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**ISSN Registration:** ISSN 1650-979X

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The magazine PDI, Professional Demolition International is published five times per year with a worldwide circulation of 10000 copies. The annual airmail subscription rate is US\$ 45. All subscription correspondence should be directed to: The subscription department, SCOP AB, P.O. Box 786, SE-191 27 Sollentuna, Sweden. PDI is mailed by second class postage. ©Copyright SCOP AB 2000-2020

Cover picture: Backers

PDI Magazine is a member of the following associations:



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*Words from the IACDS President*



# DRILLING AND SAWING INDUSTRY IS BACK IN ACTION

As 2024 begins to take its course, I can't help but reflect on how far we've come. Global pandemic, decline of the market and international conflicts, much of which has affected the industry professionals from all around the globe. Despite everything, the drilling and sawing industry and its workers has remained steady in its values and goals, moving, sometimes slower, to unite the sector, exchanging knowledge and ideas, as well as promoting better standards of training and safety among the companies.

In that regard, the return of face to face encounters, as well as joint projects, have been crucial to restoring the close relationships between the industry professionals. As always, the IACDS has come forward, celebrating its 2024 annual meeting this last January. The IACDS annual meeting was truly a cornerstone in our calendar being a unique chance to meet, face to face, with our colleagues from all over the world. The fact that it took place during World of Concrete (WOC), in a vibrant and lively city of Las Vegas, has certainly helped as well!

Thus, on 24 January, the IACDS members from several countries, such as Germany, India, Japan, United Kingdom, and, of course, United States, gathered together to visit the WOC trade Fair, celebrate our general assembly and discuss the current state of affairs. One of the great highlights was the meeting with the International Grinding and Grooving Association, IGGA, which kindly invited us to its cocktail party on the day prior to our annual meeting. Meeting our colleagues from another corner of the industry was a great pleasure, and we look forward to collaborating with them in the (not so distant) future.

In particular, we're very excited to launch our next project, namely the Global Training and Certification Pathway, which will aid in ensuring that industry workers have an appropriate qualification to carry out their work. The formal launching of the project will take place in late 2024, so keep an eye on that. Of course, I can't help but mention the welcome reception, organised by the Concrete Drilling and Sawing Association, CSDA. After a long day, having a relaxing and friendly environment is a great pleasure as it allows us to connect with each other on both a professional and personal level.

Lastly, I would like to extend special thanks to the CSDA, and its president, Kellie Kimball. CSDA has been a long lasting friend of IACDS, and its heartwarming disposition and welcome made the celebration of our annual meeting not only possible, but also an incredible experience.

There is no doubt that the years to come will bring their share of problems and obstacles. The international geopolitical climate, for one, will surely define the way in which we do business and interact with each other in general. However, with perseverance, time and collaboration, I'm certain that we'll be able to overcome anything the future throws at us.



**Douglas Walker, president of IACDS**



## Promtechservis appointed EvoQuip authorised distributor in Ukraine

*EvoQuip is thrilled to announce that Promtechservis as its authorised distributor in Ukraine. Promtechservis will supply the full range of EvoQuip equipment, genuine spare parts, and machinery maintenance throughout the country.*

Promtechservis has a proven track record of delivering top notch solutions to a diverse range of industries, with the collaboration with EvoQuip enabling the company to further strengthen its portfolio and better serve the evolving needs of its clients. Andrii Gyrych, commercial director for Promtechservis said, "We are delighted to be named the authorised EvoQuip distributor for Ukraine as it aligns seamlessly with our commitment to providing high quality solutions to our clients. EvoQuip has innovative and reliable equipment that will undoubtedly enhance our

offerings, allowing us to continue delivering exceptional value to our customers."

Paul O'Hagan, business development manager for EvoQuip said, "Promtechservis are a very welcome addition to the EvoQuip family and we are excited for the beginning of what I know will be a prosperous relationship. They are the ideal fit for our brand, with their expert technical support and customer service and our comprehensive range of quality equipment, we will be a compelling offering to customers throughout Ukraine."



## EvoQuip appoints new distributor for Japan

EvoQuip is pleased to announce the appointment of Kurimoto as its authorised distributor in Japan. Effective immediately, Kurimoto will supply the full range of EvoQuip equipment including compact crushing, screening, shredding and conveying equipment, genuine spare parts, and machinery maintenance throughout the country.

experience will enhance our ability to serve the unique needs of the Japanese market and provide customers with exceptional crushing, screening and shredding equipment."

Kurimoto is well positioned to represent EvoQuip's interests in Japan, leveraging its established network, industry knowledge, and dedication to meeting the evolving needs of its clients. Yoshio Yanagida, general manager at Kurimoto said: "We are honoured to be appointed as the EvoQuip distributor in Japan. It allows us to offer our customers world class equipment from EvoQuip, reinforcing our commitment to delivering supreme machinery to the Japanese market."

"We are excited to welcome Kurimoto as our authorised distributor in Japan," said Fergal McKenna, business development manager at EvoQuip. "Their extensive experience and commitment to delivering high quality industrial solutions align perfectly with the values of EvoQuip. Their local knowledge and



*edition 5*

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# What about creating a global federation for increased safety for demolition workers?

Something that has baffled me in all the years I've been reporting on the demolition industry is the somewhat weak focus on safety. The demolition industry is the sector within the general building and construction industry where there are undoubtedly the most workplace accidents during a working year when compared to other industry sectors. The construction industry is also the sector with the most fatal accidents. In 2019, 5,333 construction workers died due to work related instances in the US alone.

On a daily basis, demolition operators handle tools and machines of all sizes that can, and do, cause great damage if handled incorrectly. A sector with such great risks in daily work as demolition should have some form of overseeing institution that ensures that safeguards are in place in order to provide a safer workplace. Other sectors of the construction industry have this type of organisation or global body that works to increase safety through increased awareness and education. A very good example is the federation IPAF, which works with security issues regarding the handling of access equipment. Scores of manufacturers, trainers and rental companies worldwide are affiliated with IPAF. Something similar should exist for the demolition industry globally.

I know that many manufacturers really take safety issues seriously in the development and maintenance of their products. Safety issues are also a priority issue among our various industry associations. But it feels as if the industry associations and manufacturers are pulling in different directions, with the actual users of the equipment being left out, and they are the ones who ultimately have to pay the price.

Of course, it is in the interests and the responsibility of the users to learn how to handle tools and machines correctly so that they are not exposed to the risk of injury. There should however be a shared responsibility to find ways for those working in the demolition industry to better protect themselves and eliminate risks of injuries that often have had a fatal outcome. As I said, it works locally within industry associations and with the manufacturers, but I feel that there should be an international body that ties together all the safety know-how that exists and that it can be conveyed in an effective way to those who work with the equipment.

It is possible that I am completely wrong and creating such a global safety training unit is an impossibility considering how many types of demolition methods there are, and so many different types of tools and equipment that are used incorrectly on a daily basis. I do believe that it should be possible to scale down the work based on a number of criteria, with basic training of the most commonly used methods provided and the creation of routines that aim to reduce accidents. Maybe this body already exists and I have never heard of it. The point is that manufacturers, trade associations, contractors, trainers, lessors, etc. should be included as members

of this type of international organisation to improve safety for everyone.

As an international trade magazine, we would like to be part of such a project. It was just a thought and I appreciate your comments.



**Jan Hermansson**  
*Editor-in-Chief*  
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## Tractive with the Pentrunder brand plans for powerful expansion

Pentrunder products for concrete cutting in all its forms have a strong position on the world market. Although it's a bit shaky in some markets around the world, it doesn't seem to have any effect on Tractive, which develops and manufactures Pentrunder. When some manufacturers slow down in terms of investments, Pentrunder goes the other way and invests big instead.

Tractive has started a collaboration with the construction company ByggPartner re-

garding the expansion of its development and production facility in Borlänge, Sweden. The construction project will start in May 2024 and is expected to be completed in November 2025. The price tag for the expansion is estimated to be around SEK 80M and will include the construction of a new industrial hall that will contain expanded areas for development and manufacturing as well as office and staff spaces. PDi will follow the project as it progresses.

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



## TYROLIT ACQUIRES MAJORITY STAKE IN CONTEC

In a strategic move to strengthen its floor grinding and surface preparation business, the Tyrolit Group has acquired a majority stake in German company Contec Maschinenbau & Entwicklungstechnik GmbH. Contec, based in the Westerwald region of Germany, is a leading global supplier of state of the art machines for surface preparation and finishing.

In January 2024 the Tyrolit Group, a leading abrasives manufacturer and provider of system solutions for the construction industry, acquired the majority of Contec shares, a globally recognised company that produces cutting edge machines for surface preparation and finishing. These include floor milling machines, shot blasting systems, floor stripping machines, grinding machines, and extraction systems.

With this move, the Tyrolit Group has taken another significant step forward in expanding its market presence in the construction industries sector. "This strategic investment is another important milestone for the Tyrolit Group and our commitment to innovation and growth, especially in the area of floor grinding and surface preparation," says Andreas Sauerwein, a member of the Tyrolit executive board. He adds, "The partnership with Contec aligns perfectly with our goals to further strengthen our position and offer even more comprehensive solutions to our customers."

Contec's previous owners will remain actively involved in the company as managing directors and shareholders. This ensures a seamless integration while preserving Contec's identity and expertise.





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**Words from the EDA President**

# Demolition dynamics: new year challenges and opportunities

As 2024 begins to take its course, it presents us with a great opportunity to reflect on the current state of the demolition, decontamination, and recycling industries (DDR), as well as to analyse the past and think about the future. Last year was characterised by many changes; some of them positive, others, not so much. In particular, we could all feel the impact of the complex geopolitical situation, both in Europe and worldwide, as it has determined the development of the industry.

However, many great changes took place as well, especially with regards to training, safety, and technological advancements. We are already seeing robotics and automation play a significant role which will continue in the years ahead. Thus, there are definitely things that all professionals involved in the industry need to keep in mind as an interesting opportunity for growth.

Sustainability and environmental consciousness are also taking a front stage and affect the way in which we interact with the public and each other. As the European Commission's 2030 climate targets draw closer, more initiatives and regulations begin to apply to the construction sector. This constitutes a challenge to the industry, and it's a one we need to approach with caution. The companies involved in DDR, including demolition contractors, need time and resources to adjust to the situation. This highlights the need for collaboration and exchange of knowledge and ideas between the industry professionals and, in particular, public institutions.

Face to face events also appear to have returned for good, leaving online meetings as a thing of the past. In 2023, many successful events organised by both EDA and its members took place. From the NDA annual convention in Phoenix to the EDA annual convention in Amsterdam, and the World Demolition summit in Toronto, we can feel the excitement emanating from industry professionals to jump back into action.

So, what can we expect in the months to come? The forecasts vary greatly by any given country, although

most appear to point to slight growth during the year. We discussed some of these things in the European Demolition Industry Report 2023, published by the EDA back in June; and much of the forecasts made in it seem to be coming true so far.

For now, moving forward, maintaining our standards, and striving to improve are our main priorities. While those tasks are, in no way, easy ones, as they require innovation, patience and effort, the industry has shown that it is more than capable of adapting and overcoming any challenges the world has thrown at us.

On behalf of the EDA and myself, we wish you a great start of the year, and we are looking forward to working together with you for the betterment of the DDR industries and its people.

**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**



**Great hardware show for HSD Europe**

The manufacturer HSD Europe GmbH had a very successful Cologne Hardware Show in 2024. HSD has been a regular exhibitor at the Cologne hardware Show for years and were very satisfied with this year's edition. "We had a really good show with many visitors in our booth as well as longtime clients. We got many

positive reactions on our wide range of products and in particular our new developments. HSD will keep investing for further participations in international shows like Stone Tec 2024 and Bauma 2025", says HSD Europe's Managing Director Jeong Hwoan Yoon.

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

## Dynaset now ISO 14001 and ISO 45001 certified

In early 2024, Dynaset announced the attainment of two prestigious certifications: ISO 14001:2015 and ISO 45001:2018, complementing the existing ISO 9001:2015 quality certification. This demonstrates significant progress in the company's commitment to environmental responsibility and occupational health and safety. Dynaset's motivations and strong leadership steer its development work to produce

high quality operations. The project kicked off with commitment from the executive teams leading to a widespread implementation of measures throughout the company. Achieving the certification wasn't easy, as it required careful understanding of the standards and their requirements. With significant investment and key personnel, the certifications were achieved at the first attempt.



## Develon holds first European dealer conference

Under the theme of 'Onwards 2024', Develon held the company's first European dealer conference in Valencia in Spain in late February 2024. This was the first European conference under the Develon name since rebranding from Doosan Construction Equipment last year. The company normally organises these meetings every two years

with the last one held in Barcelona in April 2022. The 2024 event had an audience of 161 attendees, 116 of which were personnel from Develon European dealers. These were joined by several members of the HD Hyundai Infracore executive team from Korea, as well as managers from various areas of the company.

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SCAN ME

**Words from the DA President**

# Keeping an eye on the essentials in the circular economy

The Fachtagung Abbruch 2024 in Berlin was once again a successful industry event for the demolition sector with 124 exhibitors and over 1,200 visitors. On 22 March, the participants had the opportunity to network and exchange ideas well into the night. It is particularly pleasing that both the number of participants and exhibitors increased once again. New this year was that the conference had a specific theme – ‘Sustainability in demolition’ - which ran through the entire event and was omnipresent in the presentations and discussions.

In the panel discussions, the invited sustainability experts discussed, among other things, the recycling possibilities of R-concrete against this backdrop. Aside from the questions of whether the breakthrough of recycled concrete will succeed at all, and whether the hype actually makes sense from an economic and sustainability perspective, one central point should always be in focus: it is irrelevant whether R-concrete is used in the construction of a new high rise building, in the foundations of a wind turbine or in road construction as a new road surface. The most important thing is that the primary raw materials and the associated resources are conserved. Therefore, the question of whether a particular type of recycling is upcycling or (only) downcycling does not even arise. The main thing is that it is recycling.

As far as the two juxtaposed recycling options are concerned, companies must be free to choose the most sensible option. The choice should be made considering economic efficiency, environmental aspects (such as local recycling options) and sustainability. If we want to understand the circular economy in such a way that the built environment, i.e. the urban environment, should also be used as such, then the existing buildings and infrastructure are the raw materials that should be brought back into the cycle. The decision on which cycle to choose can only ever be made individually and locally. Hence the following questions are of crucial importance in this context: where can the most resources and the most processing and transportation emissions be saved?

The answers to these questions are always different. In one case, the production of R-concrete may be the more sustainable alternative to recycle the demolition material. In another case, using

the material in road construction may prove to be a better recycling alternative. In both cases, aggregates are returned to the cycle, which are available for many more demolition, processing and recycling cycles in the urban environment and thus for the circular economy. It should therefore not be the aim that the entire construction waste goes into the R-concrete, as it could happen that the material is missing in other areas (e.g. in road construction) and has to be replaced by primary raw materials.

The demolition industry plays a key role in a functioning and coherent circular economy. Without secondary materials from demolition, a genuine circular economy will not be possible. This year’s Fachtagung Abbruch, with its theme, ‘Sustainability in demolition’, and the related presentations and panel discussions, played their part. They also showed how sustainably the demolition industry has been working for years, or even decades, and the innovations with which it is preparing for the future. Perhaps this will finally give the industry the public attention and appreciation it has long deserved.

The great interest, lively discussions and audience participation at the Fachtagung Abbruch 2024 have shown that we are on the right track. However, there is still a lot to be done to make the circular economy sustainable and economical in order to protect the environment and primary raw materials in the best possible way.



**Johannes Schlerter**  
Chairman of the board  
Deutscher Abbruchverband e.V.



# GOLDHOFER AT THE MAWEV SHOW

**The 2024 Mawev show was held in St. Pölten-Wörth from 10 – 13 April. Goldhofer, one of the world’s leading providers of heavy and specialised transport solutions exhibited two of its vehicles designed for heavy haulage.**

The Mawev exhibited four axle ‘Trailstar’ is designed to carry high payloads at a comparatively low dead weight, resulting in a very impressive payload to dead weight ratio. It also has a low loading height and a user friendly design. This makes it ideal for daily transportation work with a wide variety of loads for the construction industry. It features a robust yet lightweight design and offers good vehicle handling stability plus optimised axle load distribution. It comes with Wader container locks for transporting 3.3m construction containers and is also available with Goldhofer’s ‘CargoPlus’ tyres for axle loads of 10t or 12t and a usable loading height of 780mm (-60/+140 mm).

The STZ-L 4 semi low loader with wheel recesses was another highlight at the Goldhofer stand. It was shown carrying a Liebherr L550 wheel loader. The STZ-L 4 is designed to

be a universal workhorse for everyday haulage operations and is ideal for the fast and safe transportation of construction machinery. Loading height can be reduced thanks to a straightforward locking mechanism in the wheel recesses. The height of the wheel recesses can also be easily adjusted to transport other goods such as tracked vehicles or general cargo. The STZ-L 4 has a payload capacity of 43t, which can be increased to 50t with ‘MPA’ axle technology.

“We are convinced that with our products and solutions we can meet and exceed the requirements and expectations of our customers in the heavy haulage industry. We warmly welcomed all visitors to stand L55 so that they could see the quality and capabilities of our vehicles for themselves,” says Levin Gosser, area sales manager Central Europe at Goldhofer.



## Develon opens new European training centre

Develon has opened a new European training centre at Allonnes close to Nantes in the west of France. Among the aims of the new centre is to provide dedicated conditions to update and develop the knowledge and skills of dealer personnel and the company’s service technicians and demonstrators. Located in an easily accessed location close to the Chateaux region of the Loire Valley, the new centre is

designed to provide a relaxing and attractive environment for all attending the new facility. Patrice Pesnot, head of training at Develon in Europe, said: “The new training centre is intended to provide an environment to allow participants to concentrate on Develon products, allowing them to remove themselves from their daily work and focus entirely on the training activities.”



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Piacenza Exhibition Center,  
Piacenza, Italy  
[www.gic-expo.it](http://www.gic-expo.it)

### INTERMAT 2024

24-27 April, 2024  
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France  
[www.intermat.fr](http://www.intermat.fr)

### M&T EXPO

April 23-26, 2024  
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Imigrantes, São Paulo, Brazil  
[www.mtexpo.com.br](http://www.mtexpo.com.br)

### CONCRETE EXPO 2024

May 8-9, 2024  
ExCel, Custom House, West Entrance,  
Event Hall Entrance N4-N5  
London  
[www.concreteexpo.co.uk](http://www.concreteexpo.co.uk)

### IFAT 2024

13-17 May, 2024  
Munich Exhibition Centre, Germany  
[www.ifat.de](http://www.ifat.de)

### EDA ANNUAL CONVENTION

13-15 June, 2024  
Hilton Belgrade Hotel, Belgrade,  
Serbia  
[www.europeandemolition.org](http://www.europeandemolition.org)

### HILLHEAD 2024

25-27 June, 2024  
Hillhead Quarry, Buxton,  
United Kingdom  
[www.hillhead.com](http://www.hillhead.com)

### DEMCON 2024

September 19-20, 2024  
InfraCity, Stockholm,  
Sweden  
[www.demcon.se](http://www.demcon.se)

### BAUMA CHINA

November 26-29, 2024  
Shanghai Exhibition Center  
Shanghai, China  
[www.bauma-china.com](http://www.bauma-china.com)

### DEMTECH India bcINDIA

December 11-14, 2024  
India Expo Centre  
Plot No. 23/25, Knowledge Park II,  
Freater Noida, New Delhi, India  
[www.bcindia.com](http://www.bcindia.com)



## NEWLY QUALIFIED APPRENTICE AT D-DRILL

Martin Williams joined D-Drill & Sawing's Bridgend, Wales, office as an apprentice just over two years ago after he decided he wanted a career change. He had previously worked in a window factory for ten years but when he found out about the opportunity to make the move to D-Drill he jumped at the chance. Now, two years on, he has passed his NVQ Level 2 in diamond drilling and sawing and is already looking ahead to progressing his career even further.

