

# ppda

PROFESSIONAL  
DEMOLITION  
AMERICAS

Your Gateway to North, Central and South America

Volume 12 • Issue 2  
June - July 2024

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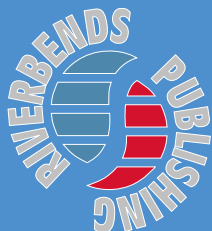
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# Bridge Collapse Gives Rise to Inspirational, Ominous Lessons

"Uh oh."

That was my thought early on the morning of March 26, when I learned that a large container vessel had collided with the Francis Scott Key Bridge in Baltimore, Md., just a few hours earlier. Details were still sketchy at that point as responders were still assessing the situation, but it was clear from videos already circulating on the Internet that something horrifyingly remarkable had happened.

A little more than two months after the collision, something else remarkable has happened—the stranded vessel and the last of the thousands of tons of steel, concrete, and asphalt it brought down were cleared from the main navigation channel, allowing the Port of Baltimore to resume normal operations. That such an extensive tangled mass of wreckage could be removed so quickly is a credit to the multi-agency response team that brought resources and expertise to bear on the challenge, and the marine salvage companies that got the job done.

Over those two months, those of us who follow stories such as this for professional as well as personal reasons learned a lot about the process of safely and efficiently cutting removing chunks of debris from the site, from using high-tech sonar to map out the piece-by-piece demolition and guide expert divers through the murky waters, to the controlled explosives to make precision cuts to dislodge the 5,000-ton bridge section pinned across the stranded vessel's bow.

We learned a few other things as details came out—about the heroism of the police who stopped traffic at both ends when alerted to the impending collision, and the helplessness they must have felt when they were unable to alert a construction crew working on the main span.

We also learned something about compassion and respect, as the meticulous

demolition and salvage work was carried out in step with the search for four missing construction workers who'd been on the bridge when the collision occurred. At the first sign of any potential, protocols were in place to immediately halt work so that State Police divers could investigate. In the end, the bodies of all four workers were brought home.

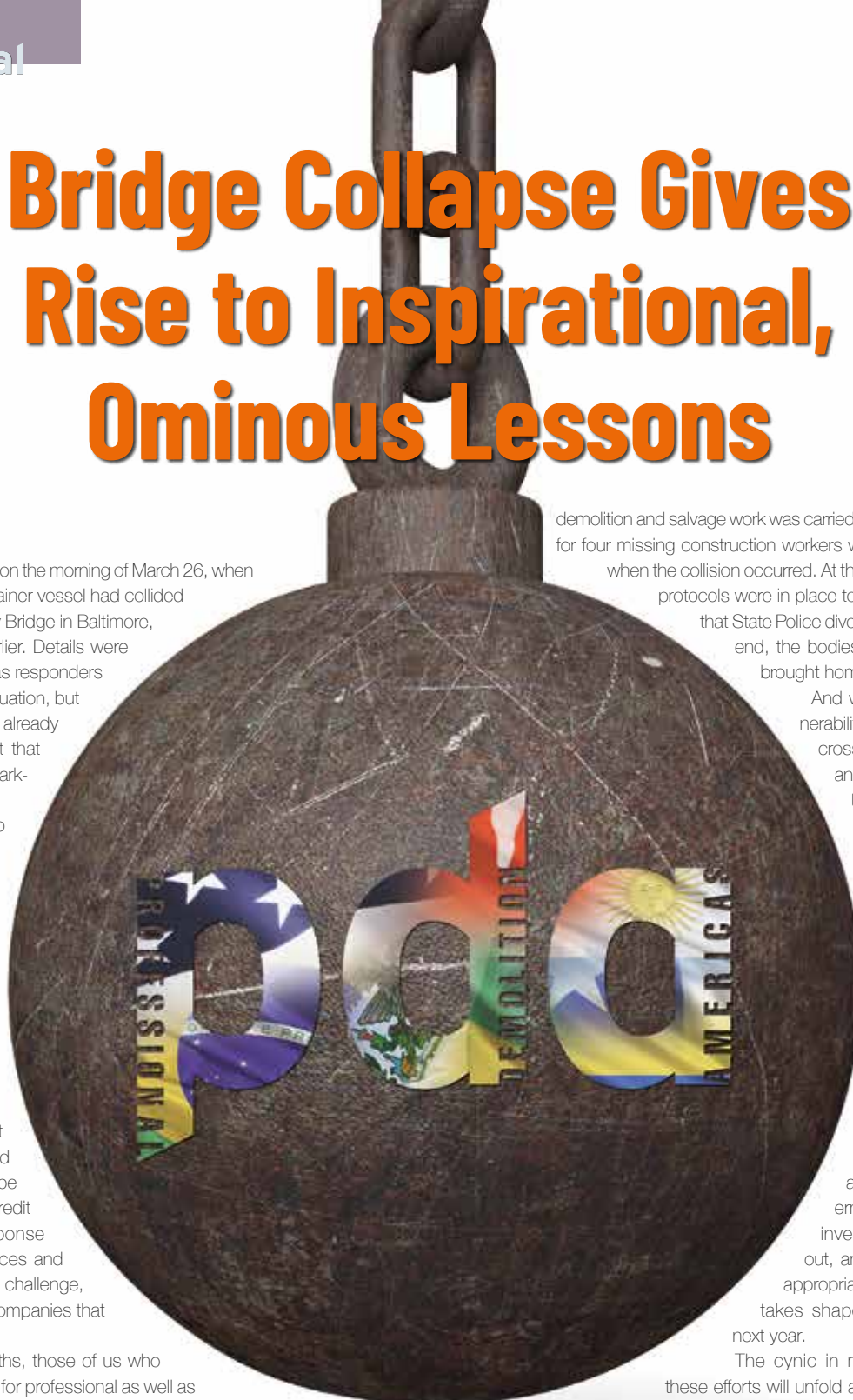
And we learned about the vulnerability of other major waterway crossings to similar incidents, and how sure signs of potential failure are sometimes overlooked or, worse, not acted upon for whatever reason (usually money and/or questions of responsibility, but that's another story).

We'll be learning more about the Baltimore bridge incident—its causes, consequences, feats of innovation, depths of tragedy, and more—in the coming months and years as multiple government agencies conduct investigations, lawsuits play out, and a new, hopefully more appropriately protected Key Bridge takes shape beginning as early as next year.

The cynic in me doubts that most of these efforts will unfold as collaboratively and with the same sense of mission as the two-month wreckage removal effort. For now, the surviving ends of the Key Bridge serve as a constant reminder of what happened in the dark of that March night, and what people from all backgrounds and experiences did about out in the hours and months that followed.

After all, the next "uh oh" moment can and likely will happen when least expected.

**Jim Parsons, Senior Editor**  
jim.parsons@pdamericas.com





# Pentrunder

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Find out more on: [www.pentrunder.com](http://www.pentrunder.com)

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





PDA Magazine is pleased to present regular updates from the US National Demolition Association. This column comes from NDA Executive Director Jeff Lambert.

## NDA Announces New Resources, Membership Growth

The National Demolition Association is pleased to announce a series of new member benefits and achievements, demonstrating their commitment to industry safety, education, and growth.

### New Member Benefit: Starting Out Right Video Series

A new video series, "Starting Out Right," is sure to become a valuable resource for new hires in the demolition industry. The series consists of 17 short, informative videos covering critical topics like pre-demolition checklists, utility safety, personal protective equipment (PPE), torch safety, hazardous materials, and other topics. Members can utilize these videos for individual training or as a comprehensive program. This series was created in partnership with Buildwitt, further strengthening the NDA's member growth campaign.

### Membership Growth Update

NDA is experiencing significant growth, with current membership at 468 companies. The recent Annual Convention & Expo in San Antonio saw a remarkable increase with more than 1,460 attendees, exceeding 2023's numbers by 400. The Expo welcomed 108 exhibitors, and over 1,000 attendees participated in the Live DEMOition Event. Notably, Live DEMOition has grown significantly since 2019, boasting 27 participants and nearly 46 pieces of machinery in 2024, compared to 16 participants and 24 machinery pieces in 2019. Analysis revealed that more than 315 attendees representing approximately 150 companies, came from the NDAs prospect list. With more than 20 membership inquiries already received, NDA is actively pursuing these leads and collaborating with the Member Growth Committee on nearly two dozen more hot prospects. Their goal is to top 500 members by the end of 2024.

### Committee Updates

NDA's dedicated committees continue their valuable work. The Industry Committee reviewed OSHA's feedback on the Pre-Apprenticeship Guidance document. The Safety Committee is finalizing the Spanish translation of its extensive library of safety-oriented Toolbox Talks. And with just nine months to go before the 2025 Convention & Expo in New Orleans, our Convention Committee is laying the groundwork by organizing new subcommittees, arranging meeting schedules, and selecting a location for the Live DEMOition location. The Government Affairs Committee achieved a significant win by successfully advocating for the US Environmental Protection Agency to deny a petition calling for identifying PVC as hazardous waste. Additionally, NDA launched new webpages dedicated to government affairs and advocacy activities. These resources allow members to track legislation, engage with legislators, and access the latest federal guidance impacting the demolition industry.

### 48 New Certified Demolition Supervisors

NDA is proud to announce 48 new Certified Demolition Supervisors. This prestigious certification signifies the dedication and expertise of these members. The CDS program is gaining recognition, with some owner representatives including it in their requests for proposals. The next application window for the CDS exam will be announced soon. Earning this certification is an excellent opportunity for demolition professionals to stay ahead of the curve and elevate their companies' standing among prospective customers.

### Join NDA!

Underlying these and other initiatives is NDA's commitment to supporting its members and the demolition industry. We encourage all demolition professionals to join and benefit from our extensive resources and programs. Visit [www.demolitionassociation.com](http://www.demolitionassociation.com) for more information on the Starting Out Right video series, CDS certification, membership benefits, and everything else NDA offers.

**Jeff Lambert**

Executive Director

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

## Tractive Plans a Powerful Expansion



Tractive AB, developer and manufacturer of Pentruder concrete drilling products, has launched a collaboration with the Bygg-Partner construction company to expand its development and production facility in Borlänge, Sweden. Set to begin in May, the

US\$7.3-million construction project will add an industrial hall with contain expanded areas for development and manufacturing, as well as office and staff spaces. Completion is set for November 2025.

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

### Drive Products USA Named Joins Atlas Cranes Distribution Network

Drive Products USA of Elkhorn, Wisc., is the new U.S. distributor for Atlas Cranes. Founded in 1983, the family-owned business offers a complete range of truck mounted equipment, products, and services. As a full-line truck equipment upfitter, current and prospective customers can now access all their brands and products with support from Drive Products' full-scale facility in Elkhorn, which houses master distribution, truck upfitting and driveline services, and manufacturing for related DP manufactured brands.

"Our launch of Atlas Cranes for the US market will occur through our established Wisconsin and Texas operations that include both upfitting and distribution divisions," says Robert Edmonds, CEO of Drive Products. Drive Products will also inventory cranes in both locations to support a growing distribution network in the United States. We look forward to working with Atlas and catering to our U.S. customers' needs and servicing them soon."

Brahim Stitou, CEO of Atlas Group adds that the two companies share have the same priorities.

"The customer always comes first and we are committed to providing customers with top-quality products and service," Stitou

says. "Being at the forefront of technology and high cost- efficiency – are sound bases for success, as is listening to our customers. Combine this with our expertise, and the result is high-performance machines with the Atlas brand. I am sure that both of our companies will benefit from this partnership."

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

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

### ProStack Welcome Powerscreen of Florida to Global Network

ProStack welcomes Powerscreen of Florida to serve the states of Florida and Georgia. Powerscreen of Florida offer the full ProStack range of bulk material handling equipment—telescopic conveyors, tracked conveyors, port hoppers, and tracked feeders—as well as supply genuine Terex parts and offer machine servicing.

