no challenge at all. The robust and durable design makes sure that any investment in RotoTop and the other attachments is quickly amortised and additional money for the company can be earned.

Holp is by no means stopping development efforts, continuously optimising the existing product portfolio. For example, the RT.301 HD and 'HD+' models, the largest RotoTop models to date, have become the RT.302, RT.352 and RT.402 models, with further optimised housings. In order to protect the rotary drive even more reliably against boulders transported in the bucket during rock work and demolition, the housing has been reinforced on the inside. The team, led by Swabian inventor Günter Holp, also has other innovations in the pipeline, but these will be unveiled at the bauma stand.

Modernising production and shortening delivery times

Holp has not only optimised its attachments in recent years, but there has also been a complete restructuring of the entire operational process. At the new modern company site, all departments have been arranged the best way with production under one roof. What is more, production and storage capacities have also been massively increased. As a result, Holp has been able to reduce its delivery times by an average of two thirds.

If a construction company wishes to optimise processes, increase performance, save costs and increase yields on construction sites in times of crisis, Holp states that the RotoTop and the other attachments can achieve a considerable part of this goal. Holp constantly shows participants at numerous training events and open days at its test arena and new training rooms how easy it is to put this into practice. This will also be offered to all visitors at bauma in Munich.

Hilti Group holds its ground

With sales growth of 1.5% in local currencies, the Hilti Group reported turnover of €6.65B in 2024. The company managed to gain further market share in a challenging market environment. Despite a strongly negative currency impact, the operating result matched that of the previous year and amounted to €800M. In 2024, Hilti continued to significantly invest in innovation and the strategic priorities outlined in its corporate strategy 'Lead 2030'.

With more than 80 new products and services launched in 2024, the Hilti Group continued to benefit from investments in its innovation pipeline. Investments in research and development reached €485M (+2.6%), equalling 7.2% of sales. Hilti also significantly expanded its global production network in order to secure the long term resilience of its supply chain. In the reporting year, the jobsite management software solution 'Fieldwire' was launched in additional markets. The Netherlands based business software solution provider 4PS was successfully integrated following its acquisition in 2023. At the end of 2024, the Hilti Group had 34,353 team members, an addition of 242 (+0.7%) compared to the previous year.

The operating result remained on a similar level with €800M, despite a significant negative currency effect of €74M. With €583M, net income was also at the previous year's level. Return on sales (ROS) grew slightly to 12.0% (2023:11.8%), while return on capital employed (ROCE) decreased by 0.4% points to 12.9% (2023: 13.3%).

Construction market forecasts point to a similar business environment in 2025, strongly varying by geographic area. This volatility and uncertainty in the markets will likely cause the Swiss franc to remain strong. In line with its purpose of 'Making Construction Better', Hilti will continue to significantly invest in innovation and build up market reach resources. In 2025, the Hilti Group expects low single digit sales growth in local currencies with a similar ROS compared to 2024.





ARJES, ZEMMLER, ROCKSTER AND EUREC TOGETHER AT BAUMA 2025

At bauma this year, Arjes GmbH, Zemmler Siebanlagen GmbH, Rockster Austria International GmbH and EuRec Environmental Technology GmbH will be exhibiting together at the Messe München – Outdoor Exhibition Area South. Visitors can expect an impressive portfolio of high performance machines designed for the sustainable and efficient processing of construction and demolition waste that they should not miss.

The Compaktor 300 is no stranger to the global recycling market. Disposal companies in the construction and demolition industry in particular are said to value the Arjes brand for its extremely flexible and compact two shaft shredder with a total weight of approx. 15t. Its versatility is demonstrated by its ability to process a wide range of materials from construction waste and concrete to wood, commercial waste, rubber, waste tyres and even aluminium. The processing capacity varies depending on the material and ranges from 5t to 15t/h for commercial waste to 80t to 100t/h for construction and demolition waste. Based on the extensive experience of some customers and dealers, technical optimisations have been made in recent months, which can of course be inspected.