Martin said: "I am delighted to qualify. I am grateful to all the support I've had from experienced colleagues here at D-Drill, who have passed on so much knowledge and expertise to me. I've been undertaking the course through the Diamond Drilling & Sawing Association and it has been great to get a mix of practical experience and also the understanding of the tools we use and how they operate. I'm already looking into what my next stage of development is going to be and I'm looking into training on some of the Brokk demolition equipment as that would be another skill I could offer to clients."

He added: "I'd worked in a factory for ten years and I just fancied something different. I knew someone who worked at D-Drill and they recommended that I look into it. I love

the fact that I get to go all over Wales – and the rest of the UK – carrying out jobs on all different projects. No two days are the same and that's what I always say to people who are thinking about coming to D-Drill or getting into this industry. During my apprenticeship, I've been working on a massive job at the old Debenhams in Gloucester which has been a great experience for me.

"We've helped break concrete off a beam for the new steels to go in – 600 of them – and have created new openings in the floor that are up to 30m long. It has been a big piece of work and I'm looking forward to working on more jobs like this but, also, the jobs that just take a couple of days too because it means you are getting lots of variety."

Julie White, the managing director of D-Drill & Sawing, said: "I am very proud of Martin and all our apprentices nationwide and love knowing that they will be our next generation of operators across all our technologies and services. They will be our supervisors and branch managers of the future too. I am absolutely thrilled for Martin. He's a shining example of what a great industry this is and what can be achieved with dedication and hard work."

## JOSÉ CUADRADO APPOINTED GLOBAL CEO OF YANMAR COMPACT EQUIPMENT

Effective 1 April 2024, José Cuadrado has been appointed global chief executive officer of Yanmar Compact Equipment (Yanmar CE), and chairman of the board of Yanmar Holdings Co., Ltd. Cuadrado replaces Giuliano Parodi who, for the last six years, has successfully led the transformation of Yanmar CE. He is now transferring to manage the Yanmar group's strategy division, as chief strategy officer. A Spanish national, Cuadrado holds a master's



degree in business and economics from University of Valladolid (Spain).



## Hilti outperforms the market in a challenging year

With sales growth of 9.0% in local currencies (2.7% in Swiss francs), the Hilti Group closed 2023 with turnover of more than €6.62B. With this result, Hilti clearly outperformed the market and gained market share. Once again, the appreciation of the Swiss franc led to a significantly negative currency impact of 6.3% on sales. The operating result grew by 5.3% and reached €7.84M. Despite economic and geopolitical uncertainties, Hilti significantly invested into sales capacity, innovation and long term strategic projects.

An important growth driver was the completion of the global rollout of the new cordless platform 'Nuron'. In addition to the more than 70 tools launched in 2022, 30 new tools were brought to market. Investment into research and development reached €462M (+3.9%), equal to 7.0% of the group's sales and underlining Hilti's strong focus on innovation. Following the acquisition of Fieldwire Inc. in 2021, Hilti acquired the 4PS Group in 2023, a Netherlands based local market leader in developing and providing business management solutions for the construction industry. As of the end of the year, the Hilti Group had 34,111 team members, an addition of 1,624 (+5.0%) compared to the previous year.

The operating result increased by 5.3% to €784M while net income decreased by 0.9% to €570M. The return on sales (ROS) improved by 0.3%, reaching 11.8% (2022: 11.5%). The return on capital employed (ROCE) increased by 0.1% to 13.3% (2022: 13.2%). Construction market forecasts point to a further softening with negative real growth in several geographies. The ongoing geopolitical tensions and the volatility in the financial markets will likely lead to a further appreciation of the Swiss franc. In 2024, the Hilti Group expects mid to single digit sales growth in local currencies and a similar ROS level in Swiss francs compared to 2023.

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**EDA**

# comes to Belgrade

***It is soon time for European Demolition Association's Annual Convention 2024. This time EDA comes to Belgrade. Here is a summary of the agenda.***

The European Demolition Association, EDA, returns once again with its Annual Convention.

This time, the yearly event will take place from 13-15 June in the famous White City: Belgrade, Serbia. The annual convention will be organized in collaboration with the European Decontamination Institute, EDI, and Serbian Demolition Association, SDA. It will reunite the demolition, decontamination and recycling (DDR) industry professionals from all around the world. The EDA Annual Convention 2024 will take place at the Hilton Belgrade Hotel.

### Workshops and General Assembly

Everything starts on Thursday, June 13th at 10.30 with the first workshop that has the headline "Definition of roles and attraction of new talents in the demolition industry". The workshop is headed by Duncan Rudall, NFDC, and Jose Blanco, EDA General Secretary. At 12:30 Roberto Agostoni from Hammerglass will present the case study with headline "Knowledge and caring is good – standards and regulations, even better". This case study will be followed by another case study with the headline "The mechanisation of Jobsite as a solution for the labour shortage and process optimization" held by Harold Thum from KTEG. After the lunch break the second workshop will start with the headline "Digital tools for circular economy and pre-demolition audit" held by a representative from Tecnalía. The conference day will finish with the EDA General Assembly, which is only for members.

After a couple of hours leg resting a welcome cocktail will take place at 19.00 in the hotel's sky bar.

### Conference day and gala dinner

As usual a quite busy day. All presentation will be multilingual conferences with simultaneous interpretation.

After reception and accreditation of the participants EDA President Stefano Panseri will hold the official opening of the conference. This will be followed by the first conference session. Serbian Authorities will make a institutional presentation followed by a speech of Piotr Kowalczyk from the European Commission DG Environment concerning the Circular Economy Transition in the EU Taxonomy. Steve Andrew from ERM will present a case study: "Designing for demolition whilst driving the principles of the Circular Economy".

Duncan Rudall, NFDC will speak over the subject "Defining roles and responsibilities of the demolition professionals and attracting new workers".

After a coffee break the second conference session will start with Marco Camboni from RPA Europe giving an update on EU Construction and Demolition Waste Protocol.

Ioannis Anyfantis, EU-OSHA will talk about advanced robotics and task automation under the headline "Implications for Occupational Safety and Health". This

will be followed by the speech "Contractors' challenges in the future end-of-life projects" held by Kurt van Stappen, Tractebel.

After lunch Gordana Materljan from European Commission – DG Employment will present the revised provisions of the European Asbestos at Work Directive. Marianne Hedberg from the Swedish company Miljöbygg will talk over the subject: "Insulation: can it be a climate hazard?". Vladimir Michal from International Atomic Energy Agency will talk about: "Nuclear Decommissioning: perspectives, challenges and opportunities".

After a coffee break the fourth conference session will start with the case study "Close loop recycling of glazing" held by Contino Antonella from AGC Glass Europe. Another case story will be held by Kurt Bicker from Max Wild with the headline "Civil Demolition of the Neckartal Crossing". The professional programme will end around 17.30. As it is customary, the EDA gala dinner will be held in the evening of the conference day and the location is The White Palace in Belgrade. Located in the heart of the city, it is known for its classic interior, beautiful gardens and rich history. The gala dinner starts at 20.00.

### The sponsors

The sponsors of the EDA Annual Convention 2024 are as follows. Gold sponsors are ACDE Europe, Beilite, Steelwrist and Caterpillar. Silver sponsors are Dynaset, Demarec and KTEG.

Bronze level sponsors are Arden Equipment, Indeco, AMS, MB, VTN Europe, Shearcore, Genesis, Hammerglass, Keestrack, Rotar, OilQuick and Develon. For more information and registration of the event please visit the EDA website.

[www.europeandemolition.org](http://www.europeandemolition.org)





# DEMOLISHING ROCK WHILE SAVING ON FUEL\*



**\* Indeco HP-FS hydraulic hammers use up to 20% less fuel than rival products in the same class.**

What sets Indeco equipment apart is not just its functionality, but also its fuel-efficient design. The Fuel Saving hydraulic system, operating at lower working pressures and reduced oil flow rates, helps HP-FS series hydraulic hammers deliver optimum performance and maximum productivity, while cutting fuel consumption at the carrier.



## BHS-SONTHOFEN FOCUSES ON METAL RECOVERY AND BATTERY RECYCLING

*BHS-Sonthofen will be focusing on metal recovery from metal containing waste materials at this year's IFAT (Booth B4-351/450) and the efficient and safe recycling of lithium ion batteries.*

BHS-Sonthofen will be splitting its booth into different topic areas, showcasing how it is fulfilling the recycling of metal containing residual and waste materials and battery recycling. "We see the pure recovery of valuable metals as one of the key issues in the industry," says Daniel Zeiler, head of the recycling technology division. "In recent years, BHS-Sonthofen has continuously invested in development to further improve metal recovery from a wide variety of input materials. Depending on the material, we offer an optimised process tailored to our customers' individual requirements, along with the core machines needed from our own production."

### Complete solutions

Battery recycling now plays a key role in the development of sustainable energy storage solutions. A few years ago, BHS-Sonthofen developed a new, safe process for the efficient recycling of lithium ion batteries, which has since proven to be a success on a production scale with several customers. "We are the only provider that covers all the key process steps in mechanical battery recycling on a technological level, uniquely offering the relevant process modules from a single source. Customers benefit from our extensive experience and the combined process expertise in processing and traditional process technology," Zeiler explains.

### Comprehensive portfolio

BHS-Sonthofen offers a comprehensive range of machine technology and full scale plants, including separation and screening technology for the efficient

processing and pre/post shredding of valuable waste materials. The latest product development for pre-shredding is the 'Rapax', which is particularly suitable for processing various metal fractions and e-scrap, as well as commercial and industrial waste. When it comes to pre-shredding batteries, the 'VR' rotary shear is often used, whilst the 'NGU' universal shredder is used for pre and post shredding in a wide variety of applications, such as non-ferrous light metals, batteries, data carriers, cables, and refuse derived fuels.

For the specialised selective shredding of e-scrap or light metal scrap, BHS offers the low maintenance and durable 'RS' rotor shredder that is designed to selectively shred, isolate and clean the input material using impact, shock and shearing forces. Metal components are optimally dissolved and particle sizes are reduced in a targeted manner. The high performance 'RPMX' rotor impact mill crusher also isolates different materials from pre-crushed metal containing material composites and removes cable sheathing and other adhesive substances from metals.

BHS will also show solutions for separation, sorting, and classification technology. Investment in Swiss company RW Recycling World has made it possible to integrate technologies and machines from this sector into BHS processes. "As our Group is headquartered in Allgäu, IFAT essentially brings the international industry meeting place to our own doorstep. We look forward to providing visitors from all over the world an insight into the value chain with processes and technologies from BHS-Sonthofen," concludes Zeiler.

## KOMATSU READY TO LAUNCH NEW 13T ELECTRIC EXCAVATOR


Following its introduction in Japan, Komatsu now plans to introduce the 13t PC138E-11 to Europe. The company states that it is working to achieve carbon neutrality by 2050 by expanding its product lineup and meeting customers' needs.

By equipping a high capacity lithium ion battery and integrating a cooling system for the battery and electric components for the PC138E-11, Komatsu states that it has achieved long operation time while reducing the rear end swing radius. The company says it is working with a variety of customers, with different machine operating conditions and power supply sources, and envisage that this machine will be used as a rental machine so that they should be able to experience its environmental friendliness and safety. In this manner, Komatsu will accumulate customer feedback and knowledge and promote the formation of the electrification market.

Komatsu positioned FY2023 as the first year for the market introduction of electrified construction equipment, and the release of the PC138E-11 is the fourth step in that direction. Hydraulic excavators are the most versatile type of construction equipment, and the 13t class is used in a wide range of jobsites and applications. By capitalising on the launch of this machine, Komatsu states that it is set to develop a broad range of new customer needs and establish the market for electric construction equipment.

At Intermat 2024, Komatsu Europe will present the PC138E-11 excavator with a 'Smart Construction 3D' machine guidance kit, said to be a simple and flexible technological enhancement now available for a broad range of Komatsu machines. The kit provides an accessible way to add 2D and 3D machine guidance and can be customised with various options that allow the kit to better accommodate each customer's machine configurations and operating conditions.





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# BREAK IT UP!

***Concrete and rock can put up a tough fight, but they're no match for the innovative products developed by the world's breaker and hammer manufacturers.***

**S**tressing impact power, operational efficiency, and long term durability, these machines pack the right kind of punch for every application, whether it's at an urban redevelopment site or in a remote quarry. In addition, they're better suited to a changing climate while also being easier to maintain - a big benefit for the planet and every contractor's balance sheet.

**Indeco 'HP' fuel saving hydraulic hammers offer maximum productivity with minimum energy consumption**

In an increasingly competitive landscape that includes dealing with climate issues and rising energy costs, the search for efficient and sustainable solutions has become an absolute priority for demolition and recycling contractors. Anticipating this need, Indeco introduced its 'HP Fuel-Saving' hydraulic hammers some years ago, focusing particular attention on combining maximum productivity with energy savings.

Indeco HP Fuel-Saving hammers are built to ensure superior performance, while the company says consuming 20% less fuel compared with other manufacturers'

models, with weight and performance being equal. This is thanks to the upgraded hydraulic system that optimises hydraulic power and reduces engine speed. The HP series has a single moving part - the distributor - in line with the piston. The internal oil distribution system has no grooves, no direction changes, no diameter reduction, and an almost total absence of seals. All this adds up to extremely efficient hydraulic action with low friction. The exact opposite occurs in gas powered hammers which have a distributor, located away from the piston, divided into two or more parts, a complex hydraulic distribution arrangement and a large number of seals. All characteristics that cause an inevitable loss of energy and which, consequently, require working at high pressure and consuming more fuel.

A patented automatic speed energy impact variation system is another advantage found in Indeco hydraulic hammers which is capable of adapting to the hardness of the rock, thereby making the best use of the impact energy to the advantage of productivity. Indeco states that in a recent comparison of running costs, the HP 18000 Fuel-Saving hammer, Indeco's largest model, required 18.3% less energy to achieve the same results

as a gas powered counterpart. This translates into a saving of 22,200l/year of fuel. Indeco states that its Fuel Saving line delivers a reduction in emissions equal to 50,600 kg of CO2 per year.

**[www.indeco-breakers.com](http://www.indeco-breakers.com)  
[www.indeco.it](http://www.indeco.it)**

**Unique, patented 'IPS' system takes Epiroc hydraulic breaker performance to a new level**

Many of Epiroc's rig mounted heavy hydraulic breakers now feature its patented 'Intelligent Protection System' (IPS). Seamlessly combining the popular 'AutoControl' and 'StartSelect' functions, this fully automated system is designed to provide simpler, more efficient, and more economical operation than ever before. These functions have been popular on Epiroc hydraulic breakers for some years. AutoControl optimises breaker performance by automatically adjusting the piston stroke length, while StartSelect offers manual switching between two modes: the 'AutoStart' mode enables easy positioning at the beginning of the breaking cycle, and in the 'AutoStop' mode the breaker stops automatically to avoid blank firing at the end of the breaking cycle. IPS ensures that

the hydraulic breaker always starts in AutoStart mode. When the contact pressure between chisel and material increases and AutoControl switches from a short piston stroke to a long piston stroke, IPS switches automatically to AutoStop mode. When the chisel breaks through the material, the breaker automatically shuts off and prevents blank firing.

IPS has been designed to make the breaking process even simpler for the operator by automatically adapting the breaker's operating behaviour to any working condition. Its fully automated functionality also increases uptime; with no operator intervention or reaction required, there is no interruption of the working process. Epiroc says the system permits more accurate and significantly faster positioning of the breaker, thanks to the centring effect, and avoids blank firing that often results in tool damage. This also eliminates mechanical strain on the carrier, while also extending the life of all wear components. The physical load on the operator is minimised as well. IPS is available with Epiroc heavy breaker models HB 2000, HB 2500, HB 3100, HB 3600, and HB 4700.

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

**Rammer's compact hydraulic hammer trio**

In the bustling world of heavy machinery, there also exists Rammer's compact hydraulic hammers - the E01, E02, and E04. Despite their small size, these tools pack a mighty punch in output and performance, redefining what's possible for mini excavators, skid steers, and smaller walk behind electric machines. All models feature Rammer's innovative 'CBE' (Constant Blow Energy) solution where the hammer delivers maximum impact on every blow with higher productivity. Designed to be versatile and efficient, these hammers are said to excel even in hard to reach and tight areas, ensuring no job is too challenging.

The Rammer E01 is suited for carriers ranging from 0.4t to 2.8t. Despite its relatively small size, the E01 boasts the power of Rammer, ensuring peace of



mind and smooth operations in various applications. The Rammer E02, is tailored for carriers between 0.7t to 4.5t. With power packed into its compact frame, the E02 continues the legacy of its predecessor, delivering exceptional performance across diverse applications. The Rammer E04, is designed for carriers from 1.2t to 6.0t. With its compact size and power, the E04 represents the culmination of Rammer's expertise and dedication to excellence. Its modular body design structure ensures versatility throughout its lifecycle, while optional features enhance durability. This makes the E04 a reliable companion in any endeavour.

For those seeking to enhance the capabilities of their compact hydraulic hammers, Rammer offers the 'RD3' data module. Using this enables contractors to easily track the location of their hydraulic hammers in real time, providing valuable insights into their whereabouts

and how the hammers are being used on the job site. Rammer's compact hydraulic hammers also feature an automatic greasing system that ensures crucial components are properly lubricated during operation. This ensures enhanced performance, reduced maintenance downtime, and improved equipment longevity.

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

**FRD's Fx175 Qtv features enhanced durability, less maintenance**

Furukawa Rock Drills' Fx175 Qtv mid-range 14.46kN hammer is designed for use on 13t to 22t excavators and pedestal systems. According to information from FRD, the 1,400kg model offers improved durability, with features that include a square, monoblock body design, while the elimination of through bolts reduces maintenance and failure. A replaceable cylinder liner



with concentric porting keeps the piston aligned for maximum impact performance, while a patent pending dust prevention system incorporates grooves to trap contaminants on the upstroke and expel them on the piston downstroke. A cushion ring acts as a secondary trap. These features are designed to improve the life of the piston, bushings, and working steel. With an adjustable rate of 450-600bpm, the Fx175 Qtv is also designed to accommodate automatic lubrication systems for quick daily maintenance. Excavators equipped with a quick coupler can take advantage of FRD's 'Floating Top-Mount Boss' mounting system, which incorporates standard mounting hardware while meeting 'OEM Pin Centres' for specific carrier mounting, eliminating the need for specific OEM top caps.

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

## HD Hyundai launches 'HRB' breakers

HD Hyundai is adding to the versatility and productivity of its extensive line of wheeled and crawler excavators with the introduction of a range of silenced hydraulic breakers. The HRB Series hammers are said to be packed with innovative features to provide efficient performance and high impact energy. They are available in six sizes, with varying specifications available on larger models. All feature a silenced box housing, to reduce external noise levels, making them suitable for use on urban projects. They have a urethane damper designed to prevent vibration being transmitted to the carrier machine, thereby reducing wear and improving operator comfort. The front head assembly also incorporates a bushing to reduce shocks from the working tool.