Over the past 40 years, Powerscreen of Florida has become a leader in the region's material-processing equipment market, having also supplied other brands such as Powerscreen, Terex Washing Systems, EvoQuip, and CBI.

"We believe that the ProStack range of equipment can provide real value to our existing customers and allows us to expand into new markets," says Richard Grant, president of Powerscreen of Florida. "ProStack's Telson Telescopic range can be tailored to quarrying, mining and port operations, while their Manta Hoppers provide opportunities in the port and terminal industry."

[www.terex.com/ProStack](http://www.terex.com/ProStack)

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



(From left) Ralf Ostendorf, Director Product Development Atlas Cranes; Brahim Stitou, CEO Atlas Group; Robert Edmonds, CEO Drive Products; Gerhard Frerichs, General Manager Atlas Cranes.





## MEET THE NEW AQUA CUTTER 750V

Aqua Cutter 750V is our new "Mean Machine" with breakthrough technology in performance and efficiency. The new patented Infinity system together with the next generation Evolution control system brings out the best possible results from the machine, making you and your new robot an unbeatable team.

# AQUAJET



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## "Proceq - A Screening Eagle Company" Announces Marketing, Sales Appointments

Erin O'Brien is the new Director of Marketing – Americas for Proceq/Screening Eagle Technologies, positioning the company to strengthen its industry presence and broaden its market footprint across

North, South, and Central America. In her new capacity, O'Brien will play a pivotal role in providing invaluable insights to the global marketing team, facilitating effective communication of the company's



Erin O'Brien is new Director of Marketing – Americas for Proceq/Screening Eagle Technologies,

vision, product lines, and cutting-edge technologies. She also will spearhead the development and execution of a dynamic event marketing strategy, further solidifying Proceq/Screening Eagle's position as a key player within the industry.

Prior to joining Proceq/Screening Eagle, O'Brien spent 15 years with the Concrete Sawing & Drilling Association (CSDA), most recently serving as executive director. She holds an M.S. degree from the University of Florida, and a B.S. degree from Ohio University.

Daniel Broekhove has joined Proceq/Screening Eagle Technologies' Geomatics sales team as regional manager for the U.S. West Coast region. Broekhove brings a wealth of experience and technical acumen to enhance Proceq/Screening Eagle's leading portfolio of subsurface and utility scanning products, including the GS8000, GS9000, and GM8000.

A graduate of Southeastern Oklahoma State University with a B.S. degree in Business Management, Broekhove previously worked with IDS GeoRadar/Leica Geosystems. His expertise has been recognized through his experience as an instructor and engagements as a presenter at Subsurface Utility Engineering Association conferences, further solidifying his



Daniel Broekhove has joined as Proceq/Screening Eagle Technologies' Geomatics sales team as regional manager for the U.S. West Coast region.

standing as a trusted authority in the field.

Outside of his professional endeavors, Broekhove resides in Lakewood, Colo., with his wife Laura and two sons, where they indulge in their shared passions for camping, fly fishing, woodworking, and other outdoor pursuits.

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

## Event Calendar

### CONCRETE SHOW 2024

August 6-8, 2024  
São Paulo Exhibition Center,  
Immigrantes, São Paulo, Brazil  
[www.concreteshow.com.br](http://www.concreteshow.com.br)

### DEMCON 2024

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

### BAUMA CHINA 2024

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

### bc India 2024/DEMTECH

India Expo Centre  
Plot No. 23/25, Knowledge Park  
II, Greater Noida, New Delhi  
India  
[www.bcindia.com](http://www.bcindia.com)

### World of Concrete 2025

January 21-23, 2025  
Las Vegas Convention Center,  
Las Vegas, Nevada  
[www.worldofconcrete.com](http://www.worldofconcrete.com)

### ARA RENTAL SHOW 2025

January 29 - Feb 1, 2025  
Las Vegas Convention Center,  
Las Vegas, Nevada  
[www.arashow.org](http://www.arashow.org)

### BAUMA 2025

April 7 -13, 2025  
Munich Exhibition Center,  
Munich, Germany  
[www.bauma.de](http://www.bauma.de)

### ISRI 2025/ReMa 2025

May 12-15, 2025  
San Diego Convention Center,  
San Diego, USA  
[www.rema2025.com](http://www.rema2025.com)

### CANADIAN CONCRETE EXPO 2025

Feb 12-13, 2025  
International Center Toronto,  
Canada  
[www.canadianconcreteexpo.com](http://www.canadianconcreteexpo.com)

### CONEXPO - CON/AGG

March 3-7, 2026  
Las Vegas Convention Center,  
Las Vegas, Nevada  
[www.conexpoconagg.com](http://www.conexpoconagg.com)



## Brokk Opens New Canada Distribution Center

Brokk's recently opened Hamilton, Ont., Canada distribution center marks an expansion of its 30-year-old network in the country. Canadian customers now have access to an in-country distribution center and no longer have to wait for equipment to go through customs from the U.S.

The new 4,000-ft<sup>2</sup> (371m<sup>2</sup>) facility will house the full line of demolition machines with attachments as well as Aquajet hydro-demolition robots and parts inventory for both brands. The new center will also offer Brokk and Aquajet demonstrations.

The new location will be run by Jim Bennett, who recently joined the Brokk team in Canada. As warehouse and logistics manager, Bennett will assist customers and regional sales managers by providing parts support throughout Canada.

Bennett has more than 30 years of warehouse and logistics experience within the auto and construction sectors. His last two positions have been as a warehouse

manager and warehouse supervisor before transitioning to his current role with Brokk.

"My whole career has been customer driven, and that's what's so exciting about this role," Bennett says. "My vision aligns with Brokk's. The new facility will help meet our goal of providing Canadian customers with machines and parts from both Brokk and Aquajet."

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



DEVELON Uptime Center opened in HD Hyundai Global R&D Center (GRC) in Korea.

## HD Hyundai Infracore Launches DEVELON Uptime Center

HD Hyundai Infracore has announced the global launch of the DEVELON Uptime Center (DUC) with an expanded scope of work to include customer-oriented remote services as well as monitoring. Located on 13th Floor of the HD Hyundai Global R&D Center (GRC) in Seoul, South Korea, the DUC enhances customer productivity by comprehensively utilizing digital-based service technologies and by quickly resolving remote support requests from customers and dealers/distributors.

The main services provided by DUC include error code analysis, a Virtual Reality (VR) simulator, Augmented Reality (AR) guidance, remote diagnosis via the Controller Area Network (CAN) telematics system, and other services. In February, the DEVELON Uptime Center Workshop was held to assess the level of competitiveness of DEVELON's digital services compared to competitors, and shared information on the technologies and roadmaps under development in various departments within

the company, including the Electrical and Electronic Development Department and the HD Hyundai XiteSolution Technology Institute.

"Using this workshop as a platform, we plan to internalize various digital technologies being developed in many fields so that they can be provided as customer-oriented services," says Jaeyoung Moon, HD Hyundai senior executive vice president and head of the construction equipment division. "Since the opening of the central DUC, branches have been opened not only in the Indonesian and Brazilian offices but also the regional offices in Europe, North America, Dubai, and Ghana."

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

## Volvo Construction Equipment Enhances Production Facilities

Volvo Construction Equipment has inaugurated new facilities at its plants in Changwon, South Korea, and Braås, Sweden, to support its strategy to offer more sustainable solutions to its customers and meet its ambitious sustainability commitment of fossil-free manufacturing operations, with 35% of machine sales to be electric by 2030.

A 27,000-ft<sup>2</sup> (2,500m<sup>2</sup>) battery pack production facility at Changwon allows full in-house production of batteries for Volvo's construction machines, as well as other group products. Now operational, the facility's first products will be used in the 23t Volvo EC230 Electric excavator, which begins mass production this summer. As Changwon is Volvo CE's largest excavator manufacturing site, producing around 55% of its total excavator volumes, the new facility will become a core competence center for all Volvo electric excavators.

The Braås plant is undergoing an expansion of production facilities to accelerate the phased shift to electromobility for articulated haulers. This will enable the factory to deliver a larger range of articulated haulers with different types of powertrain to reflect Volvo's shift toward offering solutions that run on more sustainable power sources.

The plant has always been at the forefront of sustainability, it was here that the first articulated hauler in the world was produced using fossil-free steel.

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



Inauguration of the new battery facility at Volvo CE Changwon, South Korea.



Jim Bennett joined Brokk as warehouse and logistics manager for the new location. Bennett's responsibilities center around setting up the new space, ordering stock, getting ready to help customers and providing support for the regional sales managers throughout Canada.



# Where Demolition Professionals Build Relationships

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- Industry Networking
- News and Regulatory Updates
- Safety Training
- Best Practices and Standards

**JOIN TODAY!**  
[demolitionassociation.com/membership](https://demolitionassociation.com/membership)



## Tyrolit Increases Investment in Floor Prep Sector



Having already invested heavily in products for the treatment of floor surfaces for more than a year, Tyrolit has upped its game with the hiring of former Scanmaskin CEO Paulo Bergstrand as sales and marketing manager in Europe and the Middle East.

Bergstrand has a long history of working with machines, tools, and chemicals for processing different types of floor surfaces. His 30-year stint with Scanmaskin included leading the company's establishment in the lucrative North American market, which became a new important market for Scanmaskin around 2015. Not long after Indutrade took ownership of Scanmaskin, Bergstrand left to start his own company, MM Norden, which

produces chemicals for surface treatment and other construction site activities. Bergstrand sees his new role as an interesting challenge in a subject area he knows very well. Along with hiring Bergstrand, Tyrolit purchased MM Norden, ensuring that it can a complete portfolio of products for surface treatment.

"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," Bergstrand says. "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."

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

## Brown Joins OTR's Global Sales & Marketing Team

OTR Engineered Solutions has named Ben Brown as its new Global VP Sales & Marketing-OEM. Brown will be responsible for growing the company's OEM business globally across various markets, including construction, lawn and garden, powersports, agriculture, forestry, mining, material handling, and specialty vehicles. To achieve this goal, Brown will leverage OTR's more than 30 worldwide facilities, which offer a range of value-added services such as warehousing, tire mounting, and sequencing. Additionally, he will build brand recognition through the execution of a detailed marketing plan. Brown's extensive experience includes senior leadership and executive positions in the automotive and commercial vehicle industry. His accomplishments include growing revenue, driving new business, and successfully managing teams for his past employers, among other responsibilities. "Our OEM partners are extremely important to OTR, and Ben is a great fit to help grow this area of our business," says Tom Rizzi, President and CEO. "We're proud of the unmatched value we offer OEMs through our services, and look forward to Ben enhancing these offerings to our customers, and helping drive OTR's purpose of making our customers' lives easier."

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



## Liebherr USA Names New Division Director

Shane Kuhlmeier is Liebherr USA Co's new divisional director for Crawler Cranes, Deep Foundation Machines, and Maritime Cranes. He transitions into this new role following a successful tenure as head of the company's mining division, where he made a significant impact by building and leading a nationwide

team of mining experts to achieve remarkable advancements in efficiency and safety.

"Having spent the last six years with Liebherr, I have had the joy of working with the best team in mining," said Kuhlmeier. "I look forward to learning about the intricacies of the crane and maritime industries, meeting our valued customers, and building strong, lasting relationships."

"Kai Friedrich, managing director of Liebherr USA, Co. is confident that Kuhlmeier's strategic vision and commitment to excellence will drive the division to new heights of success. "Shane's transition to this new sector is a testament to Liebherr's commitment to diversifying our expertise and strengthening our position in the North American market," Friedrich added.