Zemmler MS 3200

The Zemmler MS 3200 double drum screening machine was developed for small businesses, local authorities, gardening and landscaping businesses. With a screening capacity of up to 60m³/h, a screening drum length of 3,200mm and a screening surface of 18m², the Zemmler has been developed to offer what is said to be an unrivalled price/performance ratio. Thanks to interchangeable wire screens (2mm to 80mm) and the option of converting the plant from a two fraction to a three fraction system in minutes, the MS 3200 offers flexibility. The electric drive provides energy efficient operation, while the optional diesel drive provides additional versatility. With a loading height of 2,500mm, it can be loaded effortlessly by excavators and wheel loaders, while the two axle central trailer chassis (80km/h, StVZO compliant) provide high mobility. The compact MS 3200 offers convenience for individual requirements thanks to numerous options such as extended belts, an optional coarse fraction belt or Hardox wear protection equipment for a wide range of applications.

Rockster R 1000

The Rockster R1000 tracked impact crusher is said to combine high quality, precisely defined cubic final products and versatility in the processing of construction waste, asphalt, concrete and natural stone. The machine is equipped with a powerful circular vibrating screen, a double functional return or stockpile belt and a hydraulically height adjustable magnetic separator. A built in air blower separates light materials such as paper, wood or plastic, resulting in a clean and high quality cubic end product. The CAT Stage V 9.3 engine and the hydrostatic drive system ensure high and constant performance. The central machine control with automatic monitoring and an intuitive colour display provides quick start functions and presets and are said to be particularly user friendly. In addition, the engine compartment is designed for easy access, which makes maintenance and service quick and efficient.

New EuRec two shaft shredder

EuRec will be presenting its latest two shaft shredder at bauma 2025. With a total weight of around 50t and a drive power of almost 745kW, the machine has been designed to set new standards in the field of slow speed shredding technology. The solid construction and shredding system enable the efficient processing of particularly resistant materials, such as broken concrete and concrete railway sleepers with reinforcing steel, as well as old vehicles and scrap metal. Additionally installed separation technology is designed to ensure the targeted separation of ferrous and non-ferrous material after the shredding process. Despite its impressive size, the machine remains mobile and ready for use on any terrain thanks to the standard crawler track system.

Visitors are invited to meet Arjes, Zemmler, Rockster and EuRec at the joint booth at the Outdoor Exhibition Area FS. 1212/2.

PROMOVE AT BAUMA 2025

Promove is an Italian company with over 35 years of experience in the demolition equipment sector. The company has aimed to become a benchmark for reliability, efficiency, and innovation, striving to always be attentive to its customers' needs. Promove is committed to making work safer, faster, and more efficient by developing cutting edge solutions, all proudly made in Italy.

From 7 to 13 April, Promove will exhibit at bauma, one of the most important events in the construction and industrial equipment sector calendar. During this event, the company will showcase several exciting innovations that will reinforce its commitment to excellence and innovation. One of the main highlights will be the restyling of the medium to heavy hydraulic hammer range, designed to deliver superior performance, increased durability, and easier maintenance. Additionally, the company has enhanced the energy efficiency of these tools, aiming to optimise consumption and reduce operating costs. Another key development will be the launch of new grapples, purpose designed for the forestry and recycling sectors. Grapples are essential for handling heavy materials, and with this new product, Promove aims to meet the specific needs of these industries, improving efficiency and operational safety.

Promove is also introducing a new pulveriser, the CR500 designed for excavators ranging from 5t to 9t. This model is designed to provide improved performance with interchangeable teeth, designed to be a cost effective and easy to maintain solution ideal for smaller demolition tasks. The pulveriser features wear resistant steel construction, a 'wavy knife' to improve cutting efficiency, and a central wear resistant steel tooth for optimal cutting. Additionally, it includes double holes for attachment for a wide range of equipment, ensuring compatibility with various machines.

Promove has always placed customer satisfaction at the heart of its operations, providing continuous and prompt support. The company states that it is not only known for the quality of its equipment but also for the assistance it offers, responding quickly to every need and maintaining a trusted relationship with its clients. By participating at bauma, Promove aims to reaffirm what it sees as its leadership role in the demolition equipment sector, offering increasingly advanced solutions to make work safer, faster, and more productive.

Promove will be located at Booth FN.815/9 at bauma.