High quality steels are said to have been used in the main cylinder and in the piston, with an advanced heat treatment process which Hyundai says delivers best in class service life for the main through bolts. A choice of high grade tools includes a conicalmoil point for demolition, concrete and hard ground. A pyramidalmoil point can be used for trenching, general excavation, asphalt, quarrying and reinforced concrete. The flat wedge chisel is also ideal for trenching and general excavation work along with mass excavation in quarries and for reinforced concrete demolition. Lastly, a blunt flat end is designed for block splitting, compacting abrasive materials and concrete slab demolition work.

Several options are available on the two larger breakers. All HRB140 and HRB250 models come with auto greasing through a front head grease hole and a cylinder head grease hole. HRB140 and HRB250 models can also be ordered with anti-blank firing technology. The HRB250 is available with a nitrogen gas accumulator in the back head section, increasing the impact energy of the piston. The HRB030 is designed for mini excavators with operating weights of 1.2t-3t. The breaker features an impact rate of 700-1,200bpm. The HRB040 is for 2.5t-4t mini excavators and boasts an impact rate of 600-1,200bpm. Machines weighing 4t-7t are suited to the HRB050, which has an impact rate of 500-900bpm and the HRB060 works with 6t-9t machines, offering 400-800bpm impact rate. For larger excavators, in the 10t-15t class, the HRB140 delivers 350-700bpm. The HRB140 is offered in three specifications, with auto greasing, with anti-blank firing or with both options. The largest model in the lineup, the HRB250,

is designed to work with 18t-26t machines, it has the accumulator and auto greasing as standard, plus it can be had with anti-blank firing if desired.

All HD Hyundai HRB Series breakers are delivered with a choice of two chisels and they come with a standard two year manufacturer's warranty. Though designed to deliver 'the ultimate' performance with the 'A-Series' range of HD Hyundai excavators, the HRB breakers can be used with other manufacturers' carrier machines, to suit customers with mixed fleets.

[www.hyundai-ce.eu](http://www.hyundai-ce.eu)

## Mazio 'XL' rock breakers for quarrying and demolition

The heavy duty XL Series of hydraulic rock breakers from Mazio Attachments LLC are designed to provide reliable performance in the most demanding applications, from quarries and mining, to tunnelling and trenching to demolition. Designed for carriers from 1t to 140t of operating weight - including mini excavators, skid steer loaders, backhoe loaders, and excavators - Mazio XL breakers are designed to withstand the brutal conditions faced in these applications, providing reliable performance day in and day out. They feature a closed case built from 100% Hardox steel to protect the body from wear and impact. In addition, a number of standard features also lend to the breakers' durability, including anti-blank-fire technology, which minimises wear; an energy recovery system that reduces the required oil flow; and the breakers' double damping system that results in less vibration. Variable impact speed and power can be manually tuned using an Allen key, allowing the operator to adjust the breaker for correct productivity. A lower breaker speed provides enhanced power, while higher speed reduces the power, depending on the application needs.

All Mazio breakers come with a five year warranty. They also are available with the company's exclusive vibration activated 'Digital Hour Meter', which accurately measures the tool's operational hours, differentiating from the carrier hours, ultimately providing better tracking for preventative maintenance activities and billable hours. A 12 year integrated, sealed battery powers the meter as it automatically and autonomously tracks the tool's impulse during operation, calculating its true work hours. A fibre glass reinforced heavy duty rubber case protects the meter from harsh working environments.

Mazio offers six XL breaker models for 30t to 140t mining duty excavators, with tools ranging from 3.4t





# ANY ATTACHMENT ANYTIME



**“OILQUICK MAKES THE JOB SO MUCH EASIER”**

*Says Ian Musto, Managing Director of HCD*

HCD Ltd Demolition in Hereford carries out small and major demolition jobs all over the UK. From the moment they put OilQuick’s automatic quick coupler system on their machines it has been an increasing investment.

– Once you purchase OilQuick you don’t really look back. You never want to return to the conventional ways of changing hydraulic attachments, says Ian Musto, Managing Director of HCD.

– OilQuick just makes the job so much easier. You can change attachment in a matter of a minute.

So yeah, OilQuick is beneficial in all ways for us, Ian Musto concludes.



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# Experts in demolition

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WORKING HEIGHT:

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## CRAWLER WIDTH

WHEN RETRACTED:

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\* Spare parts, labour and travel included



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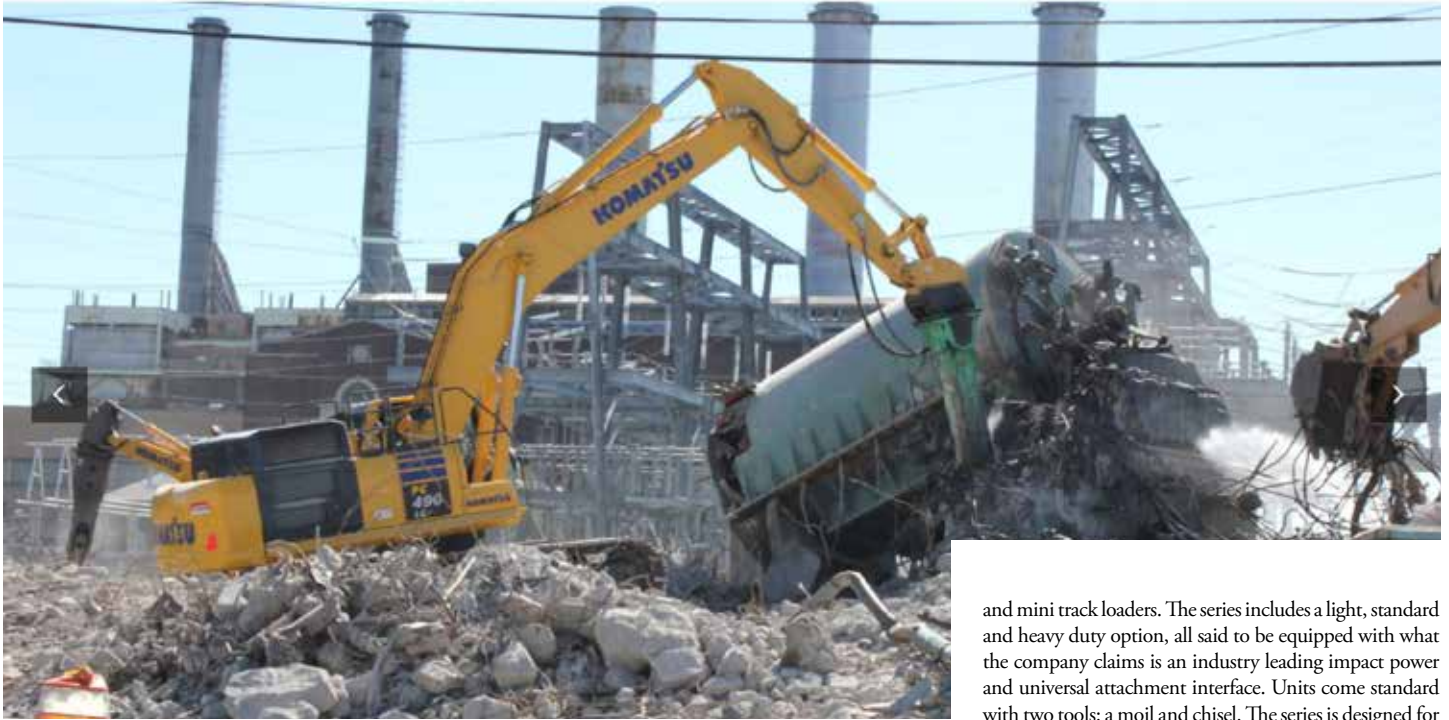


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in weight and 2,980 mm in length to 11t in weight and 5,000mm in length. For excavators 1t to 36t, five breaker models range from 1t and 2,050 mm to 2.6t and 2,650 mm . For compact carriers, there are six breaker models available from 130kg and 990 mm to 580kg) and 1,800mm. Tool choices include cone shaped tool for universal use in concrete and rock; chisel tool for rock breaking, concrete demolition, and asphalt breaking; cylinder tool for drilling and concrete demolition;moil point for universal use in concrete and asphalt and a blunt tool for demolition.

Mazio Attachments LLC is an Italian manufacturer of specialised attachments for the construction, demolition, recycling, mining, aggregates, excavation, scrap, and forestry industries. With engineering and manufacturing facilities located in the United States, Italy, and Colombia, Mazio designs its distinctive purple attachments to work with all makes and sizes of carrier machine, from hydraulic excavators, skid steer loaders, and backhoes to wheel loaders, telehandlers, and more. Mazio attachments are available through a growing dealer network or direct, depending on location. The company offers immediate delivery for spare parts and service, and field training for operators.

[www.mazio.us](http://www.mazio.us).

### Meet Montabert's 'Premium' heavy breakers

Montabert Premium heavy breakers are designed for all types of carriers, from 18t to 120t, and are ideal for a variety of applications, including demolition, excavation, quarrying, and mining. According to Montabert, the models' automatic variable speed technology senses changes in material hardness and adjusts impact energy and striking rate. This increases productivity, based on the application, and reduces blank firing. The technology also reduces unnecessary harmful energy from transferring to the carrier and breaker, helping to prevent wear on parts and components. Other features include an energy chamber that acts as a hydraulic shock absorber and reduces pressure variations in the hydraulic circuits to provide consistent energy to the breaker. This system

is designed to minimise pressure spikes and keep the charge constant, with no periodic maintenance required. A progressive start system prevents slipping by creating a small recess in the material before full power is applied. Blank fire protection reduces damage on all wear parts by providing a cushion of oil that reduces the energy, while automatic lubrication ensures the breaker is constantly lubricated to improve the life span of wear parts and components. An automatic pressure regulator is designed to ensure hydraulic breaker operation pressure regardless of changes in outdoor temperature, delivering maximised performance across a large range of carriers.

In addition, Montabert recently introduced a re-designed cradle/housing for the V32 breaker, built for carriers from 18t to 30t.

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

### Nitrogen breaker series from Ignite Attachments

US based Ignite Attachments continues to expand its lineup with a new series of nitrogen breakers for skid steers, loaders

and mini track loaders. The series includes a light, standard and heavy duty option, all said to be equipped with what the company claims is an industry leading impact power and universal attachment interface. Units come standard with two tools: amoil and chisel. The series is designed for a long life and minimal maintenance. Ignite breakers also use Faster brand connect under pressure couplers and full nylon hose sleeves for easy, dependable operation even in challenging demolition applications. All models are pre-charged, ready for the jobsite.

The light duty model weighs 228kg and has an impact energy of 290-320Nm. It requires a hydraulic flow of 26.5-53l/m. The 381kg standard duty model requires a flow range of 41.6-58l/m and provides an impact energy of 590-630.5Nm. The heavy duty model weighs 456kg with an impact energy of 778-1,055-1110.4Nm. Hydraulic requirements are 49.2-91l/m. By using a nitrogen boost, Ignite breakers are designed to be able to increase strike energy without increasing attachment weight for the optimal power to weight ratio. Units are pre-charged before shipping, but also arrive with a nitrogen charging tool kit for easy long term maintenance.

Ignite also offers a free online 'Fit Finder' tool that identifies the perfect breaker for existing equipment





based on thousands of specs from across compact equipment brands. The company also provides transparent pricing and inventory availability, same day processing for most orders, and direct shipping.

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

#### Takeuchi sound suppressed hydraulic hammers provide quiet productivity

Takeuchi's sound suppressed hydraulic hammer line includes seven models with what are said to be excellent power to weight ratios suitable for a variety of applications. As Takeuchi hammers are sound suppressed, they can be operated in quieter environments with less noise disruption throughout the surrounding area. The TKB52-S, TKB72-S, and TKB102-S are compatible with compact excavators ranging from the manufacturer's TB210R to the TB230. The TKB-302S, TKB402-S and TKB802-S work well with Takeuchi compact track loader models ranging from the TL6R to the TL12V2/R2 and compact excavator models ranging from the TB235-2 to the TB290. Finally, the TKB1702-S is compatible with Takeuchi's TB2150 and TB2150R compact excavators.

Designed to provide excellent noise and vibration insulation, the sound suppressed design of every Takeuchi hammer also protects the unit from dust and debris. Constant blow energy ('CBE') allows for a wide range of oil flow settings and protects the hammer against high back pressure. An integrated, membrane type hydraulic accumulator eliminates nitrogen leakage and the need to recharge for lower operating costs and consistent impact energy. The compact and medium hammer ranges feature fewer internal parts and no tie rods, as well as a three in

one lower tool bushing designed for enhanced durability and simpler maintenance. A single retaining pin makes it easier and faster to replace the tool and tool bushing onsite when necessary. Swivel couplings on the medium range TKB302-S, TKB402-S, and TKB802-S models, allow hoses to move freely, reducing the load on both the hoses and hose couplings for longer component life.

[www.takeuchi-us.com](http://www.takeuchi-us.com)

#### Develon 'HB-Series' hydraulic breakers now available in North America

Develon's HB06H and HB15FH hydraulic breakers have been designed for high performance, long lasting durability, and easy maintenance even in the most punishing demolition, mining and quarry, and general construction applications. According to the manufacturer, the two models boast high quality materials and components for a long lifespan. The breakers' durability is enhanced through an advanced heat treatment process and the use of quality materials for key components, such as the cylinder and piston. The low noise housing is said to be ideal for excavators working in urban areas where noise levels must be controlled or where local regulations require damped breakers. The HB06H and HB15FH are compatible with Develon's DX62R-7 and DX63-7 6t mini excavators, DX140LC-7 and DX140LCR-7 14t crawler excavators, and DX140W-7 wheel excavator.

[www.develon-ce.com](http://www.develon-ce.com)

#### Go cordless with Hilti's TE 50-22 rotary hammer

In the handheld category, Hilti's new TE 50-22 is a versatile cordless rotary hammer drill that the company says provides great performance to weight for drilling, chiselling, and

coring. The model weighs only 6.8kg, including the battery, making it easier to use and transport. The TE 50-22 has an optimum drilling range of 15.9mm - 31.75mm and single impact energy of 6Nm. It's ergonomic design and 'Active Vibration Reduction' (AVR) technology also helps reduce user fatigue on the jobsite, while Hilti's 'Active Torque Control' (ATC) provides more protection from tool over rotation when drill bits get stuck.

The TE 50-22 is powered by Hilti's all new 22V 'Nuron' platform, which is said to provide the performance of corded with the convenience of battery tools.

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

#### New updates from TABE

Tabe hammers have been pioneering tie free design since the launch of its first monoblock hammer in 1997, the AGB 370. Its compact design and simplicity result in a reliable, robust and durable hammer. In recent years Tabe has updated its compact light range, resulting in more powerful hammers with a lower tip weight. As a result of this update, the most iconic model, the MT 375 for excavators between 5t and 8t, will be replaced by the new MT 385. Along the same lines, the MT 275 (for machines of 4t-7t) has also been updated to the new MT 285 with Tabe working on the renewal of the light range to offer a new generation of hammers with improved efficiency and performance. In addition, some optional extra elements have been developed such as hose protection and the spray system. With these accessories, Tabe aims to offer more versatile hammers, capable of working in very diverse environments delivering optimal performance.

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

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**Beilite's BLTB Series 3 revolution**

ACDE Europe proudly presents Beilite's latest generation of hydraulic breakers: the BLTB-175-W-3 to BLTB-260-3-W, Series 3. This series raises the standards for power, versatility and efficiency to a new level. With the BLTB Series 3, Beilite Europe proves that high-quality and innovative solutions can go hand in hand. This series is perfect for direct mining, demolition, tunnelling, and underwater work, designed to maximize efficiency and productivity. BLTB Series 3 delivers more power with less weight, making them ideal for smaller excavators, without compromising on performance. Advanced design technology reduces fuel and transportation costs. Highlights of Series 3

include models for excavators with an operating weight of 40,000kg to 160,000kg. Among its features are a professional air duct for underwater and tunnel work and a choice of impact piston to meet the needs of any project. New covers for the chisel locking axles improve safety and durability, while extra wear-resistant housing guarantees durability even under extreme conditions. And, the BI-BLUBE automatic lubrication system ensures optimum lubrication and extends the service life of the equipment. An optional dust protection system to protect the breaker's wearing parts is also available. Also from ACDE Europe is the ASG demolition and sorting grabs that can maximize efficiency. Suitable for large excavators up to 50 tons, the revolution-

ary ASG demolition and sorting grabs from ACDE Europe offer low weight and low overall height for optimum handling. Wear-resistant steel and hardened, chrome-plated bearing pins enhance robustness, while a 360° rotation provides unsurpassed flexibility. ACDE Europe's ASC series of hydraulic pulverizers is also something new that make the contractors work easier, faster and more effective. The series includes a model for every excavator, with complete cylinder protection that ensures the attachment always delivers what it promises. A fast-action valve provides more power, less waiting time, and maximum performance.

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# FACHTAGUNG ABBRUCH 2024

***On 22 March, Germany's trade association for the demolition industry, DA, held its annual one day conference in Berlin. A total of over 1,200 people participated, and in parallel with the conference itself, a trade show was also held with 124 exhibitors.***

**W**ith a theme of sustainability, the event was a great gathering for the German demolition industry. In German the event is called Fachtagung Abbruch, which translates as 'Trade Union Day for Demolition'. PDi Magazine has covered Fachtagung Abbruch for many years and this year the magazine also exhibited with its own stand.

### **Best demolition gathering there is**

Fachtagung Abbruch is the world's largest annual conference and tradeshow for the demolition industry, even though it is mainly aimed at the German industry. PDi also believes that it is the best gathering internationally for the demolition industry. This is due to the event being very professionally organised by the German industry association, DA, with an interesting programme of lectures and discussions running throughout the day which comprised of a series of interesting and important

discussion topics which proved to be of great interest to the attending German demolition contractors.

Furthermore at Fachtagung Abbruch, there is none of that back slapping where industry awards are given for meritorious efforts to what seems to be a very small clique of industry players. This is a serious event, where those who participate really get value for the conference fee and take something home with them that they really can use in their business. What is also impressive is the large attendance at the various lectures. This year over 1,200 people attended the event and most of them also attended the lectures, with the dominant theme being sustainability.

### **Several interesting lectures and discussions**

The day began with Andreas Pocha, CEO of the German Demolition Association, welcoming everyone and opening the event with the words: "The topic of sustainability is a welcome opportunity for the demolition industry".

It was the starting point for a panel discussion on the subject and how important the demolition industry's processing of demolition materials is in order to create a sustainable circular economy. Then Johannes Harzheim gave a review of the last 20 years of recycling work in the demolition industry, with the title of his lecture being 'Sustainability in demolition – status quo and visions'.

The day continued with sustainability experts Dr Christian Berg, Thomas Hagedorn, Sybille Mai and Johannes Schlenker discussing what emerged during the panel debate earlier in the day. The discussion was moderated by Kristina zur Mühlen.

Together with the participants, Kristina zur Mühlen addressed, among other things, the thesis put forward by Prof. Dr. Berg that all other options should first be carefully considered before demolishing a building. The primary goal for the entire economy is to conserve resources, which, according to Thomas Hagedorn, no other industry does better than the demolition sector in



Peter Lam presented a new improved locking mechanism, LockSense, for quick couplings developed by Steelwrist. More on that in a coming issue.



Martin Müller from Janser with the new Kondor grinder.



A rather new player on the global market for demolition attachments, Turkish manufacturer MGS. From the left Nafiz Serhan Usman and Illya Sopnyev.



Fachtagung Abbruch in Berlin the best in gathering for the European demolition industry, maybe even for the world.