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



## Proceq - Screening Eagle Technologies Names Exploration Instruments Exclusive U.S. Rental Partner

Proceq/Screening Eagle Technologies announces a new partnership with Exploration Instruments as the exclusive renter of Proceq and Pundit products in the U.S. The rental fleet will include:

**Proceq GP8100 Step Frequency Array GPR:** A highly productive portable concrete GPR array, enabling quick object detection and superior data collection. Features include large scan width, high scan rate, and superb penetration depth; fast detection of objects of any size with the superline scan view; and dense, accurate GPR data collection in one superline scan.

**Proceq GP8000 Stepped-Frequency Continuous-Wave (SFCW) GPR:** This portable concrete GPR radar provides faster, easier concrete inspections and structural imaging. Features include excellent radar penetration depth and resolution in a single GPR probe; powerful, user-friendly

user interface for fast and easy concrete assessment; and great handling and ergonomics in all applications.

**Proceq GP8800 Hand-Held Stepped-Frequency Continuous-Wave GPR:** A hand-held unit for concrete inspections and structural imaging. Features include excellent depth and clarity of data from the powerful probe; easy to learn and to operate with user-friendly, feature-rich, intelligent software; and high productivity through user-centric inspection ergonomics and digital workflow

**Pundit PD8050 8-Channel Ultra Sonic Array:** Consolidated power in a single device for structural imaging, object, and defect detection with ultrasound pulse echo. Features include real-time imaging, weight optimization, and AI assistance; large-scale 2D, 3D, heatmap, and AR visualization modes; and excellent image clarity with control of all transmission parameters.

**Pundit PI8000 Pile Integrity Impact Echo:** Provides pile quality testing, concrete plate thickness measurement, and defect detection. Features include multiple applications using a single probe and app; real-time data collection with wireless probe; and instant, secure collaboration with colleagues.

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

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

## Genesis Hires Peter Lindgren for South Central Regional Sales Manager Role

Peter Lindgren is the new South Central regional manager for Genesis Attachments' sales team. Lindgren will provide attachment, parts and service sales and support to Genesis dealers and customers in Colorado, Louisiana, New Mexico, and Texas.

Lindgren has more than 20 years of sales, manufacturing, and customer service experience in the construction and demolition industries. His successful track record of building customer relationships and providing strategic business solutions will enable him to hit the ground running as a Genesis representative.

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







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**“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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# Takeuchi Recognizes Top Dealers at 2024 Dealer Summit

Takeuchi recently announced its Dealer of the Year, Dealer Salesperson of the Year and the recipients of its 2023 Dealer 360° awards at the company's 2024 Dealer Summit in San Antonio. These awards recognize Takeuchi dealers across the U.S. and Canada for excellence in sales performance, facilities, training, accounts receivables, marketing/parts, and service.

"Our Dealer 360° awards program outlines a unified standard of operation that promotes consistency among Takeuchi dealers," Jeff Stewart, president of Takeuchi-US told attendees. "We obviously want our dealers to be successful, and it's our job to support them and provide the tools to make that possible."

Parman Tractor & Equipment of Nashville, Tenn., earned the Dealer of the Year Award for 2023. The dealership focuses on providing top-notch service and machine expertise, making them a trusted partner customers return to again and again for their equipment needs.

"We're incredibly pleased with the performance of our growing dealer network over this past year," Stewart said. "Their dedication and commitment to excellence have helped Takeuchi continue to increase its market share in North America."

Also at the Dealer Summit, Bill Smith of Cobb County Tractor in Marietta, Ga., received his unprecedented sixth consecutive honor as Takeuchi's top-performing dealer salesperson in North America.

"Bill continues to challenge himself to be our top dealer salesperson, year after year," said John Vranches, Eastern division sales manager for Takeuchi-US. "His customers say he has an uncanny way of knowing exactly what equipment they need to tackle their projects. He's always able to



Representing Takeuchi's Top 5 Dealers are (from left) Clay Eubanks, Takeuchi Global Director of Sales; Eddie Bennett, Bennett Equipment & Supply; Chad Dodson, Power Equipment; Colin Hockenberger, Parman Tractor & Equipment; Toshiya Takeuchi, Takeuchi President; Mike Paradis, Brandeis Machinery; Steve Luby, Luby Equipment; Jeff Stewart, Takeuchi-US President

identify the best possible solution, and that kind of experience isn't easy to find. We congratulate Bill on yet another successful year, and we challenge him to outdo himself yet again in 2024."

Parmian and the other top five Takeuchi dealers for 2023 will head to Japan for a special visit to Takeuchi's global headquarters, where they'll be recognized for their outstanding achieve-

ments in all program categories. The other dealers are:

Bennett Equipment & Supply  
(Georgia and South Carolina)

Brandeis Machinery (Indiana and Kentucky)

Luby Equipment (Illinois, Missouri, and West Virginia)

Power Equipment (Tennessee and Arkansas)

The following dealers also successfully met or exceeded the Dealer 360° criteria standards by December 31, 2023:

Alta Equipment Company (Florida)

Central Illinois AG (Illinois)

Chadwick BaRoss (Massachusetts, Rhode Island, and Connecticut)

Ditch Witch of South Louisiana (Louisiana)

Dittamore Implement (Illinois)

Feenaughty Machinery Company (Oregon)

Hawkins-Graves (Virginia)

Hayden Machinery (Missouri)

Landmark Equipment (Texas)

MasCo Equipment (Texas)

McClung-Logan Equipment Company (Virginia)

Power Motive Corporation (Colorado)

Road Builders Machinery & Supply (Nebraska and Missouri)

TEC Equipment Rental (South Carolina)

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



Salesperson of the Year Bill Smith, Cobb County Tractor, and Jeff Stewart, Takeuchi-US President.



Jeff Stewart, Takeuchi-US President (left) and Toshiya Takeuchi, Takeuchi President, flank Colin Hockenberger from Dealer of the Year Parman Tractor & Equipment.



# MotoCut, American Equipment and Fabricating Partner to Bring Pile Cutting Technology to U.S.

MotoCut, a leading provider of construction pile cutting solutions is joining forces with American Equipment and Fabricating Corp. (AE&F), a leading deep foundation equipment and service provider headquartered in East Providence, R.I., to introduce MotoCut's revolutionary pile cutting tech-



nology to the North American foundation construction markets.

Manufactured in Finland, MotoCut's products are used in a wide range of applications, including infrastructure projects, bridge construction, and renewable energy installations. Under this agreement AE&F is authorized to sell, rent, and support MotoCut pile cutting equipment throughout

North America.

"By combining forces with AE&F's proven expertise in the pile driving industry, we can significantly expand our reach to American customers," says Motocut CEO Marko Tamminen. "We eagerly anticipate a successful future working together, bringing the benefits of MotoCut technology to a wide range of AE&F clients soon."

AE&F CEO Charlie Booth adds that, "MotoCut technology is poised to revolutionize the way large-scale foundation projects are delivered in the U.S., speeding up delivery while ensuring worker safety. Together, we are about to change the face of the pile driving industry."

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

[www.american-equipment.com](http://www.american-equipment.com)

## Latest Innovations from Steelwrist

The recent Intermat show in Paris for Steelwrist's interactive exhibit demonstrating how its tiltrotators, SQ automatic couplers, and work tools enhance excavator efficiency. Several recently introduced products were on display, including the XTR20, the first model of the third-generation Steelwrist tiltrotators targeted towards 16t to 20t excavators.

Features include best-in-class tilt geometry, LockSense - a new patented safety solution for work tool locking, and

OptiLube - an onboard lubrication system. The XTR20 is available with both S60 and SQ60 couplers, and is designed to allow for an upgrade from S60 to SQ60, providing the customer with flexibility to adapt as needs evolve. The new XTR20 has steel casted components including the upper coupler, gearbox as well as the quick coupler below the tiltrotator. Despite a compact build that reduces overall height, the XTR20 maintains the 45-degree tilting angle thanks to off-center brackets that allow for shorter tilt cylinders, thereby optimizing the tilt geometry. This leads to minimized cylinder spread throughout the tilt stroke, providing a fluid and high-torque movement.

The innovative LockSense solution

eliminates the hassle of delicate cables in exposed positions with a battery life time of approximately five years. Operators receive both visual and sound confirmations, ensuring that every work tool change is secure and reliable.

In addition to the OptiLube system, the XTR20 features lubrication free, triple-sealed bearings in all main joints, ensuring full protection against dust and dirt. As with all other Steelwrist products, the new third-generation tiltrotators available with interfaces following the symmetrical standard (S standard), which is the fastest growing standard internationally. Thanks to the modular design it is possible to upgrade the tiltrotator from S-type to SQ-type. Steelwrist SQ technology allows the operator to change between hydraulic powered work

tools in only seconds - all without leaving the cab. The XTR20 can be equipped with a redesigned downward angled 3-finger gripper extending the reach of the excavator. With its improved geometry it gives a wide opening and near-complete closure, and it handles objects with unmatched precision. The robust design, including sturdy cylinder covers, ensures smooth operation in all types of jobs. The XTR20 also comes equipped with high-resolution tilt and rotation sensors as standard. This integration offers the customer precise control, feeding exact positioning data to the Machine Control System. Steelwrist already has a number of integrations available to all the most prominent Machine Control System suppliers.

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



# BROKK B

**Strong after-sales and support operations, a growing base of loyal customers, and new market opportunities illustrate how in North America, there really is nothing like a Brokk.**

They still get their share of trade show gawkers, those bright yellow mantis-like machines fitted with breakers or other attachments. But more than 40 years after their debut in the U.S., Brokk demolition robots—and, indeed, the concept of performing demolition and other tasks by remote control—have become firmly established in the North American construction market.

To be sure, demolition robots remain very much a niche pro-

Brokk, Inc.'s Monroe, Wash., headquarters team.



duct that not every contractor may ever need for a project, let alone on a regular basis. But Mike Martin, vice president for operations and rental for Brokk Inc., the Swedish manufacturer's Monroe, Wash.-based North American subsidiary, says that for those who see the value of investing in a highly versatile machine that can outperform larger-sized excavators in terms of power and mobility, with the added benefit of keeping operators out of harm's way, the search for options typically begins—and often ends—with a Brokk.

"Our customer base is super-entrepreneurial, a unique breed of risk-takers," Martin says. "A Brokk can redefine who you are as a contractor. It's a game-changer."

Brokk Inc., president Lars Lindgren adds that





# BUILDERS UP



mainstream demolition contractors make up a sizeable portion of that select group

"We're the leader in the that segment for sure, as well as with those who do sawing and drilling," Lindgren says. He adds that Brooks can also be found in cement, process, tunneling, and mining work, as well as the nuclear power industry. Last year, for example, Brokk Inc. shipped five units to the team decommissioning generating units at the Three Mile Island plant in Pennsylvania. The specially configured units were equipped with radiation-proof cameras—produced by another Brokk subsidiary—and other equipment for working in such a high-hazard environment.

Strong sales to customers across all markets made 2023, "our best year ever in number of machi-

nes sold and revenue," Lindgren adds.

Martin says that in the last few years, Brokk robots have become firmly established as "the ultimate machine" for foundries and other confined space demolition applications. Then there are the more specialized assignments, such as taking down chimneys using a crane-suspended Brokk robot.

"We love that kind of work," Martin adds.

## "What are these things?"

Creating and leading such a specialized niche has not been without its challenges. For many years after the first Brokk Model 250s began appearing at U.S. jobsites in the early 1980s, "the typical trade show reaction was 'what are these things; is this a joke,'" recalls Martin, who first secured North American

distribution rights for Brokk machines in 1991 while working for refractory installation equipment maker Bricking Solutions, now another Brokk subsidiary.

Confident in both their product and the promise of the North American market, Brokk's corporate leadership nevertheless strengthened its commitment to the region, eventually forming the U.S. subsidiary to manage sales and service, and appointing longtime employee Lindgren as president in the early 2000s.