PROMOTIONAL OFFER FROM BRAUN DECOMMISSIONING TECHNOLOGIES AT BAUMA 2025

There will be a promotion for new Braun customers at this year's bauma as they will receive a 15% discount on the entire product range of concrete cutting and drilling machinery. Braun products are characterised by two features in particular: on the one hand, they are designed with high levels of robustness and durability as well as low maintenance costs, and on the other hand, a modular system that forms the basis of the product range.

This modular system enables a wide range of possible combinations and extensions. For example, the drill rig can be extended to a wire saw or plunge saw. The wall saw can also be converted into a wire saw or the patented 'Wall Shaver'. This modularity also makes it possible to replace components quickly and efficiently. In the event of a defective motor, the motor of another saw can be used as a replacement and replaced directly on the construction site.

Braun is also known for innovative special solutions. Since 2019, manufacturers' have also been able to submit their products for the Diamond Award, which is presented every three years at bauma by the International Association of Concrete Drillers and Sawers (IACDS). Braun won this international award in 2019 and 2022. This year, Braun once again submitted a new innovation for the Diamond Award - a remote controlled drilling system. This development clearly demonstrates the added value of the modular system, as this new product was developed almost entirely with existing components, based on the Braun Wall Shaver.

At this year's bauma, Braun will once again exhibit with a large stand team and a wide range of products. Drill rigs, wall saws, wire saws, plunge saws, wall milling machines and the remote controlled core drilling system will be on display.

www.braun-ddd.com

New propane Grinder from Lavina

The latest addition to Superabrasive's Lavina range is a remote-controlled 31" propane grinder - L31GRS7. This propane model has been long awaited in the US, where contractors prefer propane equipment due to its easy setup and improved efficiency. L31GRS7 is powered by Vanguard 35 hp engine, has a 31" / 783mm work path and over 300 kg of head pressure for heavy-duty grinding. Like the other Lavina S7 grinders, the L31GRS7 comes with a sealed, dust-proof grinding head and an upgraded planetary drive for longer service life with less maintenance. Additionally, the user-friendly remote control boosts productivity while minimizing operator fatigue.





Several new products from Trevi Benne to be unveiled at bauma



Trevi Benne will be exhibiting at bauma with many new products and a booth position that is decidedly more strategic than at the 2022 edition.

Trevi Benne first exhibited at bauma way back in 1998, with 12 attachments designed for the demolition, recycling, mining and forestry sectors, market segments in which the company considers itself to be a point of reference for excellence, innovation and performance in the field. The company states that as bauma has deservedly earned the label of being the trade fair with the largest exhibition space, with the largest number of exhibitors and visitors in the world, Trevi Benne will use the stage provided by the show, exhibiting two 'giants' from its range of demolition attachments.

The company states that it has made a name for itself in the production of demolition equipment over 10t of operating weight, including its 28t demolition crusher and the 20t 'subsea' shears for underwater use. At bauma 2025, visitors will be able to see the FR 100 rotating pulveriser weighing 10.5t redesigned in shape, with what is said to be a more aggressive, more productive and more resistant performance. Keeping it company will be the primary crusher model HC 120 weighing 12t. With interchangeable teeth, an opening of 2.3m and a force released at the tip equal to 270t. Both pieces of equipment have been purchased by the Spanish demolition company Hercal Diggers and sold through Trevi Benne's dealer BYG, which has been importing and distributing Trevi Benne products for over 20 years. For the mining sector, the reinforced rock bucket in 'HDVX' configuration on a Hitachi ZX870 excavator, with a capacity of 4.5m³, and a weight of over 5.5t, will be shown.

The two products that will make their official world premiere are the new 'TQ-LOCK' quick coupler with double safety system, and the CS 30 hydraulic metal shear model from the new 'Shark Shears' range. Features and technical data for these two new products will be available through the official information channels of the Vicenza based company and directly at the Trevi Benne stand. Here the sales staff will be available to answer and questions and deal with the requirements of visitors.