From the left Paulo Mantovani, Jacobo Mantovani from BMI with Jan Hermansson and Vitor Hermansson from PDi.



Colleagues and competitors, Ben Chambers from Demolition Hub magazine and Jan Hermansson, PDi.



Louis Broekhuizen from Rotar revealed some quite interesting news that we will come back to in PDi issue 3.



Johannes Schlenker (left), chairman and Andreas Pocha, managing director for the German Demolition Association.

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view of the over 90% recycling rate of mineral building materials. However, it is important to replace the word 'waste', for example, and to use a more positive term in order to raise the public profile of recycled materials and the demolition industry.

The thesis further stated that although acceptance has increased somewhat since the Substitute Building Materials Ordinance came into force, the public sector must play an even greater role and fulfil its exemplary function. It should therefore also be mandatory to include recycled materials in tenders and not just primary building materials. Overall, Prof. Dr. Christian Berg believes that more needs to be done to raise awareness of the issue of used materials. Sybille Mai advocates including construction products industry in the cycles. She sees future collaborations with manufacturers and recycling companies as an opportunity for the industry, with the aim of bringing many high quality materials into the cycle. Whether reusing or recycling, according

to Johannes Schlenter, both should be equally valued, because the main thing is that the materials remain in the cycle.

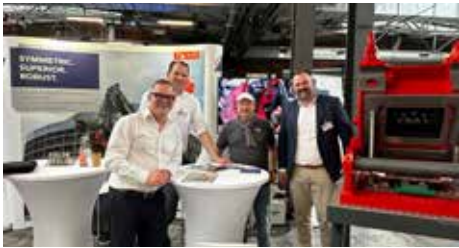
The next topic discussed on stage was concerning new approaches to R-concrete, digitalisation and the EU Taxonomy Regulation. These topics were covered by six different presentations given by Lena Näßl, Michael Appel, Katrin Bahlo, Dr Christine Lemaitre, Valentin Gutknecht and Katrin Mees. Lena Näßl and Michael Appel from PST Spezialtiefbau Süd GmbH, presented a test series with concrete with 100% recycled aggregate in their presentation, 'Urban Mining in perfection', which covered how to make the production of concrete more sustainable.

Katrin Bahlo explained the advantages of digitisation for the demolition industry and presented the functions of the Madaster platform, which can provide information on the amount of secondary material, material recycling and the dismantling of existing build-

ings, for example. Buildings are also key to climate protection, which is why Dr. Christine Lemaitre, from DGNB GmbH, believes that sustainability doesn't just start with new construction, but also with demolition. DGNB now has a new certificate for the end of life of buildings in the initial application phase. The aim of the certificate is to close material flows in current demolition projects and promote existing building fabric. The aim is to create incentives for reuse, recycling and the networking of demolition and new construction.

Demolition material can also store CO2, which saw Valentin Gutknecht from Neustark AG speaking about the opportunities this presents for the demolition industry. Finally, environmental adviser Katrin Mees from DA e.V., explained what opportunities the EU Taxonomy Regulation offers for the demolition industry. Following the presentations, questions were invited from the audience. The conference part ended with members of DA's Professional Committee Blasting Technology





presenting a report on best practices for the controlled blasting of buildings and highlighting the challenges that individual contracts face.

**Great tradeshow held in parallel**

In parallel with DA's conference, a trade fair was organised which was open throughout the day. A total of 124 companies representing an array of European and global manufacturers of demolition, recycling and remediation equipment exhibited their products and services. The show was often very well attended, especially during coffee

and lunch breaks, and between the various lectures. The only thing that could perhaps improve on the trade fair is that for it to have an outdoor area for product demonstrations. But with such a solid lecture schedule, it would probably be difficult to arrange in terms of timings.

The exhibition hall was directly adjacent to the lecture hall. Next to the exhibition hall there was also a well-proportioned dining room. In the evening, the so-called Dialogue Evening was held here where the participants came together for networking and informal discussions. An excellent dinner was of course served.

As already mentioned, the Fachtagung Abbruch in Berlin is an excellent event that clearly demonstrates the professionalism and seriousness that the German industry association conveys to its members, the industry itself and other partners. A visit next year is recommended. The lectures are held in German but are simultaneously translated into several other languages. Fachtagung Abbruch 2025 will be held on 14 March 2025 at the same location as last years, namely Station-Berlin right in the heart of Berlin.

[www.fachtagung-abbruch.de](http://www.fachtagung-abbruch.de)



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## NEW TRENDS IN **DEMOLITION EXCAVATORS**

***Productivity, multitasking capabilities and high safety standards are the key features that owners of demolition excavators are expecting to find in their machines. PDi's Andrei Bushmarin reviews the latest trends in the excavator industry.***

### **Sennebogen 830 E performs selective demolition of a car showroom in Germany**

A large multi brand car centre in the city of Regensburg, Germany, was earmarked for renovation to make room for a new series of brands. The plan called for controlled demolition of the front part of the building. To tackle this task, contractor Metz Erdbau GmbH from nearby Schwandorf chose a Sennebogen 830 E demolition excavator. The machine's innovative construction, featuring a two section boom, is designed for precise handling of the attachments at height which can be changed within a matter of minutes thanks to a quick coupler. The elevated 30° tiltable cab provides a perfect view of the building's upper structures. The excavator's stability is ensured by the telescopic crawler tracks that

are up to 4.5m expandable. The location of the service points permits easy introduction of Sennebogen's patented lubricants 'SENlube' and 'SENprotect'. The manufacturer's vast equipment fleet makes it possible to rent machines out to customers on a medium or long term basis.

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

### **Develon launches new multi boom series**

Develon has launched a new three model series of demolition excavators ranging in weight from 31t to 61t. In addition to the 30° tiltable cab - said to be particularly suited to high reach demolition applications - all three models feature a modular boom design and hydraulic lock mechanism. This provides custom-

ers with a complete, flexible solution that allows them to use the same machines for other applications apart from demolition. The newest in the range is the 31t DX245DM-7 high reach demolition model. Powered by the DL06P Stage V diesel engine, the DX245DM-7 is now available alongside the heavier 47t DX380DM-7 and 61t DX530DM-7 excavators. The innovative design ensures a smooth changeover between the demolition and earthmoving booms, with a special stand provided to facilitate the boom changing operation, which is based on quick change hydraulic and mechanical coupler connections. A cylinder based system is used to push the locking pins into place to help complete the procedure.

The DX245DM-7, equipped with a 18m boom, allows the operator to use a demolition attachment at a

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maximum height of 16m. The recommended maximum combined weight for the attachment and quick coupler in this mode is 2.5t. When equipped with a digging boom in the straight configuration, the DX245DM-7 can work at a maximum height of 9.8m. In this format, the recommended maximum weight for the attachment and quick coupler is 3.3t. Using the digging boom in the alternative bent configuration, the DX245DM-7 can work with an attachment at a maximum height of 8m. In this mode, the recommended maximum weight for the attachment and quick coupler is 3.3t. The DX245DM-7 has a hydraulically adjustable undercarriage, which extends to a maximum width of 3.74m for optimal stability onsite. Like all Develon demolition excavators, standard safety features include a FOGS cab guard, safety valves for the boom, intermediate boom and arm cylinders and a stability warning system.

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

**Echle Hartstahl:**  
excavator modifier from Germany

Established in 1994 in Wolfach, Germany, Echle Hartstahl GmbH is a renowned excavator modifier with a staff of 70 employees. Its expertise, in particular, extends to cabin protection superstructures (FOPS) and cylinder guards, special designs for construction machinery and innovative electrification. On any demolition project, safety of the excavator's driver is paramount. One example of Echle's approach to the safety issue involves a Liebherr R926 excavator featuring a FOPS cab guard and a hydraulic tilting cab. With the cab tilting up to 30°, the driver can sit in a comfortable and non-strenuous position during demolition. The emergency lowering can be controlled from the cab and the upper carriage. The patented FOPS retractable cab guard is subject to approval in accordance with ISO10262 and is said to guarantee the best possible protection with nearly unrestricted visibility. Thanks to the 'slide in' option, the safety guard is flexible and can be easily

removed from the field of vision when performing non-hazardous work.

Another customisation project involved a CASE CX300E excavator. The machine underwent an exten-

sive modification programme involving the monoblock being extended by 500mm, a tiltable cab installed to optimise visibility and an additional counterweight being welded in for extra stability. Furthermore, a 2.5m long additional stick was manufactured with quick couplers attached for rapid installation and removal of attachments. For increased safety, the cab was fitted with a laminated safety glass roof window with a wiper system and a new retractable FOPS cabin guard.

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**JCB expands 'X Series' with biggest model so far**

UK based heavyweight JCB has expanded its popular X Series of tracked excavators with the unveiling of the biggest and most powerful model so far – the 370X. Paul Swallow, business head of excavators, says of the new model: “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-40t class. With fantastic operator comfort and control, the 370X delivers a heavy duty excavator solution for markets around the world.” 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. This 8.9l, six cylinder, engine is said to boast a 14% power increase over the outgoing JS370, with 240kW available at just 1,700rpm. According to the manufacturer, the 370X is capable of moving up to 4.5t more material per/l of fuel and up to 86t/h more than competitors in testing.

A heavier counterweight contributes to added stability, while larger structures cope with the additional forces. The 370X is supplied with a 6.45m monoboomb, with a choice of 2.63m, 3.23m and 4.03m dippers. Bucket pin diameter has been increased and the machine can be fitted with a new JCB dual pin quick hitch to pick up 90mm or 100mm attachments. The JCB ‘Command Plus’ ROPS cab has been further improved with a new touchscreen monitor. The machine boasts three work modes to optimise digging, lifting or economy. ‘Auto-Stop’ and ‘Auto-Idle’ engine functions also come as standard to reduce fuel consumption during idling. 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 for enhanced productivity, accuracy and safety. A bird’s eye 360° camera can also be supplied, along with high visibility, all-round handrails.

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

**Hitachi to unveil new 'Zaxis-7' excavator at Intermat**

Hitachi Construction Machinery (Europe) NV (HCME) will use Intermat to unveil the ZX225USLC-7 medium excavator. The new machine comes equipped with the

‘Xwatch’ Leica Geosystems 3D avoidance system. This pioneering solution is designed to enhance safety and efficiency onsite, providing additional protection for personnel, infrastructure, and environment. “By offering solutions such as these to our customers, we can combine the unrivalled control, precision and reliability of Hitachi excavators with the accuracy of 3D technology, helping them to further improve safety and efficiency onsite,” says Bill Drougkas, HCME manager product management & solution linkage. The Zaxis-7 has also been designed to improve operator comfort, with noise and vibration levels significantly reduced compared to the previous generation. The cab has a 15cm wider door opening, more legroom and an ergonomically designed console. Hitachi’s ‘Trias III’ hydraulic system has been designed for high performance on every job. With the single and two piece boom options, along with the long (‘LC’) undercarriage for stability, and the short tail design for manoeuvrability in confined spaces, the new excavator is said to provide good performance across a wide range of applications. “We look forward to exhibiting the ZX225USLC-7 excavator at Intermat this year with the additional collision avoidance system developed by Xwatch and Leica Geosystems,” concludes Bill Drougkas.

[www.hitachicm.eu](http://www.hitachicm.eu)



## CONQUERING THE TOUGHEST FEED MATERIALS WITH THE EDGE 'SCREENPRO' S18

The 5.4 x 1.75m two deck screen of the Edge Screenpro S18 features interchangeable flip flow and conventional scalper screens. Designed to be a highly versatile screening solution, the new S18 is designed to process the most difficult and demanding of applications, including aggregate, construction waste, sand and gravel, soils and organic materials. With numerous screen media options and configurations available, the S18 can be utilised as a standalone unit or if needed, placed before or after a primary crusher.

Design features include a low level feed hopper, two or three way split configuration, hydraulic folding discharge conveyors to facilitate the quick transition from operation to transport, and a fully integrated power unit with large service access. A user friendly control system with sequential start/stop functionality provides operational performance and unit safety.

The S18 encompasses a 1,400mm wide, variable speed feeder with forward/reverse functionality and an intelligent load management system to monitor conveyor load pressures and regulate feeder speed. At the heart of the S18 is a high stroke scalping screen with a screening area of up to 18.3m<sup>2</sup> and a wide variable working angle to suit an array of applications. The aggressive high stroke action is designed to deliver superior material separation and a generous screening area ensures precision fines separation.

To meet the demands of recycling applications, the S18 can be equipped with both overband magnets and

magnetic head drums for the extraction and recovery of ferrous metals. The oversize discharge conveyor features a heavy duty 1,600mm chevron belt as standard with a combination of impact bars and rollers absorbing the impact from loading material. The oversize discharge conveyor can be lowered to 5° to provide access to the lower screen deck aiding the screen media exchange process.

The S18 also offers remote functionality for improved operator efficiency and safety. All major functions, including tracking, feed conveyor speed adjustment, sequential start up and hopper jacks, can be remotely operated from a safe distance of up to 100m or in the comfort of the operator's cabin.

Either a Caterpillar or Cummins Tier 4 Final / Stage V Acert engine provides the operator with power for the reliable, durable and fuel efficient screening solution. An electric hybrid option further enhances cost savings and environmental benefits, combining the advantages of an electric power unit with traditional diesel/hydraulic power. Utilising a small onboard diesel engine for tracking and set up, operators can then connect to an external electricity supply once the machine is in position.

Tom Connolly, Edge Innovate global sales manager commented: "The S18 is a highly functional, reliable, efficient and easy to operate versatile machine that perfectly complements our other products and will serve to further raise and enhance the profile of the Edge Innovate brand in the years ahead."



### New technologies for mobile crushing, shredding and screening

Each Cams plant is equipped with a generator set featuring a robust and efficient diesel engine, coupled with an alternator to generate the necessary electricity for machine operation, enabling onsite power. Moreover, to optimise torque and minimise fuel consumption, the engine operates consistently at 1,500rpm. All machines can seamlessly switch to full electric mode. Even in this mode, they are designed for the efficient shredding of coarse materials thanks to their patented hydraulic pusher system, which automates the pre-shredding of bulky blocks in the loading hopper.

#### The 'Centaurus' series

Centaurus crushers aim to seamlessly combine shredder, screen, and magnetic separator into a single piece of equipment being designed to process materials that are typically challenging. Thanks to innovative patented technology, they are said to crush materials with a significant reduction in required power, costs, and environmental impact. Each model comes equipped with radio control for remote management and can be customised to meet customers' specific needs, providing an efficient solution in any given context. They can operate in fully electric mode for zero CO<sub>2</sub> emissions.

#### The new 'APR'

The latest Centaurus is the APR series that CAMS says redefines standards of sustainability and efficiency. CAMS says the true innovation of the range lies in its ability to recover 100% of asphalt, marking a step into the future of recycling. By combining two shredders, a screen, and a defrizer into one multifunctional machine, the Centaurus APR is designed to offer versatility and performance.

The APR series underscores CAMS' commitment to fully recycling asphalt. It has been developed to eliminate waste, reduce costs associated with purchasing new material, and simultaneously minimise the environmental impact linked to asphalt production. The power and adaptability of the Centaurus APR range becomes evident in its capability to process a wide array of materials, including the most challenging ones. These machines are said to maintain consistent productivity even under harsh conditions, while concurrently decreasing energy consumption and operational expenses.

The Centaurus APR in all electric mode contributes to reducing emissions and particulate matter, reflecting CAMS' vision for a green and sustainable future.



## LINDNER AT IFAT 2024

At this year's IFAT in Hall B6, Booth 251/350, Lindner will be showcasing product innovations in shredding as well as efficient system solutions. The focus will be on

classic input materials such as commercial, industrial and municipal solid waste, waste wood and scrap, and the mechanical and chemical recovery of plastics. At

an 'expert' talk on the Orange Stage, Lindner will also present innovative approaches to successfully address chemical recycling demands.



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FINAL OF THE TYROLIT'S

# international concrete cutting competition

***The final of the international Tyrolit Cutting Pro Competition was arranged for the fifth time in February this year. First prize went to Lithuania, second to Switzerland and third to Austria.***

**O**n 22 February, it was time once again time for the finals of the international Tyrolit Cutting Pro Competition. The final was held in the Salzlager centre in the pretty town of Hall in the Tirol, a few kilometres from Innsbruck in Austria. The competition was organised for the fifth time, with the final having been preceded by national competitions held around Europe. A couple of dozen concrete cutters from 13 different nations qualified for the final (the results are shown at the foot of this article). The welcome address was given by Wolfgang Wiefler, Tyrolit's head of global sales and marketing for the Construction Division.

### 24 competitors

The final itself was held on the evening of 22 February. A total of around 500 guests from all over the world attended with, as usual, a very cheerful atmosphere, with PDi Magazine having the privilege of covering the event. The competition consists of each participant competing in three disciplines, aiming to complete set work at the fastest possible time, to a set of parameters. The first discipline was concrete cutting with a Tyrolit HRE 410, which is a high cycle powered electric hand

cutter. The second discipline was to wall saw a section using Tyrolit's high frequency wall saw WSE 1621. The



**The real spider in the web that make this competition work, Markus Kern from Tyrolit.**

third discipline was to apply the Tyrolit DME 32 core drilling system to a concrete wall using the three speed drill motor to drill through a concrete slab in the fastest possible time. The diamond tools used in all cases naturally came from Tyrolit.

It was a tight and nerve wracking battle between the participating concrete cutters. Water and concrete sludge occasionally swirled from the stage, and the competitors did their utmost to achieve the shortest total time. This year the victory went to Arnoldas Grigonis from the company Technominas in Lithuania, who won the wall saw Tyrolit WSE 1621 and €3,000 in prize money. Second place was won by Gaetano Casale from the company Ediltaglio in Switzerland. He won the Tyrolit DME 32 drilling system and €2,000 in prize money. Third place went to Arnold Ortner from the company Ortner Bohr-Schneidetechnik in Austria. He won the Tyrolit HBE 400 ring saw and €1,000 in prize money. But in general, it was very tight in terms of scores and times with all the competitors performing magnificently.

### Interesting show with lots of news

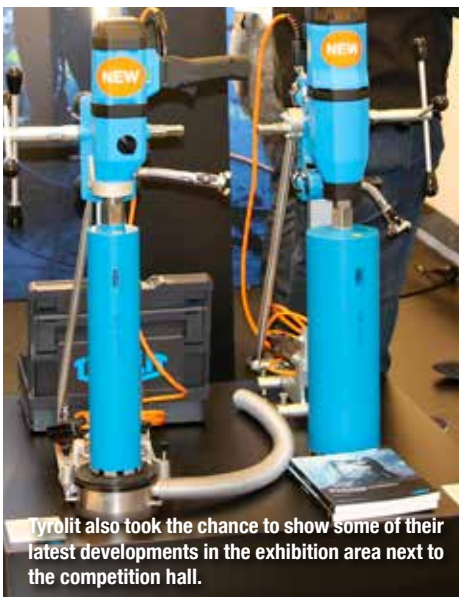
Before the competition began, the day had already started around started at 10.00am with the opening of a



We know those guys, in particular the guy to the left Mr Alfred Landl, Tyrolit's former Head of Global Sales and Marketing for the Tyrolit Construction Division, here with Thierry Piette, Tyrolit Country Manager and Sales Manager for Benelux.



The winners: Arnoldas Grigonis from Lithuania (middle), Gaetano Casale from Switzerland (left) and Arnold Ortner from Austria.



Tyrolit also took the chance to show some of their latest developments in the exhibition area next to the competition hall.