Time, perseverance, and repeated demonstrations of the machines' inherent capabilities have slowly but surely turned those dismissive responses of "not interested" into "tell me more."

"We've finally got to the point where, after all of these years of promoting this vision, we have this po-





# SMOOTH OPERATOR

There's only one place you'll find the heavy hitters of concrete and masonry this January: **Vegas, baby** — at **World of Concrete 2025**, the largest and only annual international event dedicated to your business. Be here to mix with industry giants. Get your hands on the latest technologies revolutionizing safety, performance and speed. And learn what it takes to not only claim a piece of our industry's massive projected growth but dominate the field.

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pulation of people who understand and accept the machines as a viable solution to their needs," Martin explains. "The market has definitely caught up."

Brokk has also benefited from a timely convergence of macro-level trends—the industry-wide challenge of a shrinking labor pool, a younger generation of contractors more accepting of robotics technology, and the convenience of social media videos that showcase the robots in action. The company's electric-driven models are also well-suited for the growing scope of interior demolition projects, and the proliferation of local noise and air quality restrictions governing jobsites.

Even the advent of competing demolition robots from Husqvarna and other manufacturers has benefited Brokk, notes Lindgren.

"They're helping us sell the method of remote controlled demolition," he says. "The more machines prospective customers see, the more they'll be seen as a viable approach. We respect what our competitors do, and we know that they'll win their share of orders and we'll win ours."

### A commitment to customer care

Selling a Brokk is one thing; keeping that customer satisfied for the long term is quite another. And Brokk's approach to after-sale service is what Martin says truly sets the company apart.

"We tell our customers that while they bought the machine, we still 'own' it because our name is on the side," he says. "So for us, it's really important to keep them running."

Martin credits Lindgren's background as a mechanic with a knack for troubleshooting for helping imbue Brokk Inc. with a responsive, problem-solving culture that customers appreciate. Lindgren responds that it's simply a matter of helping customers reduce the time between problem and solution.

"We know downtime isn't good, and customers want answers fast," he says.

In addition to housing facilities for robot servicing and parts distribution, Brokk Inc.'s 18,000-sq ft Monroe, Wash., facility doubles as a "center of demolition robot expertise," where technicians are available to assist with questions and troubleshoot machine issues. Brokk Inc.'s service and logistics centers in Stanhope, N.J., and St. Joseph, Mo., also provide equipment support, training, and demonstrations.

Brokk Inc typically has its technical experts work through problems directly with machine operators, an approach Martin says is far more efficient and productive than the more conventional time- and cost-consuming routine of going up and down a chain of contacts.

"When they call the 800 number, they're talking to someone who knows it inside and out and will help them through it," he says. "It's a victory for them and for us."

Brokk Inc also has the advantage—and sometimes burden—of being largely independent in terms of decision-making for North America operations. "The higher corporate levels in Sweden trust our



Brokk Inc., president Lars Lindgren (left) and vice president for operations and rental Mike Martin.

understanding of the markets and operator culture," Lindgren says. A direct-sales approach also helps the company stay close to the needs and concerns of Brokk users, with the sales staff empowered to make decisions they feel are in the customer's best interests.

"If they feel there's a good reason to give a discount, or a customer want try out a machine before buying, they can do that and we'll back them up," Martin says. "We understand customers are making a heavy investment, and we won't sell something they're not satisfied with."

### A hydrodemolition power boost

Brokk Inc. has had some game-changing experiences of its own over the years, particularly its parent company's 2016 acquisition of hydrodemolition equipment maker Aquajet. While sales and support services operate out of Canada where Aquajet North American business development manager Keith Armishaw is



based, Brokk Inc.'s Monroe facility handles spare parts inventory and shipments.

Though the applications, logistics, markets, and customers for hydrodemolition make Aquajet systems a "nicher" product than demolition robots, Lindgren says the two product lines' similarities and synergies were evident from the outset. Recalling initial meetings following the acquisition, Aquajet "reminded me of our early Brokk 'let's go' attitude," he says.

Since then, he adds, Aquajet has enjoyed an accelerated climb along the acceptance and understanding curve, albeit one where a customer may weigh the pros and cons of the hydrodemolition market become committing an investment in both the equipment and the logistics of managing it.

On the other hand, Lindgren says, "Aquajet's market is a more stable than that for demolition robots, as hydrodemolition is most often used for government-funded projects, and that work is always there."

As with Brokk robots, Aquajet has its share of



lower-cost competitors. The difference, again, is the value the customer receives for that premium, both up front and over the long-term.

"We leapfrog any competition as far as operator efficiency and innovation," Lindgren says. "In the end, we sell profitability for the owner."

And many of those coveted attributes, Martin adds, arise from Brokk being part of the Swedish business group Lifco, which also counts Darda, Kinshofer, Demerec, and Trevi Benne among its other business units.

"People don't realize we have these other businesses and, more importantly, direct access to their ideas and insights," Martin says.

Yet it also challenges the Brokk Inc. team to stay on top of these innovations such as Smart Power+, a multi-faceted, multi-model product enhancement spanning durability, power management, uptime, control box communication, and operator ergonomics.

"That's comes with being part of an engineering-based company," Martin says. "You know something new is going to happen, so we have to be ready to learn it ourselves. We are constantly on our own learning curve."



## Planning ahead

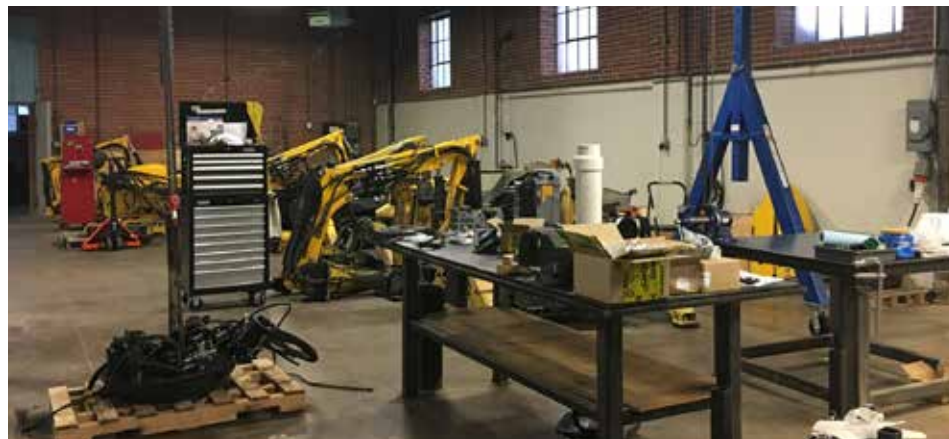
After having what Lindgren calls "a fantastic year" in 2023, Brokk, Inc., finds itself with other equipment manufacturers in something of a waiting game, as

the upcoming U.S. presidential election, the status of interest rates, and other factors have curtailed spending on new equipment.

"Our Aquajet business is better than ever thanks to all the infrastructure spending," Lindgren says, "but on the construction side, there's a little bit of hesitation."

Because there are still plenty of demolition projects out there, Brokk, Inc., has fielded more questions about rentals. "Obviously we'd prefer to make a sale, but our main objective is get a Brokk on the job," Martin says. "The user will get some experience with it and, perhaps down the road, decide to buy one." After all, Martin adds, the company's mantra, "the best salesman for Brokk is a Brokk," is as true today as it ever was. "Every step in Brokk's history, the product has been developed with the end-user in mind," he says. "Our favorite people are the guys pulling the levers. They're the heroes of the story."

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





# New Senya 5 Crusher Boasts "Made in USA" Features

Senya Crushers is proud to be the world leader in pioneering the MICRO Crushing category of highly portable machinery for on-site processing of concrete, asphalt, demolition waste, glass, and granite scrap. Now, the Senya 5 takes those cutting-edge capabilities to a new level with a machine manufactured in the US.

Built on the same highly portable trailer as the Senya 3, the Senya 5 features a 12x21-in (304x533 mm) jaw opening that greatly reduces material prep time while cranking out up to 50 tons per hour. Another major improvement is the double-triple air filtration system—absolutely crucial in crushing in such a compact environment where the dust production is so close to the power plant. And, the Senya 5's vibration mitigation is unprecedented, which leads to unsurpassed durability, reliability, and longevity.

The Senya 5 is powered by the 53.6-hp (40kW) Yanmar diesel engine generator and runs on four electric motors—fly-wheel/jaw drive, discharge conveyor motor, and two vibratory feeders. In addition, the generator can also run the MICRO Screen plant to sort three sizes of material, and up to three MICRO Stacker conveyors. There's even enough power left over for an optional step-down transformer upgrade providing 20 amps of 220V or 30 amps of 110V on-site electrical service.

The engine side of the Yanmar generator utilizes a dual stage cannister filter preceded by Enginair's industry-leading centrifugal air pre-filters that reduce 80% of all dust and particles before the air even enters the cartridge filter. Similar protections safeguard the generator's alternator side. All utilize

airflow sensors that shut down the generator when the filters need to be changed. Additional upgrades include oversized vibratory motors on the feeder and heavy-duty reinforced mounts, and a single-piece five-channel drive belt on the massive flywheels to provide the ultimate in gripping power and eliminate the possibility of belt "rollover".

Additional "Made in USA" features include 1-in (25.4mm) steel wear plates on the hopper and feeder tray, another key toward maximum production rates as well as reliability. The standard 3-in (76.2mm) Lunette ring hookup allows for easy hookup and smooth ride. Heavy-duty eight-lug rims and 16-ply tires provide safety and durability. Put simply, there is nothing in the world close to the crushing power, portability, production and reduction rates, durability, convenience, efficiency, longevity, and profitability of Senya crushing machines.



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## KEMROC Combos Deliver High-Accuracy Performance for High-End Development

Königsteiner Höfe is the exclusive address of an innovative residential and commercial quarter which is being built in Königstein, Germany. The 97,000 ft<sup>2</sup> (9,000 m<sup>2</sup>) project includes eight luxury apartment buildings, as well as offices, a bistro, and organic market. The general contractor Köster and the subcontractor Höfling Erdbau have started the first phase of this ambitious project which has to be completed by June 2024. This phase involves excavating the site and installing all the required ground support.

After the groundbreaking ceremony at the end of December 2022, subcontractor Höfling Erdbau excavated 700,000 ft<sup>2</sup> (65,000 m<sup>3</sup>) construction site 50 ft (15m) deep on the slope side, and to 23 ft (7m) on the valley side, with shoring erected as a contiguous bored pile wall.

By mid-February 2023, nearly 190 bored piles surrounding the excavation pit were completed. The piles then had to be anchored and lined by filling the space between each pile with steel mesh and shotcrete. To keep costs down, the shoring wall had to be profiled back beforehand with a surface to be as flat as possible. Achieving the surface finish required would have been impossible in the difficult quartzite ground conditions using an excavator with breaker or ripper.

To complete this task, Höfling Erdbau combined a 25t excavator with a 161-hp (120kW) KEMROC KR 120 rotary

**Using a 25-t short-tail excavator and a KEMROC KR 120 rotary drum cutter, the contractor profiles the shoring wall before lining with steel mesh and shotcrete on the Königsteiner Höfe construction site.**

# Mall Demolition Showcases Dust Suppression Technology

BossTek, the manufacturer of the popular DustBoss® family of dust control cannons, understands that when several different types of materials are demolished and separated into recycling or waste piles, they release different kinds of dust that can be a challenge. Recently, the cannons played a key

role in aiding the Adamo Group of Detroit, Mich., demolish Eastland Shopping Center in nearby Harper Woods. Though the complex encompassed a wide variety of materials, not to mention 60 years' worth of dust, the job was completed with no dust emissions, complaints, or costly violations.