Trevi Benne can be found in Hall C5 – Booth 503.

www.trevibenne.com



AGP ANNOUNCES NEW HIGH FREQUENCY SAW LINE AND CORING MOTORS

The new saw line from AGP includes a ring saw, two hand saws and a chainsaw, all sharing the same 9000W, 3 phase 380-480V power converter. This recognises the connected tool and features an LCD user interface and IP66 enclosure. The saws feature 6600W, water cooled, permanent magnet synchronous motors (PMSM) which were chosen for efficiency and power density.

The handsaws are offered in 406mm and 457mm versions. Both feature flush cutting capability and guide rollers for improved control. The handsaws enable 150mm and 175mm depth of cut respectively. The 400mm ring saw allows a 300mm depth of cut and features AGP's patented blade drive mechanism for easy tension adjustment and quick blade changes. A ring saw presents an alternative to a wall saw in many circumstances. The chainsaw allows a maximum of 470mm depth of cut. The AGP high frequency line of tools is designed to provide concrete cutting professionals with a compelling solution with unprecedented performance.

New coring motors

AGP has announced the latest addition to its rig mounted diamond coring line with the new DDC12 hybrid dry and wet coring motor. It uses the field proven 3500W universal motor. It drills dry in reinforced concrete up to Ø 350mm, enabled by its soft percussion mechanism, which also improves wet drilling performance. It maintains its wet drilling functionality while adding the important new capability of dry drilling.

The other new addition is the DM20 integrated high frequency coring motor. This water cooled unit runs on 230V and is rated at 3700W. AGP states that with 90% efficiency, it delivers the highest power output in the industry for single phase input. With an integrated converter, it's rated for Ø 500mm wet drilling and has electronic variable speed for a wide range of diameters. It features an LCD operator interface and has special functions such as 'Ferro-Fix' rebar assist mode, bit threading, and LED load indicator.


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THE LARGEST ECOMONDO EVER

The 27th circular economy trade show Ecomondo boasted a 5% increase in attendance compared to 2023, making this the largest Ecomondo ever. PDi paid a visit to Mantovanibenne, VTN, Simex, and others at the Italian exhibition.

The Italian Exhibition Group's trade show Ecomondo was held from the 5 to 8 November 2024 at the Rimini Expo Centre in Italy. Although its main focus is Italian, Ecomondo has also become an international event for all things relating to green technology and the circular economy. The 2025 show enjoyed a 5% increase in attendance compared to 2023, including a 4% increase in international attendance, making it the largest edition of Ecomondo so far. In total, the show had 1,620 exhibiting exhibitors occupying 166,000m² of exhibition space, which was extended by two new halls in response companies' growing demand.

Mantovanibenne exhibits latest offerings

In the booth of excavator manufacturer Mantovanibenne Srl, the 'Eagle 3' shear was on display. Characterised by its solid 160mm thick Hardox steel plate, the model features an inverted cylinder and a single element design without welding. Also on display was the rail breaker MRB30R, designed to ensure that only the blades touch the rail and avoid unnecessary impact on the body when in use. Mantovanibenne also paid tribute to its late founder Alberto Mantovani, father of current CEO Paolo Mantovani, who passed away one week before Ecomondo. Alberto founded the company in 1963, taking it from a small family business to one of the leading international players in hydraulic and recycling equipment.

VTN grapple MD 180

VTN Europe Spa exhibited the grapple MD 180, a member of the 'MD' series which is characterised by its design and variety of available jaw types. The MD 180 has a total weight of 1,045kg, a jaw type 'D', and is optimally suited for 15t to 21t excavators. The MD180 to MD290 models feature a double rotation motor. The series is suited for demolition of brick and wood structures, and sorting and loading different materials such as demolition debris, waste and recycling operations. Features include wide bearing, synchronised jaw closing, and bolt on, reversible and interchangeable cutting edges. Other new models included the RP3000 rail cutter and the VD20 car dismantler.

Cutter heads, screening buckets, and more from Simex

Simex Srl highlighted its 'TFC' cutter heads with continuous cutting, specially designed for mounting on mini excavators and 6t to 12t excavators, as well as the 'VSE' screening buckets with adjustable output size via a control in the operator cabin. Other highlighted offerings were the 'CB' crusher buckets, suited for crushing reinforced concrete and demolition waste, and 'RW'/'RWA' self-levelling wheel saws, designed for skid steer mounting. The 'CBA' asphalt granulator bucket and 'ART' asphalt repair technology was also exhibited.