Part of the team from Tyrolit behind the popular competition: From the left Viktoria Frankenhauser, Wolfgang Wiefler, Felicitas Huber and Sylvia Harb.

Tyrolit trade show which was open throughout the day. The manufacturer introduced many interesting new products, including Tyrolit's investment in products for grinding and polishing concrete surfaces. For the past few months, Paulo Bergstrand, who previously worked as CEO of Scanmaskin and owned his own company, has been employed by Tyrolit in this area. Paulo, with many years of experience in the segment, now plays a key role in Tyrolit's investment and is sales and marketing director for Europe and the Middle East (Paulo's appointment is covered in another article in this magazine).

It can be said that everything that Tyrolit showed in the field of grinding and polishing are new products, including five new floor grinders with grinding diameters

from 28cm to 78cm, with the largest models, FGE515 and FGE780, being able to be remotely controlled. All machines can be used for both grinding and polishing. To this can be added a wide assortment of grinding and polishing tools, as well as a wide range of chemicals.

Tyrolit has also launched two new floor strippers, three floor cutters, three shot blasters and seven dust handlers for absorbing sanding dust. At the event, the new VCE1200D, VCE2400D and VCE3600 were also shown (there is more information on these in separate releases). It was further announced that Tyrolit has acquired a major stake in the German manufacturer Contec to strengthen its presence in machinery and equipment for processing concrete surfaces. Contec is a well-known developer and manufacturer of a range of

machines and tools for treating concrete and other floor surfaces (more about this in a future article).

Perhaps the biggest news was Tyrolit's smart digital asset management tool, 'MoveSmart', which is a digital tool for the entire construction site (more information on this is provided in a future article). Tyrolit also released three new drill motors, the DME20, DME26 and DME32; the vacuum pump VPE600 and the floor saw FSE808. On the tool side, a new core drill was released as well as two new diamond wires, the electroplated DM-CG and sintered DWB-C.

All together the event in Hall in Tirol was a real success for the manufacturer, with interest in the next concrete cutting exhibition being shown already.

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



### THE RESULTS FROM THE TYROLIT CUTTING PRO COMPETITION 2024:

1. Arnoldas Grigonis, Technominas, Lithuania
2. Gaetano Casale, Ediltaglio, Switzerland
3. Arnold Ortner, Ortner Bohr-Schneidetechnik, Austria
4. Albert Waldefors, Borrmästarn, Sweden
5. Thomas Simayr, Wolfthaler, Austria
6. Roman Milkowski, Rtech, Poland
7. Lucas Gautier, Scidiam, France
8. Patryk Sylwester Kos, Moby Entreprenør, Norway
9. Peter Bierfeld, Bierfeld Bau, Germany
10. Rob McCarthy, LDD Construction, Great Britain
11. Robin Tretina, Tretina, Czech Republic
12. Miguel Kroken, Lommedalen Bygg, Norway
13. Alexis L'exact, SAB, France
14. Pierre Hardtman, Betonghåltagarna i Huskvarna, Sweden
15. Kenn Rehmeier, Nordjysk Diamantboring & Skaering, Denmark
16. Marian Pastorek, VRB, Slovakia
17. Armin Acherman, Elmar Röhner, Switzerland
18. Kenn Rosenskjold, MT Højgaard, Denmark
19. Thomas Mc Farland, CDS, Great Britain
20. Bert Sauber, BBG Betonbohr, Germany
21. Waael El Bermawey, Service Tagli, Italy
22. Marian Vlasak, Madril, Slovakia
23. Jaroslav Mikel, Dinaz, Czech Republic
24. Luigi Zamperini, Effelle SRL, Italy



The winner Grigonis took home the wall saw Tyrolit WSE 1621 and 3000 Euro in prize money.



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## TYROLIT INCREASE INVESTS IN THE FLOOR GRINDING & FLOOR PREP SECTOR BY HIRING PAULO BERGSTRAND

***There is a lot going on around the Austrian manufacturer Tyrolit now. A lot of news has been released and is in the pipeline. In addition, Paulo Bergstrand has been hired as responsible for Floor Grinding & Floor Prep products on the markets in Europe and the Middle East.***

The manufacturer Tyrolit has for some years now broadened its product range to also include machines and tools for grinding and polishing concrete surfaces. Since the middle of 2023, Tyrolit has been investing heavily in the sector regarding the treatment of floor surfaces and has since stepped up the investment. In August 2023, Paulo Bergstrand was hired as sales and marketing manager for this business field in Europe and the Middle East.

### Long past in products for floor grinding and polishing as well as surface treatment

Paulo has a long history of working with machines, tools and chemicals for processing different types of floor surfaces. For more than 30 years, he has worked in the company Scanmaskin, which develops and manufactures machines and equipment for grinding and polishing concrete floors and other floor surfaces. He worked, among other things, as a salesperson, marketing and sales manager and CEO of the business. He led the company's establishment in the American market, which became a new important market for Scanmaskin around 2015. For a few years now, Scanmaskin has been owned by the company group Indutrade. Paulo continued as CEO of Scanmaskin under Indutrade's ownership but chose to drop out and started his own company MM Norden. When Paulo was asked by Tyrolit to help lead Tyrolit's development in the product segment, he saw it as an interesting challenge in a subject area he knows very well. "It feels very good to work for a serious company like Tyrolit but with so much experience in metal and diamond tools as well as equipment for professional cutting and drilling. The fact that they are now investing heavily in the surface treatment sector, I believe will be a valuable addition for the users of this equipment," says Paulo in a comment.

### New product launches

In February, when Tyrolit held the finals of the Tyrolit Cutting Pro Competition, it took the opportunity, via its own show, to strike a blow for its new major investment in grinding and polishing and other surface treatment of floor surfaces. Paulo was there to tell the customers about the investment. They also took the opportunity to release a number of new products.

It is about five new floor grinders with grinding diameters from 28 to 78 cm. Where the largest models, FGE515 and FGE780 can be remotely controlled. All machines can be used for both grinding and polishing. To this must be added a wide and well-measured assortment of grinding and polishing tools as well as a wide range of chemicals. It has also launched two new floor strippers, three floor cutters, three shot blasters and several dust extraction systems. At the fair, the new VCE1200D, VCE2400D and VCE3600 were shown. In addition Tyrolit announced that they are acquiring the majority stakes in the German manufacturer Contec.

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



HERE'S THE LATEST

# news about drum cutters

***This year's special feature on new drum cutting equipment is quite thin on the ground in terms of new developments. However, Epiroc has provided some news and Kemroc has some interesting German site reports.***

### **Epiroc introduces new addition to successful 'V Cutter' range**

With its V shaped design, the latest drum cutter range from Epiroc has been developed for trenching and quarrying. Now the company has introduced the VC 3000, a model that has all the benefits of the V Cutter range. "The efficiency issues connected with trenching have been met with advanced, but expensive solutions. We're pleased to present an alternative that will save time and money in virtually every aspect, from investment to energy and wear on the carrier. And it's all achieved by the angles of the drum," says Gordon Hambach, head of strategic marketing for Hydraulic Attachment Tools at Epiroc.

Thanks to the V shaped design that enables a cut with a flat base, no material is left untouched between the drums. Where a regular drum cutter must move side to side to create an even trench, an approach that causes extra wear on the carrier arm, the 'VC Cutters' can reach the same result by just going straight. It basically works like a bucket, which Epiroc says makes it easier to use, friendlier for the carrier and a lot less energy and time consuming.

The distinguishing features of the classic Epiroc drum cutters, like the robust spur gears, adoptable high torque gear motor and the 'QuickSnap' retaining system for fast and easy pick changing, are all found on the new VC 3000. It also comes with the 'Pro bracket' that leads all hydraulic hoses through the centre of the extension arm as standard. Mechanical and hydraulic rotatable brackets are also available as well as a dust preventing water spraying system. 'Hatcon', a monitoring system that keeps track of operating hours, location and service intervals, presenting data on virtually any screen via 'MyEpiroc', is another option designed to enhance overall effectiveness.

VC 3000 comes with a service weight of 3,200kg and is suitable for excavators of 35t to 55t. As standard, VC Cutters are also equipped with Epiroc's unique 'Hexagon Picks' (HexPicks), a new range of picks with hexagonal bodies for all types of drum cutting equipment. "Providing solutions that can help our customers reach new levels is rewarding, not the least when it comes to energy saving and sustainability. They inspire us to constantly rethink all aspects of our offer, and the V Cutter range is certainly a result of that," concludes Gordon Hambach.

### **Six of the best**

Featured on the VC 3000, the shape of the Hexagon Picks is designed to make daily maintenance easier, faster and less costly with unsticking or replacement being quickly and easily accomplished with a hexagon wrench. Epiroc reports that 'HexPicks' are also more durable and will last up to 20% longer than all competing products. According to Epiroc, the unique design of HexPicks is specifically intended to contribute to faster and easier pick maintenance and replacement. In addition, HexPicks come with the Epiroc QuickSnap retaining system, said to provide savings in time of more than 50% compared with normal circlips or knock on retainers. The smart retaining clips enable the picks to be changed in a matter of seconds. Epiroc states that this all adds up to more uptime and lower operating costs, with the HexPicks' design also protecting the drum's pick box and allows better rotation, which optimizes the pick resharpening process.

Epiroc states that HexPicks are able to last 20% longer than competing products thanks to the materials used in their manufacture. The company adds that the heart of the cutting operation is a stress resistant



tungsten carbide insert brazed into the body of the pick. Manufactured in a sintered material made up of tungsten carbide with a cobalt binder, the insert is designed to withstand the extreme stresses caused by continuously impacting the rock. The head and shaft of the pick body are made from optimised heat treated steel and serve as the support for the tungsten carbide insert as well as provide full protection for the pick box. HexPicks are suitable for use with transverse drum cutters, V Cutters and longitudinal cutters.

**Convincing applications of 'DMW' cutter wheels from Kemroc**

Kemroc states that it is continuing the success story of its special cutting and milling attachments for excavators and backhoe loaders. With these machines and their joysticks in the excavator cabs, operators are able to carry out complex tasks in difficult spatial conditions, with the DMW series of cutting wheels playing a significant role in this success story. The manufacturer produces these machines in four series for excavators with an operating

weight of 14t to 60t. Two high torque hydraulic motors on the side of each machine provide high drive power and maximum cutting forces in hard rock and heavily reinforced concrete.

Kemroc used Fachtagung Abbruch in Berlin in March to showcase its excavator attachments for cutting and milling. The cutting wheels from the DMW series, for example, have already proven themselves many times over in complex demolition and dismantling projects. Here are four examples of how Kemroc equipment had been used successfully.

**Trimberg Tunnel (Hesse)**

When excavating both tubes of a 600m long tunnel on the A44 highway, workers from the Hochtief/Züblin consortium had to deal with difficult geology prior to installing temporary shotcrete calotte bases. In order to accomplish the work, a Kemroc DMW 130 cutting wheel on a 23t excavator was used to cleanly separate the concrete from the subsoil and reuse it as a valuable building material.

**Saarlouis highway junction (Saarland)**

A new construction has replaced the old Saar bridge with demolition specialists from the Max Wild construction company using a Kemroc DMW 220 cutting wheel on a 40t excavator to dismantle the cantilever arms of the bridge body and the central slab between the two box girders. The resulting concrete segments were then removed from the structure by crane and crushed on the riverbank.

**Weingarten city centre (Baden-Wurtemberg)**

Demolition company CK Abbruch removed the foundations of a former industrial complex to make way for a new residential area. In accordance with the contract, this inner city location work had to be carried out with low noise and vibration levels. The demolition experts used two excavators, each with a combination of a DMW 220 HD cutting wheel and a 'KR' series rotary drum cutter.

**Kassel sewage treatment plant (Hesse)**

Two old stormwater overflow basins had to be replaced with new, larger basins. When demolishing the massive, ring shaped basin edges, the contractor Schnittger relied on DMW cutting wheels from Kemroc. The first basin was crushed quickly, quietly and with little vibration using a DMW 130 model on a 40t excavator. Demolition of the second basin was even faster with a larger DMW 220 model fitted to the same excavator.

According to Enrico Trender, Kemroc's sales manager, the excavator attachments still have a lot of potential for carrying out complex demolition projects with low noise and vibration levels as well as in an energy saving and environmentally friendly manner: "In cooperation with our customers from the industry, we are constantly developing new demolition methods tailored to individual requirements," explained Trender.



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# KOMATSU AT INTERMAT 2024

Komatsu is delighted to announce its participation at Intermat 2024. “After six long years, and the cancellation of the 2018 edition due to the pandemic, we are happy for this great opportunity to reconnect with customers from all over the world at Intermat,” says Naser Memic Rendon, deputy general manager, marketing and communication at Komatsu. “This fair in Paris promises to be an extraordinary event, providing Komatsu with a platform to showcase our latest equipment and customer solutions designed for a future oriented, decarbonised workplace. It also reaffirms Komatsu Europe’s unwavering commitment to the French, European, and African markets.”

Occupying a prominent space in Hall 5b, Komatsu’s indoor stand will showcase nearly 30 machines, and will highlight cutting edge technologies and services with a focus on digitalisation and electrification. A special place will be made for the recently launched PW168-11 and PW198-11 wheeled excavators and a ‘virtual stand’ will offer a glimpse into the near future, providing a sneak peek at upcoming innovations. Visitors will also have the opportunity to explore Komatsu excavators equipped with the ‘Smart Construction 3D’ machine guidance kit, a simple technological enhancement allowing for productivity gain across an extensive variety of crawlers and wheeled excavators.

At Intermat 2024, Komatsu will unveil brand new electric excavators, including the 210LCE-11 in the 20t

range, the PC138E-11 with its reduced rear end radius, and the PC33E-6 in a world premiere cabin version. All will be equipped with lithium ion batteries as a decarbonised society requires advancements in both construction machinery and site operations.

Komatsu will also present solutions at the ‘Digitalisation Corner’ that are designed to optimise worksite efficiency, and the placement of machines and human resources. Along with finance, aftersales and genuine parts, the corner will showcase Komatsu telematics solutions, emphasising their role in simplifying decision making for effective equipment deployment, improving fuel efficiency, enhancing productivity, and streamlining periodic maintenance planning. Smart Construction will also introduce what the company says are unique working methods and solutions featuring the innovative 3D machine guidance system.

Outdoors, adjacent to the main stand, larger machines including the latest PC950-11 excavator, the HD605-8 rigid dump truck, and the PC390HRD-11 high reach demolition machine with the K100 quick boom change system, will be on static display. Naser Memic Rendon concludes, “The path ahead for Komatsu construction machinery is both clear and challenging. Our goal is a healthy future for people, society, and the planet. Our brand promise today is ‘creating value together’, and we are dedicated to making Intermat 2024 another significant step toward fulfilling our promise.”

## Doppstadt presents innovative processing solutions at IFAT 2024

Doppstadt will show a selection of its equipment at the International Trade Fair for Environmental and Wastewater Technologies (IFAT) in Munich from 13 to 17 May. "After the excellent experience we had in 2022, it was very easy for us to make the decision for a large stand in the outdoor area of the trade fair once again," says Michael Zeppenfeldt, sales manager Germany at Doppstadt Umwelttechnik GmbH. "We have the space we need to present our solutions in the best possible way and at the same time focus on the needs of our customers."

At the show Doppstadt will present the 'Inventhor' 6.2, in combination with the 'Selector' 800.2 with the new basket system which is also available with an electric drive. The Inventhor 6.2 has an optimised folding hopper, which is designed to make loading by wheel loader or excavator even more user friendly. The enhanced SM 620.3 screening machine fulfils the requirement for economic efficiency and is customised to meet customer requirements. In practice, it offers the same performance as its predecessor model with increased efficiency at an attractive price.

Doppstadt aims to demonstrate just how flexible processing can be with its 'AK' series. With its wide range of equipment, Doppstadt will be showcasing its grinder line in various applications, with the AK characterised by its broad and expandable range of applications.



Mobile-modular treatment solutions being shown at IFAT will be under the new brand name 'MMPC' (formerly MMAK). "To further establish our concept, we have renamed our MMAK to the internationally recognisable MMPC. We see a lot of potential for our solutions on the international markets," says Zeppenfeldt, who adds: "Our mobile modular processing concept MMPC is based on the modular principle. Here, mobile machines are combined to enable broader and deeper value creation."

Doppstadt will also show its machines in the dem-

onstration area processing waste wood and garden waste. These include the Inventhor 6.2 and the AK 640 SA. In the crushing zone, the company will be demonstrating the processing of contaminated construction waste with the mobile modular processing concept MMPC.

In addition to presenting its solutions, the company would like to learn more about the future requirements and wishes of its customers and is offering space and time for this. Michael Zeppenfeldt explains: "We are looking forward to an open and collaborative dialogue with our current and future customers again this year."



## Lindner showcases shredding and system innovations at Ifat

At this year's Ifat, Lindner will showcase innovations in shredding and system solutions with a focus on classic input materials. Two new products will be presented, including a stationary universal shredder with twin shaft technology primarily geared towards waste wood, industrial and commercial waste and scrap, as well as an electrically powered a semi mobile single shaft shredder with an independent track drive which covers a wider range of input materials thanks to its modular system. Depending on the material stream and output material requirements, the user can choose between a blade or pointed knife system. In

terms of cutting system innovations, Lindner's 'Komet' secondary shredding series features screwable knife holders. Furthermore, a new 'Urraco' shaft pair specifically designed for scrap recycling will be showcased. If used as a coarse primary shredder upstream of a hammer mill or cross flow shredder, it is said to maximise the hammer mill's output and reduce the need for maintenance. Lindner will also present developments to address chemical recycling at an expert talk on the Orange Stage at Ifat and will be located in hall B6, booth 251/350 (indoors) and VDMA Practical Days (outdoors).



## Two new electric Tana shredders at Ifat

Tana will exhibit two new electric shredders at Ifat, one of which will be the Tana 'Shark 440E'. The model operates on a fixed platform and is suited for users who focus on processing a specific type of waste into raw material for the circular economy. The other model is the mobile shredder Tana Shark 440ET, which combines mobility and electric shredding. Both shredders are based on the Tana Shark product family, which was launched in the early 2000s. In both models, an electric drivetrain powers shredding. The Tana 400 Shark 440ET includes a small diesel engine that enables the shredder to be driven independently from one processing area to another at the production plant. "Many of our customers process many different waste fractions throughout the yard, in which case it is important to have a mobile shredder," says Eetu Tuovinen, product manager at Tana. "With its auxiliary diesel engine, this is easy."

Tana will be present in hall B, stand 227/326 at Ifat.



# Mendiger Basalt relies on Epiroc HB 7000 with full service rental agreement

**Since 2012, Mendiger Basalt Schmitz Naturstein GmbH & Co. KG has been using Epiroc hydraulic breakers in its basalt quarry in the Eifel region, Germany, for primary breaking. Now, the company is modernising its fleet with an Epiroc HB 7000 equipped with the 'Hatcon' fleet management system. Mendiger Basalt is also opting for a full service rental agreement for the first time, covering the equipment's maintenance, wear parts and consumables such as chisels and lubricants.**

The new breaker was handed over by Epiroc business partner A.B.T. Abbruchtechnik GmbH, which, through years of collaboration with Epiroc, possesses in-depth expertise in handling Epiroc attachments, especially in heavy duty applications. The rental cost of the equipment is calculated based on the actual operating hours recorded by the Hatcon system. "This combination provides optimal planning security for both companies and enables extremely reliable scheduling of maintenance, leading to very high availability of the attachment and a reduction in downtime costs," said Marvin Venker, managing director of A.B.T. Abbruchtechnik.