Opened in 1957, the Eastland Shopping Center was considered one of J.L. Hudson Company's most ambitious department store expansion projects, but occupancy began to wane and the property was sold.

The entire demolition project from start to finish took eight months. Using several pieces of equipment in the fleet, including a mid-sized high-reach crane, front loader, magnetizing machine, etc., the Adamo Group dismantled the structure. An integral part of this was the DustBoss® DB-60 misting cannon. Directed toward the activity area, the fine engineered mist raised the humidity of the area, preventing dust from becoming airborne and traveling into the surrounding community, as well as protecting workers on site from hazardous dust.

To capture small airborne particles, the droplets need to match the general size of the particles so that they can collide. The combined mass causes them to drop to the ground. Droplets greater than 200µm, like those created by hoses or



Eastland Shopping Mall prior to opening in 1957.





drum cutter. This made it possible to mill the ground containing quartzite from between the bored piles with a smooth surface finish and line it with shotcrete in what would have previously been classed as soil class 6 to 7 material.

## Drainage trenches all around

Subsequently, Höfling Erdbau had to excavate a drainage trench up to 23.6 (60cm) deep and 19.7 in (50cm) wide along the entire length of the shored wall. Here, the solution was the combination of a 9t short-tail excavator and a 59-hp (44kW) KEMROC EK 40 chain cutter.

The unique design of the KEMROC EK range of chain loosens the material along the entire width of the cutter head without leaving a central spur as would be the case when using conventional drum cutter without any sideways movement.



**Image to the right: Along the foot of the bored pile wall, a drainage trench is excavated – saving time and money with a 9-t excavator and KEMROC EK 40 chain cutter.**

In this way, they excavate trenches with a precisely defined width. This operating characteristic saves time and up to 40% energy, is gentle on excavators and produces fine-grained milled material that can often be used immediately as backfill.

For the Königsteiner Höfe project, the milled material was transported away for recycling, as the sloping drainage trench was to be lined with a fleece material and filled with special drainage gravel. Collected rainwater will flow down to pump shafts.

Given all the site challenges and project requirements, Höfling Erdbau site manager Daniel Korn says that “the choice of equipment was almost perfect for this task.”



**Layer by layer, the areas of quartzite rock between the bored piles are exposed. After lining with steel mesh, shotcrete is applied. The amount of shotcrete used is kept to a minimum.**

sprinklers, are large enough to cause a slipstream current to move around them, which actually repels smaller particles and leaving them to remain airborne.

Automated mist cannons like the DustBoss DB-60 produce droplets approximately 50-200µm from a misting ring in the front which are propelled long distances by a powerful fan that pushes air through the rugged barrel. The droplets offer both airborne and surface suppression using only a fraction of the water required by hoses or sprinklers. They have proven to be more effective, cheaper to run over the long term and require no workers to operate.

## Mist cannon technology

The two DustBoss DB-60 cannons are BossTek's mid-sized fan-driven designs. Each cannon is 81 in (2 m) wide, 117 in. (3 m) long, and 86 in. (2.2 m) tall, and weighs 1,800 lb (816.5 kg). Mounted on roadworthy wheeled carriages, the cannons can easily be moved to where they are needed by a pickup or vehicle equipped with a hitch.

The units have an adjustable elevation angle from 0-50°, with a throw distance of 200 feet (60 m) of fine mist propelled in a wide cone by a 25-hp (18.6kW) fan running at 30,000 ft³/min (849.50 m³/min). When running with the optional 359° oscillation, each machine can cover more than 125,000-ft² (11,600 m²)—2.5 times the area of a U.S. football field.

The cannons are equipped with a 1-1/2 in (38.1 mm) cam-and-groove quick disconnect female hose coupling. Connected to municipal hydrants with variable pressure, the DB-60s require only 10 psi (.69 bar) of constant pressure. Water passes through an in-line 30 mesh 595 micron filtration system that captures any impurities in the water that might foul the lines. The water then enters a booster pump where the pressure is increased to the adequate level needed for the 30 specially designed nucleating nozzles attached to a brass mandrel to fracture the water into millions of minuscule droplets. The use of a booster pump allows the DustBoss to use a fraction of the water of hoses, only up to 26.7 gal/min (101 liters/min).

The general rule for demolition dust is to avoid any situation that yields complaints from the public, as complaints regarding air quality submitted to the city or local EPA can



**The newest addition to The Adamo Group fleet ready to be positioned to control dust.**

**The vertical angle can be adjusted to cover activities on the ground or at the rooftop.**

trigger an inspection. Like most of Adamo Group's projects, no complaints were lodged for the Eastland Shopping Mall demolition. The addition of more robust dust suppression means that the company can have two units on large projects or split them between smaller projects as needed. This ensures that projects can keep operating in adverse conditions where dust may have been a problem in the past.

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





# Deep in the



## The National Demolition Association's Demolition San Antonio truly has something for everyone.

For 13 days during the Texas Revolution in early 1836, approximately 200 volunteer soldiers defended the Alamo mission in what is now San Antonio against repeated onslaughts by Mexico's army before finally falling to the superior force. Though much has changed in the intervening decades, the defenders' willing defiance and fortitude lives on through the slogan, "Remember the Alamo."

Just steps away from the venerated site this past March, the Henry B. Gonzalez Convention Center was the setting for many far more pleasant memories as the headquarters for Demolition San Antonio, the National Demolition Association's 50th annual convention and expo.

The show set multiple records for participation, attracting more than 1,400 attendees from across the U.S. for a week of education, networking, and the always popular off-site Live DEMOLition Event, which featured 27 participating manufacturers demonstrating nearly 50 pieces of equipment for all types of demolition tasks. Back at the Convention Center, Demolition San Antonio set its own milestone with 108 exhibitors, including PDA magazine.

(NDA CEO Jeff Lambert shares his thoughts about the show in his regular column elsewhere in this issue.)

Such a strong turnout of both attendees and



exhibitors reflected a still-strong demolition industry, particularly coming just two months after World of Concrete in Las Vegas boasted its own strong showing. In fact, several manufacturers took advantage of the NDA show to debut and demonstrate new products for contractors of all sizes.

LiveDEMO provided a natural setting for the larger product introductions led in size at least by Komatsu's PC490HRD-11 high-reach demolition excavator. Making its North American debut, the 362hp (270kW) model has as an operating weight of 55.2t to 73.4t and can be configured into six working arrangements. Komatsu also provided a preview of a 257-hp (192kW) demolition version of its PC360LC-11 excavator, which is scheduled for availability in North American market in the next few



# of DEMOLITION



Mikel Bowman, keynote speaker at the NDA annual breakfast meeting.

months. Komatsu says the machine

Other big-time introductions were Volvo's 50t EC500 crawler-excavator with a 25.5-ft (7.7 m) straight boom and heavier counterweight for added stability. The EC500 was one of eight machines Volvo brought to San Antonio, joining the compact EC18 Electric 2t electric and 10t ECR88 diesel excavators.

Liebherr presented its 40t 299-hp (220kW) R 938 Litronic crawler-excavator with a "Generation 8" update that includes higher engine power, minimized fuel consumption, and a new boom concept. Caterpillar demonstrated its 30t 330 crawler-excavator with a 19.1-ft (5.8m) maximum digging depth and straight boom vertical reach of 40.9 ft (12.48m).

LiveDEMO also offered a "hands-on" spotlight opportunity for products from Montabert, Genesis,





Steelwrist, Brokk, HKD, Eiproc, Oil Quick, and Me-calac, to name a few.

Other exhibition highlights included ShearCore's array of Fortress FS25, FS45, and FS25 mobile shears, and FC35 concrete process with OilQuick automatic quick coupler bracket. Dust suppression specialist BossTek displayed the next iteration of its DustBoss Surge series—the DB-45 Surge.® The model features an innovative pressurized center nozzle paired with a fan and misting ring system to suppress both surface dust and airborne particulates. And, Terex's Evoquip division presented the versatile Cobra 290R track-mounted impact crusher, with an integrated afterscreen system to ensure consistent crushing to exact specifications.

In addition to learning about equipment, Demolition San Antonio's exhibit floor was also the setting for a variety of educational sessions spanning safety, technology, and workforce development. The popular cornhole tournament returned this year while a new wrinkle was added to Live DEMO—a competition for



two-operator contractor teams to show off their safety knowledge and equipment handling skills. Venditti Demolition of Austin, Texas, took the grand prize—an all-inclusive paid trip at the Kingsmill Resort & Spa in Williamsburg, Va. Challenge sponsor Liebherr provided two excavator models for the competition, with Epiroc, ShearCore, and OilQuick supplying other equipment.

And of course, there were several opportunities for industry colleagues to relax and swap both experiences and business cards, ranging from a suitably local Tex-Mex fiesta to a black-tie awards banquet

honoring individuals and companies who have made significant industry contributions over the past year.

In addition to a wealth of memories and industry information, Demolition San Antonio attendees likely left for some newfound inspiration for their work courtesy of Mikel Bowman, the keynote speaker at the NDA annual breakfast meeting. A Bloomington, Ind.-based consultant in leadership development and organizational culture, Bowman shared insights from his career in mining and safety management on how contractors can "lead from the middle"—finding the optimal the balance of empathy and decision-making to build and sustain productive, mutually supportive organizations.

Bowman also related a deeply personal story of how he had mere seconds to react to a worker experiencing a mental health crisis. Choosing the right words to say was critical, Bowman said, as anything else likely would have resulted in the worker taking his own life. We won't spoil the outcome, but suffice it to say, more than a few of those who rose to give Bowman a standing ovation at the end of his talk had

tears in their eyes. Can anything top the memories of Demolition San Antonio? We'll find out in March 2025 when NDA's convention and expo reconvenes in New Orleans.





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# Avant Tecno's New Batteries

**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 and have also released two new models.**

In mid-March, PDa's editor-in-chief had the opportunity to join European trade journalists for a visit to Avant Tecno's headquarters and manufacturing facility in Finland. The day began with a welcome from Avant Tecno CEO Jani Käkälä, who talked about the company founded in 1991 by his father, Risto, and how the business has expanded to three large factory complexes with a total production area of 656,600 ft<sup>2</sup> (61,000m<sup>2</sup>). Käkälä also discussed Avant Tecno's investment in all-electric machines. As a forerunner in electric drive technology, the company continually performs intensive development work to for the machines themselves, as well as full in-house control of the development and manufacture of the batteries. The production centre has the potential to quickly double production, with that being something that Käkälä believes will happen in the near future.

Jani also described three scenarios for how battery-powered machines will become integrated in



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

construction industry fleets, ranging from a conservative 30% to as much as 80%. 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's team has developed a completely new and unique battery technology called 'Avant OptiTemp', which manufactured in-house by Avant Power Oy.

## **A new generation of battery powered loaders**

Avant Tecno also introduced two battery powered developments. According to Jukka Kytömäki, the company's head of sales and marketing, and previously CEO of USA operations, Avant Tecno is now launching the next generation of all electric loader



models—the Avant e513 and Avant e527. These products will renew the Avant 'e-series' and replace their predecessor models, the Avant e5 and e6.

Production of the models started in January 2024 of the nearly identical loaders, with the only difference being the capacity of the batteries, which feature Avant OptiTemp battery packs. Developed exclusively by Avant Tecno's expert team, the unique battery technology has an energy density 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, while multi-level protection makes Avant OptiTemp batteries very safe.

The Avant e513 (13kWh) is a good choice for short term continuous use in agricultural, do-it-your-



**The new 100% battery powered e527 and e513.**



# Electric Technology, Loaders



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.

self DIY, and leisure activities, while the Avant e527 (27kWh) with a larger battery is better suited for demanding professional use by construction and demolition contractors. Both models are ideal for working in tight spaces on construction sites that have strict limits on noise and emissions. The machines feature separate electric motors for driving hydraulics, and for additional hydraulics, boom and steering. Thanks to the electric motor, maximum torque is immediately applied, which ensures excellent traction. An improved cooling system in the engine package keeps the machine's heat under control even on soft terrain.