Sennebogen showcases three material handlers

Sennebogen showcased the 824 G, 870 E and 830 E material handlers together with its Italian distributor Cesaro Mac Import SRL. The 824 G is suited for recycling and scrap handling and has an operating weight of up to 26.3t and a maximum reach of up to 12m. 830 E is a variable model for scrap handling, as well as recycling, timber and port applications, whilst the. 870 E is mainly suited for port handling.

The latest from Brokk, Darda and Aquajet

Brokk highlighted the 'SmartPower+' generation of robots, now with a new remote control. The new generation also comes with new electronics, cabling and radio technology. At the same booth was the C10S rock and concrete splitter from Brokk owned Darda, and also Brokk owned Aquajet Systems' hydrodemolition robot 'Aqua Cutter '750V.

Electric telescopic platform from Multitel

Multitel Pagliero Spa highlighted its family of 'Axen' products, the company's electric range, specifically the MJE 250 Axen, a fully electric telescopic platform that achieves a working height of up to 24.7m mounted on an 'e-Daily' 50C14 E truck of 5.2t GVW. At its maximum horizontal outreach of 16.5m, the load capacity is 100kg, rising to 250kg at 12.5m. The platform draws its energy from two 37kW batteries that power the vehicle without the need for an additional battery. Multitel also highlighted two crawler spider models, SMX 250 and SMX 210.

Tracked, electric atomiser from Spray Team

In the booth of Spray Team Srl stood the battery driven, tracked atomiser, featuring a tank capacity of 200l and a 24V lithium battery power supply. It is primarily suited for work in disinfestation and can be used both indoors and outdoors. The model is also equipped with a 500W fan and 1kW pump.

New machines from Zemmler and Fuchs at SCAI

Scai Spa, the Italian distributor for Zemmler, exhibited the Zemmler MS16 Pro, a new mobile screen for material separation, featuring a double rotating drum mechanism. Also shown was the Fuchs MHL 320 F, a material handler with double edged cylinder bearings on the boom, a cooling system with physically separated coolers, and a double row ball bearing slewing ring.

The next Ecomondo will take place from the 4 to 7 of November 2025, once again in Rimini.



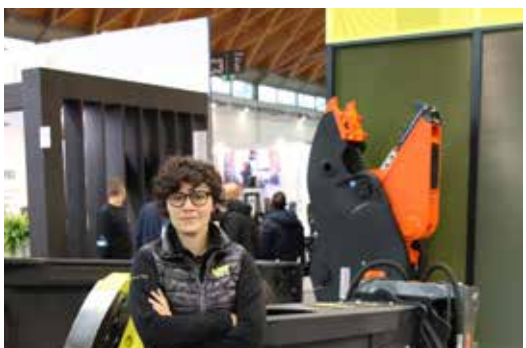





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RECYCLING CONGRESS SETS NEW AGENDA

17 months after the German Substitute Building Materials Ordinance (EBV) came into force, speakers and attendees at the Recycling Congress in Stockstadt discussed its implications. Presentations clearly showed what is already working well in connection with the EBV and where there is still a need for improvement.

Around 200 interested visitors attended the Recycling Congress on 12 and 13 February 2025 at the Coreum in Stockstadt. The congress was organised by DA Service GmbH on behalf of the German Demolition Association's (DA) Recycling and Disposal Committee. The focus throughout the event was on practical relevance. This was emphasised by Johannes Schlenter, chairman of the DA executive board, in his opening speech on 13 February, the actual day of the congress. Titled, 'From practice for practice', it focused on practical solutions. Michael Weiß, chairman of the DA's Recycling and Waste Management Committee, led the wide ranging programme of presentations and drew a brief conclusion after each one. Katrin Mees, head of the DA office in Berlin, gave an overview of the results of the member survey on the implementation of the EBV, and highlighted the main problems with implementation, but also pointed out possible solutions.