## Excavator

### attachments versus drilling and blasting

For some time now, Mendiger Basalt has been using

excavator attachments instead of the usual drilling and blasting method, bringing several advantages to the operation. The blast free extraction results in significantly lower noise and environmental impact compared to traditional methods, greatly enhances workplace safety, and allows for quarrying despite nearby residential areas. Extensive closures and associated work interruptions are eliminated, enabling simultaneous work in multiple areas of the quarry. Additionally, the use of hydraulic tools supports the extraction of high quality material directly and precisely, even in heterogeneous rock. "Due to the interplay of all these factors, the cost of using hydraulic breakers is not significantly higher than conventional blasting operations," explained Rainer Krings, managing director of Mendiger Basalt Schmitz Naturstein GmbH & Co. KG.

The heavyweight Epiroc hydraulic breakers, the 'HB' series, are specifically designed and developed for tough operations such as primary breaking, and secondary breaking in quarries or the demolition of massive reinforced concrete structures. "The perfect tool to effortlessly extract and crush basalt, an extremely hard volcanic rock," concluded Rainer Krings. The patented 'Intelligent Protection System' (IPS) facilitates positioning and provides protection against blank firing by automatically adjusting the on/off behaviour during operation. This is said to deliver maximised efficiency with minimal risk even under challenging conditions. The overall performance is optimised by the integrated 'AutoControl' system which automatically adjusts impact energy and frequency during operation to be in sync with each other.



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# MOBILE CRUSHERS AND SCREENS

***New developments in mobile crushers and screens include several new products, some of which will be released at this year's Ifat. In this feature, there are also some case stories where crushing and screening has played a key part in getting the job done.***

## **New additions to Backers 'Starscreen'**

Backers has announced the latest innovations to its three-way split Starscreen, which can now produce hydraulically bound base layers and fluidised soil with a high throughput. For the production of the base layers, a coarse screen with a 30mm screen is used and the mixture is moistened accordingly. When producing hydraulically bound base layers or stabilised soil, Backers says a capacity of up to 300t/h is possible. The screening and mixing machine can use a compressor to generate compressed air which is used to transport the binder from a separate storage silo to the binder container of the machine. When producing liquid soil, the mixture of soil and compound is pumped into the truck mixer simultaneously with an appropriate amount of water. The liquid soil is produced in batches and documented with a delivery note. It is mixed in the truck mixer for 10-90min and then poured. Additionally, the machine has a modern display and steering with distance service. The grizzly screen also features an auger.

## **Advanced recycling in Argentina with Rubble Master**

The impact crusher RM100Go! has been put to full use by a customer of Rubble Master's Argentinian Dealer Covema S.A.C.I.F., mainly crushing concrete and slag.



RM says that with throughput of 150t/h, the machine crushes concrete and steel slag from 0-500mm to 0-30mm on site for eight hours a day. The customer, which recycles materials from road construction, crushes concrete for reuse for production of new concrete. Additionally, slag is crushed for road construction and recycled to produce new steel. However, slag usually contains iron, which can cause damage in the crushing chamber if the wrong crusher is selected. The advantage with the RM 100Go!, in Rubble Master's own words, is the 'RM Release System', which removes blockages in the impactor and opens if pieces of iron are present in the material.

## **Sandvik launches new crushers with automation and connectivity system**

Sandvik has launched the upgraded 800i cone crusher range with the new automation and connectivity system, 'ACS-c 5'. The models are said to combine mechanical design with automation to support diverse operational roles. The aim with the updated crushers is to offer



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simplified service and troubleshooting, improved safety and optimised performance while minimising downtime. The crushers target installed inefficiency in operating mines as well as in 'green fields', examples being flowsheets including three stage crushing and conventional grinding, assisting SAG/AG circuits with pebble crushing and optimising particle size distribution for lump ores and heap leach applications. The crushers are also suitable for HPGR circuits. The models can be connected to the 'SAM' by Sandvik's cloud based digital assistant, a data capture and analysis service supporting crushing and screening plants. The service allows the user to see the status of the equipment, communicate across teams, view alerts and notifications, pro-actively order spare parts and more.

**Kleemann extends portfolio with new mobile impact crusher**

Kleemann has introduced the first member of its 'NEO' line, the mobile impact crusher 'Mobirex MR 100(i) NEO/NEOe'. Due to compact dimensions and low transport weight, the crusher can be used in different applications. The model is available in two versions depending on the application and can be run entirely electrically with 'E-Drive' ('NEOe') or diesel-direct 'D-Drive' (NEO). The Mobirex has a crushing unit with a four ledged rotor with a large impact range and rotor ledge options as well as a 4m<sup>2</sup> large, optional single deck secondary screening unit. This makes it possible to produce a classified final grain size. With the optional wind sifter, final product quality can be increased even more. The model also makes use of the 'Spective Connect', giving operators access to data on speed, consumption values and fill levels at their fingertips via a smartphone or tablet. It also offers troubleshooting aids for service and maintenance. Another feature is automatic crusher gap

adjustment, as well as zero point determination, which compensates for wear during crusher start and retains a homogenous crushing product, according to Kleemann.

**Rotary screening buckets, screening buckets with shafts from CM**

CM offers eight models of 'CBR' rotary screening buckets for 1t-6t machines, as well as six models of 'CDS' screening buckets with shafts for 2t-30t excavators. The CBR rotary screening buckets are developed for skid steer, backhoe and wheel loaders, as well as telescopic handlers. They feature a choice of basket mesh size and a conical basket shape. The basket has been lengthened by 50% - compared to previous models - and is said to possess the largest screening area in relation to the machine applied. Due to the choice of motor and hydraulic circuit, a drainage line is not required. RPM adjustment can be made in both directions thanks to the single CM valve. From the CBR 12 model onwards, the basket consists of eight symmetrical bolted grids that allow replacement of the grid in the event of grain size changes, and the front basket protects and supports the load of the gear motor. The 'CDS' screening buckets with shafts screen can crush light material even on wet ground. They are applicable to skid steer, backhoe and wheel loaders, feature a low noise level and are suitable for small 3t machines. The buckets feature centralised greasing, do not require a drainage line and have a protected hydraulic system where hydraulic motors, valves and hoses are protected to prevent breaking.

**BHS-Sonthofen delivers rotor impact mill and control system**

Building materials supplier Dachser is expanding its gravel plant in Türkheim, Germany, with a second rotor impact mill of type RPM 1113 and a complete control system from

BHS-Sonthofen. Since 2019, a rotor RPM 1513 impact mill from BHS has been crushing material at Dachser's gravel plant. The vertical shaft impact mill, which features a customised configuration, has proved suited for low to medium abrasive minerals. The new RPM 1113 has a bottom mounted drive and a modified, elevated machine housing with optimised flow performance. The housing is a special version of the standard model with two enlarged openings in the discharge area designed to allow the faster discharge of crushed material and air. The control system for the two rotor impact mills and the corresponding environment is customised and includes frequency converters and a user interface featuring touch screens.

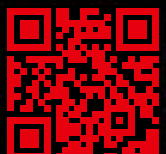
Kingson Crushers, owned by Mewar Hitech Engineering Ltd., now offers two products, namely the 100t/h single chassis two stage mobile plant and the 150t/h secondary unit. The mobile plant's primary crusher has an opening of 750mm x 600mm, while the secondary crusher has an opening of 1,050mm x 200mm. The screen size is 400mm x 125mm and has three decks. The plant features a single toggle jaw crusher and is wheel mounted. The secondary

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unit has a cone crusher with a crusher opening of 150mm. The screening area is 450mm x 125mm, and the unit features three decks. The Kingson portfolio includes mobile screens with many combinations. Mewar was established in 2006 and is known for supplying tailor made products and is the only manufacturer of crusher plants listed in the Bombay Stock Exchange.

**New tracked  
scalping screen from Edge Innovate**

Edge Innovate has introduced the 'Screenpro S18', a 5.4m x 1.75m double deck heavy duty tracked scalping screen with interchangeable flip flow and conventional scalper screens. The model has different screen media options and configurations and can be utilised as a standalone unit or work with a primary crusher. The S18 features a 1,400mm wide variable speed feeder with forward/reverse functionality, with the load management system monitoring conveyor load pressures and regulating feeder speed. The model has a screening area of up to 18.3m<sup>2</sup> and a variable working angle. The screenbox encompasses hydraulic lift up functionality and is supported by walkways. The plant is customisable with side conveyors that can be reversed or discharged. The oversize discharge conveyor features a 1,600mm chevron belt with impact bars and rollers. The conveyor can be lowered to 5°, and the machine can be equipped with over band magnets and magnetic head drums. Other features include a low level feed hopper, two or three way split configuration and an integrated power unit.



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Blast machine Streamer S750E





**MEET INTERMAT AND**

# the spring in Paris

***The next edition of Intermat will focus on sustainable construction solutions and technology, taking place from 24 to 27 April 2024 at Paris Nord Villepinte exhibition centre. PDi will be there of course.***

**M**any large international manufacturers have already chosen Intermat to showcase their latest low carbon emission developments. To date, and since the round table event held on 20 April, leading names have confirmed their attendance at the show including AUSA, Epiroc, Faymonville, Liebherr, Magni and Volvo. They join the registered exhibitors whose participation had already been announced - Alphi, Bobcat, Cummins, IMER, Komatsu, Groupe Monnoyeur, Putzmeister, SANY, Sateco, Schwing Stetter, Sunward, Takeuchi, Topcon and Wacker Neuson.

Davy Guillemard, CEO of Volvo Construction says, “Intermat 2024 has reinvented itself to address the issues of the decarbonisation of the construction industry, adapt to environmental constraints, and advance along the road to sustainability. As these commitments are particularly close to the fundamental values and ambitions of the Volvo Group, which is resolutely determined to be a proactive leader in change and accelerate on the low carbon path, we have chosen to invite our clients and partners to meet us at Intermat 2024 to present them with all our low carbon solutions at their disposal.”

François Escourrou, CEO of Wacker Neuson added: “The next Intermat show, with its low carbon

theme, is keenly awaited by our group which has set itself the goal of cutting its carbon dioxide emissions by 50% in 2025 compared with 2019. To do so we have opted to convert our machines to electric power to support our clients in their CSR policy. We will therefore have a lot of new products to present at Intermat in 2024 in terms of equipment, with around 40 new machines in the electric range, but also in terms of associated services and digitalisation.”

Olivier Saint-Paul, CEO of PL2M additionally stated: “At PL2M, the screed and rendering machine

market leader, we look forward to taking part in the next Intermat 2024 and bringing our contribution to the zero carbon transition of the building sector. The event offers the chance to present new solutions that are resolutely focussed on the future, rounding out our ranges of rendering machines, fluid screed pumps and traditional screed conveyors. Our brands Putzmeister, Lancy and Brinkmann, will be showcased on our stand with a great many innovations for ever higher performances and safety on building sites, and less environmental impact.”

### **Redesigned around the four major challenges of construction**

The 2024 edition of Intermat aims to gather the entire construction industry around a shared vision of the future in order to harness the collective expertise of the construction industry. This is to address the sector’s major issues in terms of decarbonisation and energy, digitalisation, CSR commitment, training and employment, and organise a platform for dialogue with the public authorities. To do so, it will draw on pillars that will offer highlights and developments featuring the main challenges for the construction industry.

The first pillar aims to find solutions to the major challenges faced by the construction industry. An



## Selected list of exhibitors at Intermat 2024

AJCE EUROPE	5a L038
AMMANN FRANCE	5a C168
ARDEN EQUIPMENT	EXT6 A116
ASTEC INDUSTRIES	5a A134
AUSA	5b G059
AUTEC SRL	5b B130
BEILITE	6 B064
BHS-SONTHOFEN	6 G178
BOBCAT	5b E127
BROKK	EXT6 B098
CANGINI BENNE SRL	6 B115
DAEMO ENGINEERING	6 B060
DEMAREC	6 A059
DEVELON	EXT5 F002
DROMONE ENGINEERING	5a J027
DYNASET OY	EXT6 E080
ENGCON	EXT6 C062
EPIROC	5a D116
GEITH INTERNATIONAL	5a K076
GREEN ATTACHMENTS	5a A094
HD HYUNDAI INFRACORE	5a F023
HIDROMEK	EXT6 C048
HITACHI CONSTRUCTION	6 H039
HYUNDAI EVERDIGM	5a H168
KINSHOFER	EXT5 ZD001
KOMATSU EUROPÉ	5b E167
LEHNHOFF	5b G155
LIEBHERR	EXT6 C051
MB CRUSHER	6 E043
MBI FRANCE	6 B101
MERLO	5b A127
MESSERSI	?
MESTO PULVÉRISATEURS	5a K087
MONTABERT	5b G155
MTB BREAKERS	6 D099
NPK FRANCE	6 D101
OILQUICK	6 D115
PADLEY AND VENABLES	5a D107
PRODEM FRANCE	5a J077
RAMMER SANDVIK	6 C115
RIVARD	EXT5 ZD004
RM SRL	5a M047
ROTOTILT	EXT6 B110
SANY HEAVY INDUSTRY	EXT5 C044
SIMEX	6 D127
SOCOMECA SPA	6 B123
SOOSAN EUROPE	6 A059
SPRAYSTREAM	5a L048
STEELWRIST	EXT6 A091
TAKEUCHI FRANCE	5b A033
TECMAN	5b D037
THWAITES DUMPERS	EXT6 C115
TREVI BENNE SPA	6 D059
VOLVO	5a J150
VTN EUROPE	6 C101
WIRTGEN FRANCE	5a G158
YANMAR COMPACT	EXT6 C098
ZOOMLION	EXT5 F032

industry forum event (new in 2024) aims to bring together the five main construction federations - DLR, EVOLIS, UMGO-FFB, FNTP, SEIMAT – at a series of talks and round tables with high level speakers, construction professionals, official authorities, French and international special guests. The forum aims to provide perspectives from other sectors to address zero carbon issues from all angles. The World of Concrete Europe Forum will also provide an opportunity to hear a series of talks dedicated to the concrete industry, the material and its various applications.

To recognise innovation, the Intermat Innovation Awards is a competition reflecting the sector's new challenges and will have a dedicated display area. In order to provide the media with access to the latest news, the Intermat T Press Days is two days of workshops and discussions held on 18 and 19 January 2024 between exhibitors and journalists.

The New Technologies and Energies Hub (new for 2024) will be an area dedicated to exhibitors and start-ups, providing a speaking platform and a demonstration zone dedicated to equipment, particularly electric powered, for a look at the worksite of the future. Two exhibitors have already registered, Theam and River. In addition, a space dedicated to jobs and training has been set aside to give a platform to occupational promotion initiatives, workshops and talks, job opportunity

sessions, and so forth, whilst the Rental Day will be devoted to equipment rental with contributions from international experts.

The final pillar at Intermat is dedicated to commitments regarding how to reach net zero. Hence the exhibition will now be held over four days instead of the traditional six, with the show being redesigned to present products and services focused on the circular economy providing physical and social access to the widest possible audience.

### Five hubs

The exhibition has been sub divided into five hubs. These comprise of: Earthmoving, Demolition and Transportation; Roads, Materials and Foundations; Lifting and Handling; Building, Civil Engineering and Concrete, including the event WOCE which aims to present the full value chain of the concrete industry. New for 2024 will be the New Technologies and Energies hub (electric, hydrogen, natural gas energies, autonomous vehicles, virtual technology engineering, etc.).

During the four days of the show, visitors will be able to take advantage of the demonstration zone, an integral part of the Intermat DNA, which will offer centre stage to innovative equipment operating in real life conditions.

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



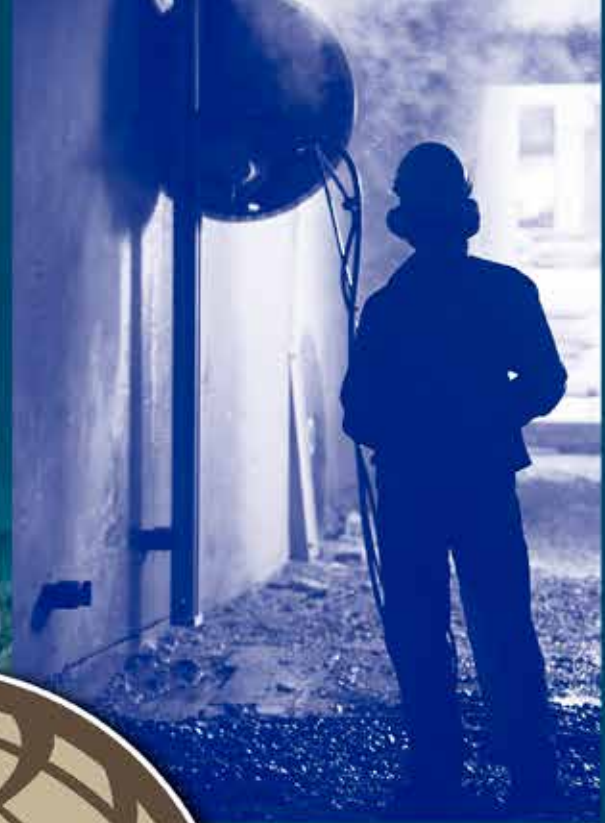
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*Interview with Christophe Lecarpentier, new head of Intermat*

# “TRADESHOWS MUST ALSO DECARBONIZE”

***A few weeks ago, PDi Magazine had the privilege of having a chat via Teams with Christophe Lecarpentier, who has been appointed as the new responsible for Comexposium’s sectors of tradeshow and conventions in agriculture and construction, of which the Intermat tradeshow is a part of.***

**L**ecarpentier began his employment in August last year and this year’s Intermat will be the first edition of the show he is bossing over.

## **From the other side of the table**

Lecarpentier has worked with construction machinery for 28 years, but on the other side of the table, so to speak. For ten years he worked for a manufacturer of seats that had customers such as Volvo, Dynapac, Husqvarna, Stiga, etc. During the last 18 years he worked for JCB with responsibility for the French market as well as French-speaking markets in Africa.

Lecarpentier feels great enthusiasm in his new position. “In my new role, I feel a bit like a conductor with responsibility to ensure that our shows such as Intermat respond well to the industry trends that apply today. An important part of my work is to ensure that we as organizer maintain clear and continuous communication with our show visitors and those who exhibit at our shows. As organizers, we must be first on the ball, so to speak, and highlight new and current topics and trends within the sectors our tradeshow covers. We will establish a close collaboration with all the trade associations that are connected to the industrial sectors that our shows covers. A big and important topic right now that concerns the whole world is how we can reduce emissions. We all have a great responsibility here, and especially we as organizers of tradeshow. Here, we have to gear up”, says Lecarpentier.

## **Stop maximizing, get delicate instead**

Lecarpentier is not shy about the fact that, as a tradeshow organizer, he has been faced with greater challenges linked to first the pandemic, then the war in Ukraine and above all the fact that the general digitization has changed the image for the media in general but also public events such as tradeshow. He asks himself the question: How can Intermat regain and strengthen its position as an important meeting place for the industry? “Our actions are also related to how we as an organizer can reduce costs. It doesn’t look good if we as a show organizer work for reduced costs among exhibitors and visitors, but we as organizer continue in the same footsteps as before. Here, too, we must take our responsibility. Some practical examples are that



**Christophe Lecarpentier, new head of Intermat.**

Intermat is organized over four days instead of six. Only here can we significantly reduce emissions for ourselves, the exhibitors and the visitors. We have also reviewed our entire way of working and our organization to find effective ways to reduce emissions and thus reduce costs for all parties,” says Lecarpentier.