Kytömäki noted that the Avant e527 was particularly developed for demolition, and is well-suited for interior and renovation demolition. Fully charged in the morning, the Avant e527 can be used for an

entire working day, regardless of temperature. The maximum operating time of the machine is about six hours for medium work, while for the Avant e513 it is about three hours. With a 50% increase in maximum charging current, 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. Avant Tecno also has more than 190 different tools and several of these are intended for demolition work.

"For several years, the market has longed for all electric loaders that would be more like diesel loaders in terms of functionality," Käkälä noted. "Until now, uptime and pricing have been key issues related to electric loaders, but with Avant's new e-series, we solve both."

Representatives from two Finnish demolition



Part of the facility where Avant's batteries are manufactured.



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



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



Avant has an advanced powder coating facility.

contractors, Sakari Haapaniemi of Tampereen Porausteam Oy and Ari Kara of Pohjanmaan Erikoispurku Oy, were on hand to share their experiences with Avant's battery-powered machines, especially and how they improve operational efficiency while making themselves more environmentally friendly. With the environmental problems the world is facing, investing in battery powered machinery like Avant should be a matter of course.

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

# Pentruder's New Core Drilling System

**Tractive AB debuted its new Pentrunder MDU3 core drilling system at the recent World of Concrete show.**

A three-phase drill motor that does not require a powerpack, the MDU3 is available in three models that boast high power rates and a wide range of spindle speeds, making it suitable for all sorts of drilling tasks.

The 44.25-lbf (60Nm) MDU3-30 model accommodates drill bits of up to 11.8 in (300mm) in diameter, and has a range of 200 to 1,800 rpm. The 88.5-lbf (120Nm) MDU3-60 uses core drills of up to 23.6 in (600mm) has a range of 100 to 900 rpm. The powerful MDU3-100 operates with core bits of up to 39.4 in (1,000mm) in diameter at 50-450 rpm.

Pentruder's sturdy drilling system is built around the brand's TS-track, which is normally used together with the manufacturer's wall saws, forming the basis for a number of drill rig options. The CEL-TS configuration—designed for line, stitch and corner drilling—consists of Pentruder's track feet with the two TS-tracks mounted on it. With CEL-TS, the operator can move the track with the drill motor along the drill line for precise positioning of the core bit.

Designed for angle drilling, the PDT1 configuration allows the operator to drill at any angle, and maintain it as the pivoted head is moved along the track when stitch drilling. Depending on the job requirements, the rig can be fixed either on a baseplate or the two track feet. If used with the latter, the system can be installed in either a horizontal or vertical position.

The CER-M3-U configuration is intended for using the Pentruder drill rig with other brands of drill motors. The CER-M3-U universal drill carriage can also be combined with the CEL-TS stitch drilling rig or the PDT-1 pivoting head.

[www.pentruder.com](http://www.pentruder.com)  
[www.tractive.com](http://www.tractive.com)





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## AGP Introduces High-Frequency Coring Motor, Drill Stand

AGP's DM20 is an all-new rig mounted coring motor for 4- to 19.6-in (100- 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, no separate power box or three-phase power are needed. All features are integrated into a single motor head that runs on single phase 220-240V

On 16A input, the DM20 puts out 4.4 hp (3.3kW), which AGP says is 90% efficiency. Noting that a typical 16A universal motor puts out only about 2.8 hp (2.1kW) or less on the same input, AGP says DM20 is more than half again as powerful as other units available. AGP is also very proud of its permanent magnet synchronous motor (PMSM) technology, the first such application for a coring motor.

In addition to performance, AGP says that there are many useful features built into the design. The display can be easily switched between inches and millimeters, while a clearly visible LED load indicator enables the operator to optimize feed pressure. Running on single-phase current makes the whole system much easier and more convenient to set up and run

In addition, AGP has introduced the QS600 drill stand, which features a quick-release camlock cradle system. This makes it much easier and safer for the operator to mount and dismount the motor, especially when dealing with walls and similar situations. Another distinguishing characteristic of the stand is its ability to mount up to a 19.6-in (500mm) core bit without the need for any additional spacer. It can also mount a 23.6-in (600mm) bit with the addition of an accessory spacer.



## Evoquip Showcases Cobra 290R at San Antonio



EvoQuip®, a global provider of compact crushing and screening equipment, announces its participation in Demolition San Antonio, one of the premier events for the demolition industry.

EvoQuip exhibited alongside local distributor, Powerscreen Texas. Attendees experienced first-hand the advanced capabilities of EvoQuip machinery, including compact crushers, screeners, and conveyors designed to optimize efficiency and productivity in demolition applications. One of the key highlights were the display of the Cobra 290R impact crusher, renowned for its versatility and performance in various demolition tasks.

The Cobra 290R is a versatile and easy to use track mounted impact crusher that can operate in the most demanding of applications such as reinforced concrete, recycled asphalt, construction and demolition waste and natural rock. The integrated afterscreen system ensures the required product specification is achieved with over-size material either being recirculated back to the crusher, or else stockpiled.

[www.terex.com/evoquip](http://www.terex.com/evoquip)



## New Products from Genesis Attachments

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. Additionally, 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 24-in (609mm) jaw opening with a 26-in (660mm) jaw depth, and fits up to 24t carriers second-member mounted, and 45t carriers third-member mounted.

### M7 concrete cracker for demolition robot applications

Genesis has also released its new M7 concrete cracker, designed to fit remote controlled demolition robots and mini



excavators for interior demolition as well as concrete processing and recycling. Fitting carriers up to 12.5t, the M7 weighs 1,400 lb (635kg) and features a 27-in (686mm) jaw opening with a 19-in (482mm) jaw depth. The solid Strenx/E 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 is 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 Live DEMO in San Antonio.





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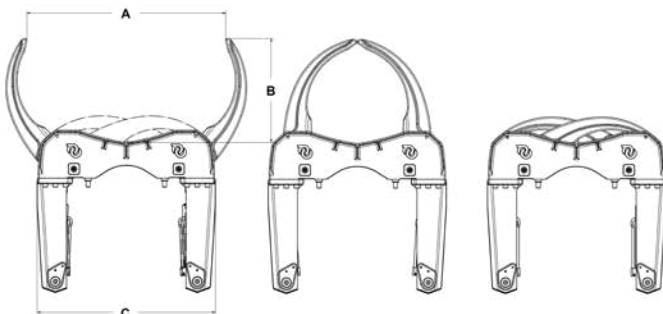


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# OilQuick Releases New Grapple Module

OilQuick has developed a completely new grapple module for its tiltrotators. The module will be available in four different sizes, beginning with the GM950, which fits OilQuick's OQ70 and OQ65 quick couplers and can be applied to several of OilQuick's tiltrotators. The biggest news is OQ Sync. An OilQuick-exclusive solution for faster and more precise control of the grapple jaws. With OQ Sync, the grapple jaws move smoothly and synchronized in all positions and speeds.

A traditional system depends on the load and speed of the grapple jaws. If one jaw encounters resistance, the other jaw wants to move at a higher speed,



causing them to become out of phase in the gripping motion.

With OQ Sync, automatic equalization of the jaws occurs every time the grapple jaws are fully closed. This completely eliminates the risk of the jaws becoming out of sync, for example, in case of uneven loading or when slow closing the jaws. OQ Sync ensures that the grapple jaws always meet tip-to-tip and that all lifts occur centered in the grapple. The

three-finger grapple jaws are made of high-strength cast steel. The edges are rounded so as not to damage sensitive objects such as cables. The hydraulic cylinders are protected in fixed brackets. No loose parts that risk breaking or coming loose. When the grapple is fully closed, the claw tips are placed inside the edge of the module's frame. Nothing protrudes and risks getting stuck in the surroundings.

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

## Special Feature On New Hydraulic Breakers

# BREAK IT

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. Stressing 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 to the planet and every contractor's balance sheet.

### Mazio XL hydraulic rock breakers for quarry, demolition applications

The heavy-duty XL Series of Hydraulic Rock Breakers from Port St. Lucie, Fla.-based Mazio Attachments LLC provides reliable performance in the most demanding application—quarries and mining, tunneling and trenches, demolition, and many oth-

ers. Designed for carriers from 1t to 140t, Mazio XL breakers will withstand the brutal conditions faced in these applications, providing reliable performance day in and day out. Mazio offers six XL breaker models for 30t to 140t mining-duty excavators, with tools ranging 9.8 ft (2,980mm) to 16.4 ft (5,000mm) in length. For 11t to 36t excavators, five breaker models range in length from 6.7 ft (2,050mm) to 8.7 ft (2,650mm). Six breaker models available for compact carriers, ranging from 3.2 ft (990mm) to 5.9 ft (1,800mm) in length.

Tool choices for Mazio XL hydraulic breakers include a cone-shaped tool for universal use in concrete and rock; a chisel tool for rock breaking, concrete demolition, and asphalt breaking; a cylinder tool for drilling and concrete demolition; amoil point for universal use in concrete and asphalt; and a blunt tool for demolition. Mazio hammers feature a closed case built from 100% Hardox® steel to protect the



body from wear and impact. In addition, a number of standard features enhance durability. They include anti-blank-fire technology, which minimizes wear; an energy recovery system that reduces the required oil flow, and a double-damping system that reduces vibration. Variable impact speed and power can be manually tuned using an Allen tool, allowing the operator to adjust the breaker for correct productivity. A lower breaker speed provides greater power, while higher speed reduces the power, depending on the application needs. All Mazio breakers 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 pre-



# UP!



ventative 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 fiberglass-reinforced heavy-duty rubber case protects the meter from harsh working environments.

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

### Rammer's compact hydraulic hammer trio

In the bustling world of heavy machinery, there exists a trio of heroes—Rammer's compact hydraulic hammers—the E01, E02, and E04. Despite their small size, these mighty tools pack a 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. Versatile and efficient, these hammers 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 unparalleled 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 endeavor.

For those seeking to enhance the capabilities of their compact hydraulic hammers, Rammer offers the RD3 data module. Contractors can 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 3,250 lbf (14.46kN) hammer is designed for use on 13t to 22t excavators and pedestal systems. According to information from FRD, the 2,100-lb (1,400kg) model offers improved durability, with features that include a square, mono-block 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 improve the life of the piston, bushings, and working steel. With an adjustable rate of 450-600 bpm, the Fx175 Qtv is also designed to accommodate automatic lubrication systems for quick daily maintenance. Excavators equipped with quick coupler can take advantage of FRD's Floating Top-Mount Boss mounting system, which incorporates standard mounting hardware while meeting "OEM Pin Centers" for specific carrier mounting, eliminating the need for specific OEM top caps.

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

### 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 minimizes pressure spikes and keeps 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 assures the breaker is constantly lubricated to improve life span on wear parts and components. An automatic pressure regulator ensures hydraulic breaker operation pressure, regardless of changes in outdoor temperature, delivering maximum performance across a large range of carriers. Finally, Montabert recently introduced a redesigned 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 with industry-leading impact power and universal attachment interface. Units come standard with two tools — a moil 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 and delivered directly to your door.

The light duty model weighs 503 lb (228 kg) and has an impact energy of 214-236 lbf (290-320 Nm). It requires a hydraulic flow of 7-13 gpm (26.5-53 lpm). The 840-lb (381kg) standard duty model requires a flow range of 11-18 gpm (41.6-58 lpm) and provides an impact energy of 435-465 lbf (590-630.5 Nm). The heavy-duty model weighs 1,005 lb (456 kg) with an impact energy of 778-819 lbf (1,055-1110.4 Nm). Hydraulic requirements are 13-24 gpm (49.2-91 lpm).