Acceptance of recycled building materials benefits from EBV

As someone who is directly affected by the EBV, Robert Oettinger, managing director of Oettinger GmbH, reported on best practice for the production and use of mineral substitute building materials and soils. "One ordinance is better than 16 different regulations. The acceptance of recycled building materials has increased. The manufacturers who have worked well and cleanly before are also doing very well now." After each presentation, attendees had the opportunity to engage in dialogue with the speakers. Attendees at the conference also used the regular breaks to socialise, network and exchange ideas. The short, informal conversations at the coffee table were just as valuable as the technical discussions during the presentations.

In his presentation, Klaus Mesters from KM GmbH für Straßenbau und Umwelttechnik, broke down the complex topic of external monitoring for manufacturers and showed that, based on his experience with external monitoring, shifts in material flows can be demonstrably recognised due to the EBV limit values. In addition to his presentation of numerous practical solutions, Christoph Bocker from the Steinfurt District Environmental Agency, reported on regular dialogue with other districts. "The EBV is compact, but not specific enough," was his main criticism. In the course of the presentations, however, not only were problems, difficulties and questions regarding the implementation of the EBV addressed, but individual solutions were also presented in accordance with the event concept.

End of waste possible for all mineral substitute building materials?

The congress gave time to legal matters, with lawyer Dr Markus Pauly giving an overview of the legal situation and the development of the content of the EBV with regard to the end of waste. Unfortunately, the various federal state decrees only take into account the good qualities of the MDBs, but from the lawyer's point of view, RC-2 and RC-3 (R-Concrete) class material can also reach the end of waste. The regulation is subject to considerable legal debate, however. He stated that a manufacturer of mineral substitute building materials can already reach the end of waste for material based on the current legal situation according to the Closed Substance Cycle Waste Management Act. He did in fairness also point out the possible liability risks for the contractor in this context. "If the requirements for the end of waste status are met, the waste status no longer applies," said Pauly. The end of waste status is therefore possible for all mineral substitute building materials.



Around 200 people attended the congress.

Panel discussion

A lively panel discussion brought up the divergence between the politically, often celebrated, visions of a future circular economy, and the current technically and economically viable possibilities. The hyped component exchanges and the idea of having to reuse everything are unrealistic, as a 100% reuse rate cannot be achieved. Another focus of the discussion concerned the aims of EBV. This consisted of legal certainty, a standardised regulation for all federal states and more sales for RC materials. Michael Weiß, who moderated the panel discussion, asked the attendees about the implementation status and whether acceptance could be increased. A clear increase in mobile processing in larger demolition companies could be observed, but also an increase in monitoring.

The panellists were asked to state their wishes from legislation. In order to achieve equivalence between primary and secondary building materials, the technical tests for both materials would also have to be standardised, as the extensive tests in accordance with the EBV currently only apply to secondary materials. The technical equivalence of RC materials should be given, therefore, a prioritisation obligation. Support from the public sector is also desirable to promote acceptance and demand.

Michael Kreppold, managing director of Konrad Kreppold GmbH, demonstrated that the production of aggregates and aggregates for R-Concrete can be a second mainstay for processors. Dr Gregor Silvers from Max Wild GmbH gave a further practical insight into the company's own floor washing plant and discussed the question of how the quality of the end product can be improved.

After a day full of practical insights, solutions, opinions, discussions and dialogue, Michael Weiß bid the audience farewell. He concluded that the ideas were there, and that the future would be about implementing them.


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This year at bauma, Scanreco invites attendees to explore 'Destination Extreme'

At the Scanreco booth, visitors will be able to explore several operational safety and efficiency enhancers. Moreover, Scanreco will show conceptual products as well as new radio remote control models, and radio transmitting products, that perform regardless of any extreme condition.

"We take great pride in going the extra mile to ensure that our products are reliable, safe to use for what they were designed for, and hold a high functional safety level. We took the increasing cybersecurity threat seriously already a decade or so ago. When developing our products, we make sure to be steps ahead of the evolving threats and coming regulations," explains Kristofer Hylén, head of the development team at Scanreco says. "We'd love to talk cybersecurity with show visitors. It is a complex subject and non-negotiable for our industry."