Lecarpentier personally believes, linked to the world’s environmental thinking, that the time of really mega-sized tradeshow is running out. Today, everything must be more delicate and subtle. “If we are to jointly reduce emissions, we may have to think in smaller units. Then I even think about the size of the stands, for example. If we are to save and cut back, we also have to think about the mega-large stands. Here, as an organizer, we must take the lead and raise these issues. Prefer smaller stands but more brands. The most important thing is that we meet,” says Lecarpentier.

Lecarpentier also points out that the people that visit Intermat have changed over the years. In the past, mainly fleet managers and technicians came to the show. But this has changed and today you see people who work with development, safety managers, those who work with health and work environment and more. It

is a different type of visitor who comes to the fair today. He emphasizes that the personal meeting is still very important and digitalization has its limitations. Feeling and touching things is still important.

A development that is completely in line with Intermat’s endeavor to work to reduce emissions is the clear development towards electric vehicles. The entire industry is now converting to electric power, and in this conversion the tradeshow is a very important meeting place. How do we store the power in the workplace, how do we charge the machines and how do we train the staff?, etc.

## **Great hopes for Intermat 2024**

Lecarpentier has a good feeling about this year’s edition of Intermat. It has been six years since the tradeshow was organized and expectations are high. A lot has happened since 2018. Intermat is also the only truly international show in Europe this year and news is not shown in the same way at a local fair as at a larger international fair. It is estimated that around 65% of all visitors come from countries other than France.

When asked how he thinks Intermat will develop over the next five years, Lecarpentier thinks for a moment. “A very difficult question. There is so much happening in the industry right now that can have an impact, but for a show to survive it must first and foremost be useful for the industry it serves. Intermat must closely follow industry trends and developments. Here, the reduction of emissions and the electrification of the construction machines are the absolutely most important issues and will be for many years to come. If all construction machinery is powered by electricity, we also need to ensure that there is enough energy directly on the jobsite and personnel who can handle it. It is also a challenge. Trade shows such as Intermat have an important task to fill,” ends Lecarpentier.

Worth mentioning is that at this year’s Intermat the World of Concrete tradeshow occupies one tenth of the surface and the collaboration works very well. For four years now, Intermat has had an Indian edition of the show called Intermat India. Intermat India is developing very well and has become an important show in a market that is growing incredibly fast.

**[www.intermatconstruction.com](http://www.intermatconstruction.com)**

# 'BLTB' Series 3 from Beilite Europe

ACDE Europe has introduced its latest generation of hydraulic breakers: the BLTB-175-W-3 to BLTB-260-3-W, Series 3. The company says that the series provides models for every application, being suitable for excavators with an operating weight of 40,000kg to 160,000kg.

Amongst the features found on the new breakers include a professional air duct for underwater and tunnel work; a choice of impact piston; new covers for chisel locking axles; extra wear resistant housing; and BI-BLube automatic lubrication system for optimised lubrication that extends the service life of the equipment. There is also an optional dust protection system.

The company states that its breakers are designed to provide more power with less weight making them ideal for smaller excavators. They are also said to reduce fuel and transportation costs thanks to the advanced design technology, with the series having been designed for mining, demolition, tunnelling and underwater work, being developed to maximise efficiency and productivity.

## 'ASG' demolition and sorting grabs and 'ASC' pulverisers

Also new are the ASG demolition and sorting grabs which has been developed to provide a solution with maximum efficiency at minimum cost. The grabs are said to possess low weight and low overall height for



optimum handling; robustness thanks to wear resistant steel and hardened, chrome plated bearing pins. They also have 360° rotation and a high price performance-ratio whilst being suitable for large excavators up to 50t in weight.

The ASC series of hydraulic pulverisers has been designed to be used with all sorts of excavators, whether

light or heavy weight. The series comes with the company's cylinder protection and fast action valve, said to deliver more power and less waiting time. The ASC series is designed to deliver numerous benefits on large demolition projects, enabling customers to hit the ground running whilst delivering precision work, making them the ideal tool for anyone who values accuracy.

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**DEVELON AIMS FOR MAXIMUM**

# impact at Intermat 2024

***Develon will make its first appearance at the Intermat Exhibition from 24 to 27 April 2024 in Paris, France.***

The Develon stand will feature a display of new machine and digital technologies. This includes the first demonstration of Develon's Concept-X 2.0 remotely controlled (autonomous) construction equipment solution involving the DD100-CX autonomous dozer and DX225-CX autonomous crawler excavator.

Bringing both static display and demonstration sections together for the first time in the outside area of the Intermat show, the Develon stand is a two tier booth covering an area of 2,024 m<sup>2</sup>. The stand has been designed around four pillars: 'Carbon Reduction', 'Going Green', 'Compact', and 'Innovation'. The main focus will be centred around new innovative machines and technologies that support carbon reduction and wider sustainability to address the world climate crisis.

### **Carbon Reduction**

In this section, and being premiered at Intermat, will be the DX20ZE mini excavator, the first mass produced electric powered excavator manufactured by Develon. This 2t excavator is said to combine low noise and zero emissions with the features and performance enhancements that are found on the next generation DX-7 Series family of mini excavators. Alongside this will be the 14W-EREV electric concept vehicle. This electric

wheeled excavator is designed with a regenerating drive system ('eDrive'), advanced swing system ('eSwing') and 'eWorking' systems for maximum efficiency with zero emissions.

Completing this area of the display will be the DL250-FCEV ('Fuel Cell Electric Vehicle') which



has a versatile, single platform design that allows it to be equipped with a fuel cell powerpack running on hydrogen but offers the ability to transition to a BEV ('Battery Electric Vehicle') by installing a battery pack.

Develon will also be showing a number of reduced emission solutions based on fuel saving technologies and the use of bio fuels such as HVO and GTL. These include the first appearance of the company's Concept-X 2.0 DD100-CX cabless dozer and DX225-CX cabless crawler excavator. Another fuel saving system on show will be the 3D control being used to operate the Concept-X 2.0 excavator and dozer and for the DD130-7 dozer and DX85R-7 mini excavator.

Said to deliver fuel savings will be the 'CVT' transmission in Develon's DL420CVT-7 wheel loader model, which will be on the demonstration area of the stand. This is equipped with the 'Transparent Bucket' safety system. Develon states that this is the first safety system of its type to provide a solution to prevent the danger of blind spots in front of the buckets of wheel loaders. An additional fuel saving feature offered by Develon is the 'Virtual Bleed Off' (VBO) hydraulic system ('D-Ecopower') being shown on the latest version of the DX530LC-7K 53t crawler excavator in the static display. Another fuel saving solution on show is 'Full Electric Hydraulic' (FEH) technology, which is

effectively a VBO system without pilot pressure lines. The FEH system will be installed on the Concept-X 2.0 cabless excavator at Intermat.

**Going Green**

The Going Green pillar underpinning the Develon stand at Intermat showcases green solutions for customers. This is supported by the introduction of identification labels on machines, providing clear communication of their green credentials such as HVO (green diesel) compatibility; bio oil filled, etc. It also encompasses contamination control with biologic/organic oil provided from the assembly line. Also under this banner, the Develon stand will demonstrate the compatibility of the company's machinery for use with HVO and gas to liquid (GTL) diesel.

**Compact**

A large area of the static display section will be dedicated to Develon's new range of compact equipment, much of which will be shown for the first time at Intermat. This will include the new DTL35-7, the company's first compact track loader model which is said to boast features designed to set it apart from its competitors. Visitors will also see Develon's new DD130-7 dozer model for the first time, which has a range of features providing a

productive fine grading solution for residential and light commercial construction projects.

New Develon mini excavators being shown for the first time at Intermat include the DX10Z-7 1.16t, DX17Z-7 1.85t, DX27Z-7 2.8t and DX85R-7 8t models. All are said to offer increased performance, optimum stability, additional versatility, enhanced operator comfort, controllability, durability, ease of maintenance and serviceability. Another compact machine is the DX100WR-7 10.7t wheeled mini excavator on the demonstration area which will be equipped with a tiltrotator. The display of compact equipment will also include the DL80TL-7 compact wheel loader, part of a five model range of 3.5t to 5t compact wheel loaders.

**Innovation**

The Innovation theme covers the new line ups of electric and hydrogen powered machines including the DX20ZE, DL250-FCEV and 14W-EREV machines and the Transparent Bucket system. It also covers digital technologies being displayed on screens and monitors in the main building on the stand such as the 'Develon Smart Quarry', 'Develon DXP' digital platform and Develon fleet management system. The Smart Quarry Solution is said to integrate all the business processes involved in running a quarry business, from order tak-

ing to sales using ICT technology to manage the site and increase productivity with minimal cost and time.

Develon will also be promoting the latest version of the company's fleet management wireless fleet monitoring system. Specifically designed for the Develon range, it is said to provide comprehensive information about machine performance in a dual mode (satellite, mobile network). The telematics system offers a web based fleet and asset management solution which is designed to provide a useful tool for managing the performance and security of machines and promoting preventative maintenance.



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## AGP introduces new high frequency coring motor and drill stand

AGP's new DM20 is an all new rig mounted coring motor for 100mm to 500mm diameters. It is said to be able to accomplish this with only one gear ratio due to its state of the art high frequency motor design, which allows a wide speed range with no loss of torque. There are no gears to select with all speed adjustments being made electronically via the digital interface; - users simply select the diameter by pushing a button, and the user is ready to drill. Although it is high frequency, there is no separate power box needed. All is integrated into one single motor head, with no three phase power needed as it runs on single phase 220-240V. This significantly simplifies things, since not every jobsite has three phase power available.

It is said to be able to drill 500mm on single phase due to its output efficiency. On 16A input, it puts out 3.3kW, which the company says is 90% efficiency. AGP further puts this in perspective as the company says a typical 16A universal motor puts out only about 2.1kW or less on the same input. AGP states that this means that its AGP DM20 is more than half again as powerful as other units available. AGP is also very proud of its 'PMSM' (permanent magnet synchronous motor) technology. The company says that it is the first to apply this technology to a coring motor, and its performance on the job says it all, with any other motor requiring a three phase current.

In addition to performance, AGP says that there are

many useful features built into the design. The display can be easily switched between millimetres and inches and that there is a clearly visible LED load indicator so that the operator can optimise feed pressure. Running on single phase current makes the whole system much easier and more convenient to set up and run, with AGP stating that 'with its amazing output and performance', the AGP DM20 is sure to be a game changer in the field.

It is joined by the new QS600 drill stand. This drill stand is said to be an improvement due to its quick release camlock cradle system. This makes it much easier and safer for the operator to mount and dismount the motor from the stand, especially in challenging situations, such as on walls, etc. Another distinguishing characteristic of the stand is its ability to mount up to a 500mm core bit without the need for any additional spacer. It can also mount 600mm with the addition of an accessory spacer.

This drill stand has a full range of features, such as built-in gear reduction, tilt capability, spirit levels, and wheels. The rig has been designed and built for strength but with minimised weight, using a steel reinforced aluminium alloy column and box steel base. Overall, the QS600 drill stand and the DM20 coring motor are a perfect complement to one another, making an optimised large diameter core drilling package.

[www.agp-powertools.com](http://www.agp-powertools.com)



## MB Crusher at Intermat

MB Crusher invites interested parties to come and visit stand E 043, Hall 6 and demo area EXT6 C 094 where it will exhibit its full range of equipment dedicated to compact machines at Intermat 2024 in Paris.

Crusher buckets, trommel and padding buckets, hydraulic cutters and sorting grapples are designed to not change work habits but improve them. Not just as a complement to the carrier machine, but also to expand their functionality and, consequently, enhance new job opportunities for companies.

For example, using a Mecalac 8MCR excavator and an MB-C50 crusher bucket, a French company specialising in groundworks and the construction of swimming pools, reuses the demolition waste instead of sending it to the landfill, thus reducing disposal costs and pollution while respecting the residential area where they work. The customer installed the MB Crusher MB-S10 screening bucket on the 10t excavator and was able to screen the cuttings to obtain topsoil to create flowerbeds and refill the gardens of the Palace of Versailles.

In another application, a landscaping company used a MB-G350 sorting grapple fitted on its Bobcat E27 mini excavator to safely move branches, trunks, brambles and twigs. Installed on a Doosan DX63 excavator, a MB-HDS212 padding bucket enabled an earthmoving company to sort and recycle as much construction waste as possible. Once recycled, the materials can be reused or resold.

Waste management reduces the impact on the environment and saves the company money on the purchase of new materials and Intermat 2024 is about sustainability with decarbonisation being the theme of the show, pertinent at a time when the environmental emergency has come to the forefront. MB Crusher states that its attachments help sustainability because they allow waste to become a resource to be reused and reduce emissions by avoiding the constant back and forth of trucks.

MB Crusher at Intermat 2024: Hall 6, Stand NR. E 043 and demo area EXT6 C 094.

## BOBCAT LAUNCHES AIR COMPRESSOR WITH 'FLEXAIR' TECHNOLOGY

Following the introduction of the new Bobcat range of portable power products at the start of 2024, the company has launched the new PA12.7v portable air compressor. This is a variable pressure compressor that utilises a system called FlexAir technology, allowing it to operate in the range of 5.5 to 12.1bar and offer free air deliveries from 5.2 to 7m<sup>3</sup>/min.

### Designed for versatility

FlexAir technology enables the use of the whole range of pressure output from the compressor which can be set via the control panel which is intuitive to use, enabling the operator to vary the pressure and flow system with a simple push of a button. Thanks to the variable free air delivery system, the same machine can be used for diverse types of work ranging from general construction and powering hand held pneumatic tools to sand/abrasive blasting, pipeline pressure testing, high pressure industrial cleaning, welding, concrete spraying and optical cable blowing.

A full portfolio of options has been developed to aid versatility. Whether the application requires the machine to be equipped with an aftercooler, lubricator, spark arrestor, generator or any of the other optional features available, the PA12.7v portable compressor can take on any number of tasks. The new model is said to offer enhanced versatility with the optional 6 or 8.5kVA generator installed, which is said to enable both the compressor and

generator to work at 100% performance at the same time.

The PA12.7v portable compressor has been built to withstand the rigours of diverse applications in the toughest conditions. The strong, lightweight polymer canopy on the new PA12.7v opens a full 90°, making it easy to access essential components and maintenance points. All areas are said to have been carefully designed for ease of inspection, maintenance and repair. Service intervals for several components have been extended to increase uptime and reduce maintenance costs. Central liquid drains also simplify maintenance, reducing downtime and the presence of a 110% bunded base as standard is designed to prevent liquid spills into the environment, giving added peace of mind.

### Designed with the operator in mind

The PA12.7v portable compressor is designed with the operator in mind, offering several optional external features including variable height running gear, exterior protective elements, safety chains and a canopy mounted hose reel that is said to provide additional flexibility to allow users to accomplish more every day. The new PA12.7v is part of Bobcat's comprehensive portable power range, offering a wide selection of different sizes of portable compressors and generators for use in a wide range of industries, including plant and tool hire, demolition, utilities, construction, quarrying and general industry.





# ATLAS TO PRESENT ITS 100 % BATTERY POWERED INDUSTRIAL MATERIAL HANDLING MACHINE '200MH ACCU' IN ACTION AT IFAT 2024

This year, Atlas GmbH will again be present at Ifat Munich – the world’s leading trade fair for environmental technologies. Every two years, Ifat provides a platform for the industry to present solutions in water, sewage, waste and raw materials management as well as strategies for utilising resources in intelligent cycles and preserving them in the long term.

The next Ifat will take place from 13 to 17 May 2024 at the Munich exhibition site. In the newly introduced cross industry sessions, solutions from various sectors will be the focus of attention, with the objective being to address and develop shared solution approaches for a circular economy across various industries. Based on its comprehensive network, Ifat Munich brings together key players from communities and industrial sectors who are interested in recycling management and the closing of loops in economic circles.

Atlas cooperates closely with VAK, the German association of manufacturers of vehicle bodies, suppliers and manufacturers of accessories for equipment and municipal vehicles. The VAK member companies aim to develop and produce innovative, energy efficient and resource saving equipment and municipal vehicles. In this way, they create values for customers, stakeholders, employees, and society as a whole. At the booth hosted by VAK, Atlas will present its 100 % battery powered industrial material handling machine, the 200MH accu.

This machine has an operating weight (including 500l grab) of 21t and the boom has a reach of up to 11.6m. The large electric motor generates an output of

140kW and runs on a climate controlled lithium ion battery with a capacity of 115kWh, which provides sufficient energy for four hours of operation. An hour at a 75kW charging station will then recharge the battery system to 96 %.

At Ifat, machines are not simply stationary exhibits, but also demonstrated in action, showing prospective customers exactly of what they are capable of. In the outdoor exhibition area FM.713/2, Atlas is going to show visitors interesting live demonstrations just how efficiently Atlas material handlers operate, presenting two different versions of the 200MH. One machine features a dipper tipping cylinder and sorting grab, whilst the other has a multi jab grab with a capacity of 350ls. The working length of the booms is 6,000mm

and of the jibs 4,000mm. Other boom combinations are available as options.

The undercarriage of the 200MH accu is equipped with sturdy four point outriggers for support as well as heavy duty axles fitted with solid rubber industrial tyres. The upper carriage has a swing radius of 2,240 mm. The special feature of this material handler is the powerful battery pack in the rear for maximum mobility and uninterrupted operation in recycling applications at zero emissions. The battery pack serves as the sole energy source, thus allowing the machine to drive and work entirely self-sufficiently.

The battery is said to have a particularly long service life and the 200MH accu features a certified high voltage battery system with a minimum of 4,000 full load cycles with the climate control of the battery cells taking care of a constant cell temperature. In addition, the integrated power electronics are designed to ensure an especially gentle starting of the motor to protect the supply system.

At an assumed annual operating time of 2,000h, and energy generation from renewable energy sources, the excavator is said by Atlas to save 30t of CO2 on average, per year. No maintenance work is required, and at the same time, the machine operates completely without fossil fuels as well as vibration and noise being reduced, thus noticeably relieving the strain on human health and the environment.

Atlas will be located at the VAK tent in the outdoor exhibition area (FM.713/2).

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





## New asphalt crack chaser, industry floor joint cutter from DiaKat

*DiaKat has released its new RK-10 crack chaser which is designed for the dressing of cracks in asphalt and concrete prior to sealing. The model is mainly designed for use during road reparation but is may also be used for other outdoor construction work.*

Rear wheels are mounted on a steering pivot which enables the machine to follow the cracks. The machine uses 180mm Tuck Point diamond blades for dry cutting to a cutting depth of 40mm (max). The machine's dimensions are 970mm x 790mm x 970mm and weighs 76kg or 82kg depending on engine type (Honda GX270 or GX390). The GX270 offers a nominal power of 6.4kW, while the GX390 offers 8.7kW. DiaKat states that other features include a precise adjustment of cutting depth functionality, forward rotation for the tool which leaves less debris in the joint, as well as ergonomics. Another variant with fixed axis of the rear wheels is also available.

DiaKat has also released the RK10E, a joint cutter designed mainly to use for industrial floor treating and other interior work by flooring specialists for cutting joints in different surfaces, for example concrete, anhydrite and epoxy. It can also be used for reopening old joints or making new joints, so called dilatations. The machine can use up to 205mm diamond blades and allows both dry and wet cutting at a max cutting depth of 50mm. The model can be used with 'V' shaped blades for chamfering joints prior to sealing and can also be connected to a dust collector for dust free operation. The model is available with two electric motors: a 230V Cima or a 400V Siemens with a nominal power of 2.2kW or 4kW respectively. Its dimensions are 970mm x 630mm x 970mm, and the machine weighs 67kg or 75kg depending on the choice of engine.