By using a nitrogen boost, Ignite breakers are 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 company 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 excellent power-to-weight ratios suitable for a variety of applications. Because 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.

Providing 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 3-in-1 lower tool bushing 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 are engineered for high-performance, long-lasting durability, and easy maintenance 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, ensuring 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 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)





## 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 consuming 20% less fuel compared with other manufacturers' models, with weight and performance being equal. This is thanks to the upgraded hydraulic system that optimizes 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 are capable of adapting to the hardness of the rock, thereby making the best use of the impact energy to the advantage of productivity.

In a recent comparison of running costs, the HP 18000 Fuel-Saving hammer, Indeco's largest model, requires 18.3% less energy to achieve the same results as a gas-powered counterpart. This translates into a saving of 5,865 gallons (22,200 liters) of fuel per year. Indeco's Fuel Saving technology delivers a reduction in emissions equal to 55 tons (50,600 kg) of CO<sub>2</sub> per year.

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

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

Many of Epiroc's rig-mounted heavy hydraulic breakers now feature the patented Intelligent Protection System (IPS). Seamlessly combining the popular AutoControl and StartSelect functions, this fully automated system provides simpler, more efficient, and more economical operation than ever before.

AutoControl and StartSelect have been popular features on Epiroc hydraulic breakers for some years. AutoControl optimizes breaker performance by automatically adjusting the piston stroke length, while StartSelect system 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 makes the breaking process even simpler for the operator by automatically adapting the breaker's operating behavior 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 centering 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 minimized 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)

## 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, Beillite® Europe proves that high-quality and innovative solutions can go hand in hand. This series is your partner for direct mining, demolition, tunnelling, and underwater work, designed to maximize your 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 BL-B@LUBE 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.

### ACDE Europe, ASG demolition and sorting grabs and new pulverizers

Suitable for large excavators up to 50 tons, the revolutionary 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. Say hello also to the ASC series of hydraulic pulverizers ACDE®Europe's ASC series of hydraulic pulverizers will make your 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.

### HD Hyundai launches HRB Series hydraulic 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 packed with innovative features to provide efficient performance and high impact energy. HRB breakers are available in six sizes for excavators from 1.2t to 26t, 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 to prevent vibration being transmitted to the car-

rier machine, reducing wear and improving operator comfort. The front head assembly also incorporates a bushing to reduce shocks from the working tool.

High-quality steel is used in the main cylinder and in the piston, with an advanced heat treatment process delivering 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. And, a blunt flat end is designed for block splitting, compacting abrasive materials and concrete slab demolition work.

The HRB030 is designed for mini excavators with operating weights of 1.2t to 3t. The breaker features an impact rate of 700-1,200 bpm. The HRB040 is for 2.5t to 4t mini excavators and boasts an impact rate of 600-1,200 bpm. Machines weighing 4t to 7t are suited to the HRB050, which has an impact rate of 500-900 bpm. The HRB060 works with 6t to 9t machines, offering 400-800 bpm impact rate.

For larger, 10t to 15t excavators, the HRB140 delivers 350-700 bpm. Options for the HRB140 include auto-greasing and anti-blank firing. The largest model in the line-up, the HRB250, is designed to work with 18t to 26t machines. Along with standard auto-greasing and the anti-blank firing option, the HRB250 is available with a nitrogen gas accumulator in the back head section, increasing the impact energy of the piston. All HD Hyundai HRB Series breakers are delivered with a choice of two chisels, and come with a standard two-year manufacturer's warranty, guaranteeing peace of mind for customers.

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

### News from TABE

TABE Hammers have been a pioneer in the tie-free design since the 1997 launch of the first monoblock hammer, the AGB 370. Its compact design and simplicity result in a reliable, robust, and durable hammer. In recent years, we have been updating our light compact range, resulting in more hammers with a lower tip rate. As a result of this update, our most iconic model—the MT 375 for 5t to 8t excavators—will be replaced by the new 340kg MT 385, which delivers 800-1,100 bpm. Along the same lines, the MT 275 for 4t to 7t machines has also been updated as the MT 285. We continue working on



to renewal of our 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 offers more versatile hammers, capable of working in very diverse environments, guaranteeing optimal performance.



# The World Champion

**The finals of Tyrolit's fifth International Cutting Pro Competition were held in February at the Salzlager Center in Austria, featuring 24 competitors representing 13 nations.**

The competition consists of each participant competing in three disciplines, aiming to complete set of work at the fastest possible time. They included concrete cutting with a Tyrolit HRE 410, a high-cycle powered electric hand cutter; wall sawing a section using Tyrolit's high-frequency WSE 1621; and applying the Tyrolit DME 32 core drilling system to a concrete slab.

It was a tight and nerve-wracking battle between participating concrete cutters. Water and concrete sludge occasionally swirled from the stage, and the competitors did their utmost to achieve the shortest total time. The competition was very tight, and all competitors performed with an amazing degree of skill.

This year the victory went to Arnoldas Grigonis from the Lithuanian company Technominas. Grigonis walked away with a Tyrolit WSE 1621 wall saw and €3,000 (US\$3,200) in prize money. Second place was won by Gaetano Casale from Ediltaglio of Switzerland. He won the Tyrolit DME 32 drilling system and €2,000 (US\$2,134). Third place went



to Arnold Ortner from Austria's Ortner Bohr-Schneidetechnik, who earned the Tyrolit HBE 400 ring saw and €1,000 (\$1,065).



## Interesting show with lots of news

The competition was the culmination of a day-long Tyrolit trade show that featured many interesting new products, with the spotlight on products for grinding and polishing concrete surface. Many have been developed under the guidance of former Scansmaskin CEO Paulo Bergstrand, who now plays a key role in Tyrolit's sales and marketing efforts (see page 9).

The new products included five new floor grinders with grinding diameters of 11 to 28.7 in (28 to 78cm), with remote control available for the largest



# s of Concrete Cutting



The competition's top finishers (from left): Gaetano Casale from Switzerland, Arnoldas Grigonis from Lithuania, and Arnold Ortner from Austria.



models, the FGE515 and FGE780. Tyrolit has also launched two new floor strippers, three floor cutters, three shot blasters and seven dust handlers for absorbing sanding dust. Tyrolit also released three new drill motors, the DME20, DME26, and DME32; the VPE600 vacuum pump; and the FSE808 floor saw. 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. Tyrolit also announced the acquisition of 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.

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



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



Well-known industry faces at the competition included (from left) Alfred Landl, Tyrolit's former Construction Division Head of Global Sales and Marketing, and Thierry Piette, Tyrolit Country Manager and Sales Manager for Benelux



The mastermind behind the competition: Markus Kern from Tyrolit.



# The Quick Coupling Sector Never Rests

Quick couplers for the easy and swift changing of boom mounted attachments are for many contractors the very key to success. For contractors who work in demolition and recycling, the ability to quickly change hydraulic tools is a prerequisite for being competitive and delivering the right quality of the demolished and recycled material, with the systems being developed so that the operator does not have to leave the machine cab.

Fully automatic quick coupling systems were developed and launched in the early 1990s by OilQuick of Sweden. Since then, several other makes of fully automatic quick coupling systems have appeared on the market with other manufacturers. Here are some of the latest developments in this product sector.

## Arden's new quick hitches

Three new quick hitches from French manufacturer Arden Equipment were launched in April at the Inter-mat show. The Arden QA quick hitch system enables and simplifies the quick change of different attachments on a hydraulic excavator. These self-locking quick couplers are designed to fit all excavators from 0.8t to 12t and meet all current safety standards. The QA05H and QA Series 3 hydraulic quick couplers are equipped with a safety pad on the front axle. Benefits include compactness, removal of excess play, compatibility with reversible buckets and have lifting eyes. Arden's fully automatic AIO quick coupler is an all-in-one quick coupling system for excavators from 12t-30t. The range automatically connects all hydraulic and mechanical attachments from the cab, enabling safe and quick switches between different attachments.

[www.arden-equipment.com](http://www.arden-equipment.com)

## Engcon simplifies the retrofitting of 'EC-Oil' through a new machine bracket

Engcon's new improved machine mount for excavators in the 12t -19t size is available now. In addition to making the machine mount stronger, retrofitting with EC-Oil blocks will be easier because the new



### Quick coupler advantages

1. Hooks facing the direction of excavation ensures an evenly distributed digging force on both axles.
2. Unique safety solution with U-shaped locking hooks that prevent dropped tools. The hooks are designed to minimise play between the coupler and the tool.
3. Extraordinary design that reduces wear, increases durability, and thus extends the lifespan.
4. engcon's light and sound module for improved safety are included as standard with all quick coupler purchases. (Read more about the light and sound module on page 30).
5. EC-Oil comes as standard on automatic couplers with flexible hose routing.

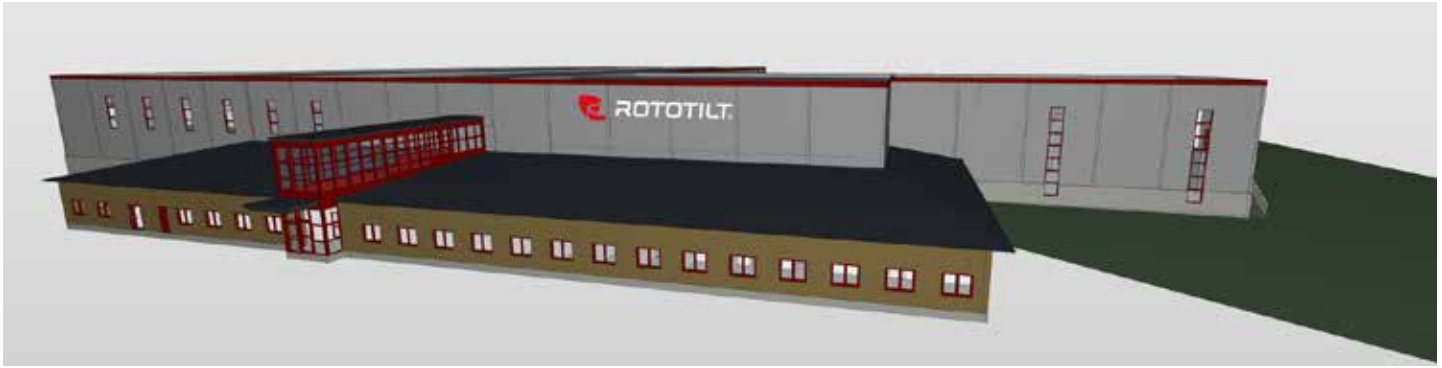
machine mount no longer contains hoses and minimises the risk of leaks and has been designed to provide increased hydraulic flow. "Thanks to our innovation driven work with a focus on the end customer, our customers can trust that engcon always delivers state of the art technology," says Martin Engström, product manager at engcon. "Our package must be the comprehensive solution and the premium product that our customers want, now and in the future" Later this year, engcon will launch

the S70 machine mount for machines between 20t and 30t.

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

## Rototilt product development leads to minimised daily operational disruption

Hampus Jonsson, Rototilt sales director Europe, says the customer is the center of every new product the company develops. "Users' ideas and wishes are both a source of inspiration and a driving force," he



adds. That's was the based for Rototilt's Quick-Change, which offers automatic tool changes that both reduces downtime and meets the growing need for flow capacity. In the latest iteration of QuickChange, Rototilt states that it has minimized daily operational disruptions while boosting the product's overall capacity. Innovations such as a specially developed nose seal, low heat generation in the hydraulic system, and an enclosed spring, demonstrate the aim to minimise leakage and safeguard the hydraulic system from contamination.