One such solution is Scanreco's 'Smart Operator' concept which is said to be unique to the industry. It focuses on how well thought through remote control design can help operators in their daily work situations. It possesses easy to use intuitive controls and cuts the learning curve of the application, which in turn helps getting new and inexperienced operators up to speed quicker whilst contributing to increased machine efficiency with less downtime.

"We have the most demanding customers in the world, and we love to be put to the test. We never dodge their requirements but challenge ourselves, and sometimes even then, to solve their problems and exceed their requirements. We strive to be at the forefront of technology, and we are strong advocates for HMI and intuitive remote control design," says Scanreco VP product management, Mattias Kelam.

Scanreco supports machine builders and system integrators around the world to design better remote control solutions. With a new machine builder centric website, available online shortly before bauma, Scanreco looks to support machine manufacturers sourcing radio remote control systems, clarify how and what remote control models enhance their machine developments, help tackle operator shortage and meet the growing rental machine market. The new website will also serve as an industry knowledge hub where machine builders and operators can delve into topics ranging from cybersecurity to design optimisation.

Scanreco will exhibit in Booth A2.141 at bauma in April.

www.scanreco.com





SOLUTIONS FOR THE GROWING DEMANDS OF THE INDUSTRY

At bauma, Rotar International B.V. will focus on attachments for carrier machines with high operating weights and will be exhibiting the fully integrated 'ROQ' adapter.

Rotar International B.V. has been developing, manufacturing and selling shears, pulverisers, grabs and vibratory buckets in Europe and worldwide for more than 40 years. These are used in the demolition, recycling and scrap metal sectors, as well as for screening and material separation. The company says its equipment has been steadily optimised in close cooperation with customers in order to achieve continuous development in terms of productivity, safety and working comfort according to the growing requirements of the industry.

Rotar has remained an owner managed manufacturer that is independent of corporations and investors. This has resulted in what the company says is an unbeatable service mentality and customer focus, which displays itself in a high level of expertise, dedicated consultant quality and very fast feedback on enquiries and problems, offering customers trust and security. Many customers are medium sized companies that are also owner managed, which creates a strong common basis.

New developments for growing requirements

At bauma, the company will be focusing on attachments for carrier machines with high operating weights of up to 300t, exhibiting a 'RSS' scrap shear with an operating weight of 17t, which will be on display at the outdoor area, close to the stand. The reasons for the use of ever larger carriers are the constantly increasing demands on the quality of recycling materials in terms of batch and grade purity, as well as the fact that demolition and recycling companies are dealing with the handling and processing of increasingly heavy parts. This is due to the fact that more stable structures are now being dismantled which were built with high quality materials but have nevertheless reached the end of their service life.

In addition, there are also recycling tasks that haven't been tackled until now, such as the deconstruction of abandoned oil platforms lying on the seabed. The previously often uncontrolled dismantling of ships has also been stopped. They are now dismantled in accordance with environmental and occupational safety standards and their components are professionally recycled. Many steelworks now only buy (certified) scrap that has been processed in accordance with environmental and human rights standards. For Rotar, it is a matter of course that the company's existing broad expertise in demolition and recycling is constantly being expanded to meet these requirements.

Fully integrated ROQ adapter

Another focus at bauma will be on the fully integrated ROQ adapter, developed inhouse, which is available for Rotar attachments and offers numerous advantages. Dealers do not have to do any work themselves but instead receive a 'plug & play' solution that is ready for immediate use by customers. Not only does it offer a flatter design, an optimised load centre of gravity with lower weight, but the internal direct hosing is designed to deliver an optimised hydraulic oil flow and therefore lower fuel consumption.

Using the adaptor means that attachments also require less time to service. The cover of the service opening, through which all important components in the rotary head can be reached, can be removed with just five screws. This makes the time consuming disassembly of a conventional adapter plate with 18 screws unnecessary. And - particularly important in times of limited resources - this solution is also even cheaper than the previous solution with conventional adapter plates and is available for 'OQ', 'SQ' and 'VL' systems. Rotar will be demonstrating this and many other solutions for demolition and recycling at stand C5.337 in Munich.

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Switzerland +41 625680164
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