## CRUSHED SLAG AND CONCRETE 100 % RECYCLED

*For four years, a customer of RM dealer Covema S.A.C.I.F. in Argentina has been crushing concrete and slag using a RM 100GO! crusher in a highly efficient and environmentally friendly manner.*

With a throughput capacity of 150t/h, the RM 100GO! has been used in Argentina to crush concrete and steel slag from 0-500mm to 0-30mm directly on site during an 8h/day. The customer, an expert in the use and integration of recycled materials in road construction in Argentina, crushes concrete in order to reuse it for the production of new concrete. In addition, slag is crushed for road construction and recycled for the production of new steel. In this way, thanks to the impact crusher, all the material can be recycled.

### Crusher scores with versatility and sustainability

The RM crusher was ordered and put into operation over four years ago. It was particularly important to the customer to acquire a crusher that is suitable for a wide range of applications. The RM 100GO! is said to undoubtedly fulfil this requirement as it not only enables the crushing of concrete from the demolition of old, rigid pavements, but also the recycling of other materials such as slag. RM says that the outstanding quality of the machine, and the favourable financing conditions

offered by its dealer Covema, ultimately convinced the customer to purchase the crusher. The customer stated that thanks to the versatility that the RM 100GO! crusher offers in recycling locally available materials it is able to achieve the high levels of compliance for materials used building Argentinian roads.

### What to consider when crushing slag

Slag is created during the production of steel and consists of mineral components and other elements that are removed from the metal ore during the smelting process. Slag also usually contains iron, which can cause damage in the crushing chamber if the wrong type of crusher is selected. RM states that an advantage of using the RM 100GO! crusher is the 'RM Release System' (impactor opening to remove blockages in the impactor), which opens if pieces of iron are present in the material being crushed, thus preventing damage in the crushing chamber. RM does advise, nevertheless, that large pieces should still be sorted out or pre-crushed before feeding, as iron parts that are too big can cause damage to the crusher despite the release system.



## Genesis introduces the GRP 480, designed exclusively for processing rebar

Genesis Attachments has announced the release of the GRP 480, its new hydraulic mobile shear, designed exclusively for processing rebar. Developed in response to customer requests, the GRP 480 rebar processor features numerous bolt on wear parts and surfaces for easy maintenance and jaw protection. The bolt on, weldable lower tusks have been designed to work with the weldable and replaceable piercing blades to efficiently sort and separate rebar bundles. Addition-

ally, a bolt on plate on the cutting side of the upper jaw provides a replaceable wear surface that protects the jaw's parent material.

The GRP also features an extra-large pivot group designed to withstand the rigors of daily rebar processing and provide enhanced durability. The rebar processor features a 609mm jaw opening with a 660mm jaw depth and fits up to 21,772kg carriers second member mounted, and 40,823kg carriers third member mounted.



**Tana Oy aims for even stronger growth with the support of CapMan Growth**

The CapMan Growth Equity III fund has made its first investment in environmental technology company Tana. The investment has been made together with CapMan Growth's long term industrial advisor, Normet Group's principal owner, Aaro Cantell, and the Elo Mutual Pension Insurance Company. Simultaneously, the company's executive management team has also invested significantly in the company. Tana's long term owner Kari Kangas and his family will continue as the company's largest shareholders.

Tana Oy is an environmental technology company that promotes sustainable development by offering smart equipment and solutions for processing solid waste. The globally operating company is one of the world's leading equipment manufacturers in the field, and its product portfolio includes shredders, screens, landfill compactors and remote monitoring systems. Tana products are exported to more than 50 countries through a global distribution network that includes more than 30 authorised Tana dealers. The company's head office is located in Jyväskylä, Finland.

Tana Oy has experienced strong growth and has been able to maintain an annual turnover growth rate

of around 20% for several years while maintaining an excellent level of profitability. For the financial year ending in March 2024, the company's turnover is expected to exceed €65M, and the parties to the agreement have agreed to invest in strong growth in the future as well.

### Towards market leadership in the global recycling industry

CapMan Growth is investing in Tana together with its long term industrial advisor, Aaro Cantell, principal owner of Normet Group. With his Normet background, Cantell has almost 20 years of experience in generating rapid growth in a similar sector providing mining solutions. He will support Tana's future growth in the role of chairman of the board. In addition to his expertise, he will also make a significant investment in the company. The investor consortium is completed by Elo Mutual Pension Insurance Company, and the company's executive management team is also investing significantly in the company. Tana's long term owner Kari Kangas and his family will continue as the company's largest shareholders.

[www.tana.fi](http://www.tana.fi)

## AUSA to showcase its electric range at Intermat

AUSA, the manufacturer of compact all terrain industrial vehicles, will be at the Intermat trade show, one of the world's leading events dedicated to the construction machinery. The event will take place on 24-27 April in Paris, where AUSA will showcase a selection of its portfolio, including its range of zero emission vehicles.

AUSA will have a 360m<sup>2</sup> space in Hall 5B, where it will be exhibiting a selection of dumpers, rough terrain forklifts and compact telehandlers, all focused on sustainability, efficiency and customer profitability. In this space, AUSA will be putting the spotlight on its electric range of dumpers and telescopic handlers, and the ease with which they can be recharged in almost any location. AUSA's aim is to continue consolidating its commitment to the decarbonisation of the industrial sector and lead the energy transition of the most compact all-terrain vehicles, a niche in which AUSA believes it stands out as the manufacturer with the largest number of electric dumpers on the market.

AUSA will also highlight the connectivity of its products through 'AUSAnow', its fleet management system. The software, available for all AUSA products, allows rental companies and users to have total control of their AUSA vehicles, enabling them to view and create their own personalised charts, to obtain in-depth information about the operation of their machines, and make decisions that are based on detailed information. It also enables bi-directional connectivity between user and machine, thus preventing incidents and reducing downtime.

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



## Genesis introduces the M7 concrete cracker for demolition robot applications

Genesis Attachments has announced the availability of its new demolition tool, the M7 concrete cracker. This has been designed to fit remote controlled demolition robots and mini excavators, with the M7 said to be ideally sized for interior demolition as well as concrete processing and recycling.

Fitting up to 11,339kg carriers, the M7 weighs 635kg and features a 686mm jaw opening with a 482mm jaw depth. The solid Strenx 900 steel jaws are designed to provide rugged durability while the replaceable teeth and blades simplify maintenance.

The M7 has been designed to efficiently process concrete with a hydraulic booster that increases power and speed and a fully guarded cylinder rod that's protected from debris. The knock around rotation option, which features adjustable brake and position locks, is said to make it easy for an operator to position the M7 for picking up material. A hydraulic rotation option is also available.



The new M7 concrete cracker was featured on a Volvo ECR88D at the National Demolition Association Convention in San Antonio, March 2024. Genesis Attachments, an NPK Company, is a global company specialising in the design and manufacture

of high quality hydraulic shears, grapples, concrete processors and specialty attachments for the scrap processing, demolition, material handling and off-shore decommissioning industries. Genesis is based in Superior, WI, USA.

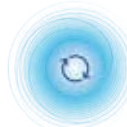
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From left, Avant Tecno CEO Jani Käkälä, the two demolition contractors Ari Kara from Pohjanmaan Erikoispurku Oy, Sakari Haapaniemi from Tampereen Porausteam Oy and Jukka Kytömäki, head of sales and marketing at Avant Tecno.

# AVANT TECNO LAUNCHES new battery technology and two new loaders

***Having your own development and manufacturing facilities for batteries for your construction machinery is rare. It is mainly the large manufacturers that have this capability. Now Finnish company Avant Tecno has also joined the club. In March the company invited some 50 European journalists to present its latest battery and equipment developments at its Finnish factory.***

In mid-March, PDi's editor in chief had the opportunity, together with a group of other European trade journalists, to visit Avant Tecno's headquarters and manufacturing facility in Ylöjärvi, just northeast of Tampere in Finland. Avant Tecno gathered around 50 journalists from all over Europe for a press conference. On the agenda was the launch of two new 100% battery powered compact loaders and a visit to Avant Tecno's new battery manufacturing facility.

### A forerunner in electric drive

The day began with Avant Tecno CEO Jani Käkälä welcoming everyone. He talked about the company that was founded in 1991 by his father, Risto. Risto is retired today, but nevertheless almost never misses a day of work and was also present at the press conference. Jani informed the participants about the expansion of the business, which today comprises of three large factory complexes with a production area of 61,000m<sup>2</sup>. Jani also took the opportunity to talk about Avant Tecno's investment in all electric machines. The company is a forerunner in electric drive technology. Intensive development work is constantly underway to partly develop the machines themselves and partly to have full

inhouse control of the development and manufacture of the batteries themselves.

Jani also described the scenarios how the industry as such estimates the use of battery powered machines

and how their use will develop over the next decade. He outlined three possible development scenarios: the most conservative forecast is that approximately 30% of fleets will consist of battery powered machines within 10 years. The second scenario is that approximately half of all machines will be battery powered within 10 years. The third scenario, which many believe has the greatest potential, is that 80% of all machines will be battery powered within 10 years. This changeover will naturally place great demands on manufacturers. Avant Tecno believes that it is one of the manufacturers of construction machinery that is at the forefront of this development, investing in developing and producing its own batteries.



Avant Tecno CEO Jani Käkälä next to the company's self-made batteries.

### A new generation of battery powered loaders

Avant Tecno's also introduced two battery powered developments. Jukka Kytömäki is Avant Tecno's head of sales and marketing, previously holding the position of CEO of Avant Tecno's USA operations. Jukka said that Avant Tecno has been at the forefront of electric loader development for decades and is now launching the next generation of all electric loader models, the Avant e513 and Avant e527. These will renew the Avant 'e-series'



About 50 journalists from all over Europe gathered at Avant Tecno.



The facility where Avant's batteries are manufactured.



The new 100% battery powered e527 and e513.



Avant's manufacturing facility has expanded in recent years and employs 360 people.

and replace their predecessors, the Avant e5 and e6 models. Production of the models started in January 2024 with the two new loaders being almost identical, with the only difference being the capacity of the batteries.

The Avant e513 (13kWh) is a good choice for short term continuous use on, for example, cattle farms, horse stables, greenhouses or DIY or leisure activities. The Avant e527 (27kWh) with a larger battery is ideal for demanding professional use, with construction and demolition contractors said to particularly benefit from this model. The all electric Avants are ideal for working in tight spaces on construction sites that have strict limits on noise and emissions. Jukka particularly emphasised the Avant e527's excellence in the context of demolition. It has been particularly developed for this type of application and is well suited for interior and renovation demolition. Supporting this, Jukka actually had representatives from two Finnish demolition contractors, Sakari Haapaniemi of Tampereen Porausteam Oy and Ari Kara of Pohjanmaan Erikospurku Oy, who use the new loaders. They both talked about how they invested in Avant's battery powered machines and how they improve their operational efficiency whilst making themselves more environmentally friendly.

Avant's compact loaders are indeed an excellent choice in the context of demolition, especially since the launch of its new battery powered loaders. The company also has over 190 different tools and several of these are intended for demolition work. With the environmental problems the world is facing, investing in battery powered machinery like Avant should be a matter of course.

#### A full working day on a single charge

Fully charged in the morning, the Avant e527 can be used for an entire working day. The maximum operating time of the machine is about six hours for medium work, while

for the Avant e513 it is about three hours. The battery in both loaders can be fully charged with a quick charger in less than one and a half hours, enabling long working days. "For several years, the market has longed for all electric loaders that would be more like diesel loaders in terms of functionality. Until now, uptime and pricing have been key issues related to electric loaders, but with Avant's new e-series, we solve both," says Jani Käkälä.

#### The renewed Avant e-series - some important facts:

- All electric loader series with zero emissions and is very quiet.
- Low operating and maintenance costs.
- Two models: Avant e513 (battery capacity 13kWh) and Avant e527 (battery capacity 27kWh).
- Excellent performance in warm conditions and severe frost.
- Fast charging in under an hour and half; type two charging with a built in 3kW battery charger.
- The maximum charging current has been increased by 50% compared to previous Avant electric loaders.
- Two electric motors: one for driving hydraulics and one for additional hydraulics, boom and steering.

- Thanks to the electric motor, maximum torque is immediately applied, which ensures excellent traction.
- The further improved cooling system in the engine package keeps the machine's heat under control even on soft terrain.
- Increased load resistance during short term hard work.
- The updated multifunction display provides information on battery status, temperature, power consumption, operating hours, additional hydraulic power, maintenance requirements and more.
- Same appearance as Avant's diesel powered 500 and 600 series loaders.

#### Unique battery technology and own manufacturing

Avant Tecno currently employs 360 people. A few years ago, it acquired a large industrial complex that is located right next to the original manufacturing facility and next door is Avant Tecno's own production centre for batteries. Today, 12 people work here focused on the development and manufacture of batteries. The production centre has the potential to quickly double production, with that being something that Jani Käkälä believes will happen in the near future.

Avant Tecno's team has developed a completely new and unique battery technology called 'Avant OptiTemp', which manufactured in-house by Avant Power Oy. The new loaders are equipped with Avant OptiTemp battery packs (13kWh and 27kWh). The globally unique battery technology has been designed to take capacity to a whole new level, and the energy density of the batteries is believed to be amongst the best in the world. The heat management system of the patented lithium ion batteries ensures the same capacity in hot and extremely cold temperatures, whilst multi-level protection makes Avant OptiTemp batteries very safe.

[www.avanttecno.fi](http://www.avanttecno.fi)



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# INTRODUCING SAMEP TOOLS

Established in 1979, Samep Tools states that it has emerged as one of the leading manufacturers of hydraulic hammer components in Europe. Manufacturing and distribution are located at Turin, in the Italian North-western Industrial Area, where the company operates a 3,000m<sup>2</sup> manufacturing unit, a 1,200m<sup>2</sup> parts storage warehouse as well as an equipment repair workshop. In Turin, logistics is managed with trucks leaving daily for any destination with express service being provided to cover Europe.

The company states that its speed of service provides its parts stock added value. To maintain what the company says is its market leading position, Samep Tools has continually updated its spare parts range.

The company now provides chisels and tools in general, as well as pistons, bushings, tie rods, thrust rings, tool retainers and many other items, all suitable for the most popular hammer brands. These include Rammer, Montabert, Epiroc, Furukawa, NPK, Socomec, Caterpillar, D&A, Everdigm, and many other makes.

The company states that the newest machines are at the centre of its enterprise and it aims to act as rock breaker experts rather than competing purely on price. Samep Tools employs hydraulic engineers who can work with customers to solve equipment problems. All members of the team are specifically experienced in multi-brand hydraulic hammers making it, so the company believes, the ideal partner for resellers and service specialists.



The company also help repair breakers, having gained valuable expertise on how breakers have evolved in the last four decades. This includes understanding the inner mechanisms and conception of breakers, dismissed prototypes and patterns, and the effect of raw materials on performance on each part. Furthermore, the company believes that quality is essential to its standard processes. This means that all products are tested and are given a unique ID serial number.

To support high quality standards and client demand, Samep Tools has an inhouse laboratory equipped with the latest test equipment for ensuring compliance of raw materials, production processes and finished products. Samep Tools states that it is proud of its hard won reputation and provides equivalent parts at a fair price with what it says is exceptional service. The company is currently looking for new dealers and is keen to develop long term business relationships based on loyalty and respect.



**Atlas material handlers at 2024 ISRI**

This year, Atlas was again represented at the ISRI Convention, the largest event for the recycled materials industry. The annual ISRI Convention and Exposition took place in Las Vegas, Nevada, at the Mandalay Bay Resort & Casino from the 15 to 18 April 2024.

ISRI claims to be the 'Voice of the Recycled Materials Industry', representing more than 1,600 companies in the U.S. and 40 countries around the globe. Based in Washington, D.C., ISRI provides advocacy, education, safety and compliance training, and promotes

public awareness of the vital role recycled materials play in the U.S. economy, global trade, the environment and sustainable development. At its April show, the SMH Group, the North American distributor of Atlas machines, brought and exhibited two Atlas material handlers, a 350 and 200.

Said to be precision built and purpose driven material handling solutions crafted for productivity and comfort, Atlas material handlers include mobile industrial and industrial tracked machines. They are designed to work on applications such as scrap, wood, bulky goods, special recycling, port applications and vacuum operations. Their features have been developed to include fast cycle times, optimised handling, mechanical expertise, reliability, extended life span and versatility, providing a range of diverse equipment to meet customer expectations.

Exhibited at the show was the Atlas 350 MH which is powered by a turbocharged 180kW Deutz TCD 6.11 engine, with the machine on display equipped with a four tine scrap grapple. The 200 is powered by a turbocharged Deutz TCD 6.11 engine with an output of 129kW and was shown with a sorting grapple.





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# ANTRON BROWN AT THE 2024 ISRI CONVENTION

**Genesis Attachments has announced that Antron Brown will be signing autographs and meeting attendees at the upcoming ISRI Convention in Las Vegas as part of Genesis' 2024 sponsorship of AB Motorsports.**

The three time NHRA Top Fuel world champion, with the Matco Tools dragster, will be front and centre at the Genesis booth at the convention. "We're looking forward to hosting Antron at ISRI and sharing his story and success with the recycling industry," said Justin Palvere, Genesis director of North American sales. "This sponsorship is a great fit for us since our tagline is 'The Promise of Performance', and Antron and team are top performing world champions."

"We're excited to display our Matco dragster at the ISRI trade show in Las Vegas next month. It's a key initiative for Genesis, and we're eager to support the event and engage with the recycling industry," Brown said. "It's thrilling when you can bring new partners to the sport of NHRA drag racing and get them hooked on the nitro and power of the exhilarating sport we love."

Genesis joins the growing roster of AB Motorsports partners as the organisation enters its third full season

of NHRA competition with Brown competing in the 21 race Mission Foods Drag Racing Series. Additionally Angelle Sampey, AB Motorsports' Accelerate driver, competes in both Mission Foods and Lucas Oil Series races in the Top Alcohol Dragster division. In his first two seasons as an NHRA team owner/driver, Brown has won six races in nine final round appearances and earned one number one qualifying award. He began the 2024 season one race win shy of 75.

## OilQuick to exhibit at Intermat 2024 in Paris



OilQuick is a family owned modern industrial company focussing on development, manufacturing, and sales. OilQuick a leading full line supplier of fully automatic attachment coupler systems for excavators, wheel loaders, forklift trucks, material handling machines and cranes. OilQuick also offers high quality tiltrotator systems for excavators. OilQuick states that its coupler is the world's best-selling quick coupler system and is now set to showcase its latest products and advancements in innovation at the prestigious Intermat Show 2024.

The company states that it is renowned for pushing the boundaries of excellence and quality, and that it has

revolutionised efficiency and safety in the construction business for over three decades. With its fully automatic quick coupler and tiltrotator systems, OilQuick believes it has led the way in transforming the construction industry into a modern, effective and safe business. It has helped achieve this through the use of automatic couplers enabling operators to safely stay in the cab and do all the switching of hydraulic, electrical and mechanical tools and attachments with just a push of a button. Furthermore, its tiltrotators are designed to transform an excavator into a highly versatile and effective machine beyond the ordinary.

At Intermat OilQuick will showcase its entire product range of fully automatic quick couplers for tool carrying machines, as well as the tiltrotator range for excavators. The segments covered by the equipment are:

- Demolition
- Construction
- Railway work
- Recycling, harbour and material handling
- Load handling

OilQuick will be located at Hall 6, Stand 6 D 115.

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