The system's impressive capacity for high flows and low pressure drops has been substantiated through independent testing of machine couplers and tiltrotators of attachment size QC60-5 by Sweden's research institute and innovation partner, RISE. "Our couplings deliver greatly improved flow performance, which is particularly valuable in heavy duty demolition tasks," says Hampus. "Thanks to high flow rates and a halving of pressure drops, we are able to cater for demanding work tools, such as hammers, while at the same time saving fuel."

In an expansion initiative, Rototilt is introducing a new robotic welding facility that integrates handling robots and welding robots. This strategic investment aims to enhance customer value by improving delivery times and overall quality. The construction project includes a factory expansion spanning 11,625 ft<sup>2</sup> (1,080m<sup>2</sup>) over two floors, with the new welding

section scheduled for final inspection in May 2024.

Another important factor for Rototilt's continued development of fully automatic quick coupling systems is the fact that the manufacturer is now expanding capacity at its factory in Vindeln, northern Sweden. The facility is powered by fossil-free energy and features an advanced system for energy recovery. The heat from the welding process is recovered via the ventilation system, thereby reducing energy use and climate pressure. The factory's main heat source comes from local biofuel.

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

### A leap in safety with Steelwrist's LockSense technology

Safety is paramount and with XTR20 Steelwrist takes a new leap in terms of safety solutions, preparing for the future with LockSense. Steelwrist was first to introduce the Front Pin Lock system already in 2012 and this time again takes the lead in the tech-



nology development with the new LockSense system. The XTR20 features Steelwrist's patented LockSense technology, a state-of-the-art sensor



system for secure work tool locking. The innovative LockSense solution has the necessary features to be aligned with anticipated changes in safety regulations. The wireless solution eliminates the hassle of delicate cables in exposed positions with a battery life time of approximately five years.

Operators receive both visual and audio-



ry confirmations, ensuring that every work tool change is secure and reliable, and that every job site is as safe as it is efficient.

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

### OilQuick and Hagaberg in new partnership

News from OilQuick is that the manufacturer has announced a new partnership with Hagaberg to boost sales and expand product awareness throughout Europe. With this partnership, Hagaberg gains access to the entire OilQuick OQT product range, a quick coupler system for forklifts. Hagaberg is known for its expertise in fork positioners and related system solutions, sharing OilQuick's commitment to delivering exceptional value to customers. The company's extensive network and dedication to customer satisfaction align perfectly with OilQuick's core values.

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





# OilQuick Lets One Machi

**With OilQuick quick couplers daily work gets so much easier for UK demolition contractor Connell Brothers Ltd.**

Manchester, U.K., demolition contractor Connell Brothers Ltd. owns and operates a large fleet of modern equipment including long reach excavators fitted with steel shearing equipment and concrete pulverising attachments. A specialist in floor-by-floor demolition, the 35-year-old company also provide asbestos removal, land remediation, and enabling works, including all aspects of building and civil engineering.

Thanks to the OilQuick coupling system, Connell Brothers is now able to get more mileage out of its fleet. "About 95 percent of our machines are equipped with OilQuick, even the mini diggers," says site manager Neil Docherty, who recently oversaw the demolition of a 12-story apartment building. He adds that implementation of OilQuick's automatic quick coupler system has resulted in a different way of working.

"With OilQuick it takes 20 seconds to switch attachments and that's it," Docherty says. "This means that jobs that used to take three machines



have been narrowed down to one machine. We can put a breaker on for five minutes, take the breaker off, put the grab on for a minute, switch to the steel magnet, and so on. It is a brilliant system in that way. It is so quick."

The system has enhanced jobsite safety as well, Docherty adds.

"Operators don't have to leave the cab to switch attachments, which means less risk of injuries, and no knocking pins out or spilling hot oils," he says.



# ne Do the Work of Three



Another advantage is that the expenses from replacing hoses have been reduced to nearly zero and, moreover, work has become more convenient for the operators.

"Back in the days when we had to switch hydraulic hoses manually, this was something that our operators weren't looking forward to, especially not when it was rainy and bad weather," Docherty says. "With OilQuick there is none of that. It's straight on, straight off with a few button pushes.

Neil Docherty, site manager, Connell Brothers Ltd.





# Tyrolit Launches New Generation of Core Drill Motors



The DME20 drill motor is available in three different designs. Depending on the model, it can be used for dry or wet drilling, rig-based or hand-held.

Three new air-cooled drill motors impress with compact, ergonomic design and are now available in multiple. Tyrolit's newly launched generation of air-cooled core drill motors--DME20, DME26, and DME32--have an extremely robust full metal housing, a three-speed gearbox with oil bath, and mechanical and electric overload protection. They also come with a levelling aid and a practical service and performance indicator.

Whether wet or dry, rig-based or hand-held, the new DME20 offers a wide range of applications for various craft businesses for drilling smaller diameters of .6-7 in (15-180 mm). As the name suggests, the drill motor has an output of 2.7 hp (2.0 kW). With drilling diameters of up to 9.8 in



The DME26 and DME32 drill motors are available either with the Tyrolit ModulDrillTM quick clamping system or with universal plate.



In addition to the practical LED power display, the DME26 and DME32 drill motors have a drilling mode selection function that helps with normal drilling as well as drilling reinforced materials.

(250 mm) and up to 13.8 in (350 mm), respectively the 3.5-hp (2.6kW) DME26 and 4.3-hp (3.2kW) DME32 with are the perfect choice for concrete drilling professionals.

These two models also have switchable drilling and rebar modes, making the drilling process as fast and efficient as possible. They are available with the Tyrolit ModulDrillTM quick clamping system or with universal plate.

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

## Safer Excavator Maintenance With Enerpac Cube Jack Lifting

Hydraulic industrial tools specialist Enerpac has announced a lifting system for safer excavator maintenance. Based on Enerpac SCJ-Series Cube Jacks, the system enables lifting and holding of the entire cab, boom, and arm, allowing the undercarriage to be safely removed. During maintenance of the excavator's swing drive and bearings, the undercarriage unit must be separated from the upper body cab and arm to give access to the swing motor and multiple sets of planetary gears. Until now this would have involved at least two service engineers jacking up the body and holding it on stands, a time consuming and hazardous practice.

The Enerpac cube jack lifting system offers a safer, CE-certified, approach to removing the undercarriage. It comprises two pairs of cube jacks providing coordinated hydraulic lifting of loads up to 25t per jack to a height of 6.5 ft (2m). Two cube jacks are positioned under a lifting beam at the rear of the excavator, while two cube jacks are located under the arm's bucket lugs. Each pair of cube jacks is connected to a hydraulic pump to synchronously lift and lower the excavator body and arm. Enerpac cube jack technology is well-proven in many industrial lifting applications. The SC-Series cube jacks use a base lifting frame and self-aligning, lightweight steel cribbing blocks to provide high-capacity and stabilized lifting--offering a safer, controlled and more efficient alternative to climbing jacks with wooden cribbing. The incremental cube jack lifting system is self-locking to support the load as each cribbing block is manually added or removed, instead of being held by hydraulic pressure and without the need for jack stands. Once the mechanical lock engages, the lift cylinder retracts, and another cribbing block can be added or removed.

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



Enerpac cube jacks supporting the excavator cab.



Enerpac cube jacks supporting the excavator boom and arm.





# The Game Changer in the Floor Preparation, Construction and Demolition Industries

**Lutec International presents the new CM 140 and CM 180 heavy-duty concrete milling machines.**



Removing concrete in the second floor with the CM 140.

The new models is designed for near dust-free removal of concrete, asphalt, and epoxy coatings. Thanks to the improved dust extraction system, it's also possible to remove coatings and sealants containing harmful substances such as asbestos and tar while safeguarding the operator and surrounding area from pollutants and fine dust. In addition to the usual areas of application in industrial halls, warehouses, and high-bay warehouses the CM 140 can be used in underground garages, parking decks and bridges thanks to its low weight of 10,000 lb (4,536 kg). Milling depths of up to 1.5 in (38 mm) per pass enable daily outputs of 1,500-3,000 ft<sup>3</sup> (42.5-85 m<sup>3</sup>) are therefore considerably more economical than conventional scarifiers on the market.

Learn more about Lutec sustainable concrete milling performance machines at [www.lutec-int.com](http://www.lutec-int.com).

[www.lutec-int.com](http://www.lutec-int.com)



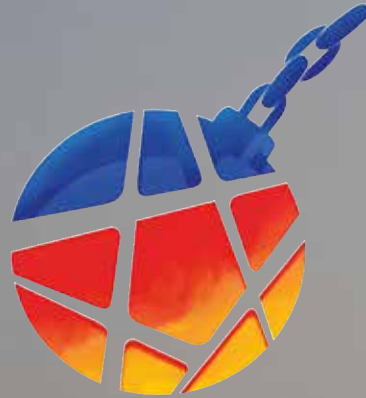


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# Demtech India 2024 Teams U

The IDA Convention and Demtech India are back in December 2024, this time in collaboration with Bauma Conexpo India. The event takes place from December 11-14 at the Noida International Convention Center, just outside New Delhi.

India has had a fantastic development in recent years, which is visible in the demolition, recycling, and concrete cutting sectors. A clear sign of this is



Picture from a previous Bauma Conexpo India show i Noida.

the formation of the Indian Demolition Association (IDA), the launch of its convention, and the Demtech tradeshow. Despite the pandemic forcing a hiatus for a few years, the reception of the event was a success in both 2019 and 2023 with more 500 delegates and many national and international visitors. Demtech attracted over 50 exhibiting companies on both occasions.

## Collaboration with Bauma Conexpo India 2024

In the months since next IDA Convention and Demtech tradeshow was tentatively set to be held in New Delhi at the end of 2024, discussions with the organizers of Bauma and Conexpo/Con-agg led to a deal to co-locate Demtech with Bauma Conexpo India 2024. The joint event will be held





# up with Bauma Conexpo India

December 11-14 at the International Convention Center in Greater Noida, right next to New Delhi.

Bauma Conexpo India is considered India's largest and most important construction trade show. The most recent edition, held in early 2023, attracted nearly 42,000 visitors from India and more than 80 other countries. The show featured more than 600 exhibitors, a quarter of which were international manufacturers.

Demtech will be housed in its own pavilion (Hall 3), and feature a large area of ??up to 70 stands. Midway through the show, on December 13, IDA will hold its annual conference in the Mezzanine above the exhibition hall. As usual, conference program will be filled with interesting lectures by key people in demolition, recycling, and concrete cutting, both from India and the rest of the world. IDA predicts another good turnout, comparable to the previous years' events.

As in 2019 and 2023, the event is being carried out in collaboration with the international industry publications PDI and PDa.

## Continued strong development for the Indian demolition industry

Last September, IDA elected Shiram Matte as Chairman, succeeding industry veteran Mohan



Ramanathan, who was instrumental in launching IDA and Demtech India. Matte is founder and owner of Mumbai-based contractor Matte & Associates. Joining Matte at the organization's helm is the new secretary, Fazrulla Basha, founder and owner of

Abcon Concrete Surgeons Pvt Ltd of Bengaluru.

PDa recently spoke with Matte and Basha about their expectations for the 2024 IDA Convention and Demtech.

"We had two great events behind us in 2019







**Shriram Matte new president of Indian Demolition Association.**



**Fazrulla Basha committee member and treasurer for Indian Demolition Association.**

and 2023, and feel a great tailwind in the Indian demolition, recycling, and concrete cutting sectors," Matte says. "India is a gigantic market with a population of just over 1.4 billion and we have seen a dramatic increase in the number of entrepreneurs within the industrial sectors IDA and Demtech deal with."

Adds Basha, "We also notice that the number of medium-sized and large contracting companies



**Mohan Ramanathan, initiator of IDA and Demtech and first president of Indian Demolition Association.**

is increasing significantly and these companies are also showing a great appetite in learning more about new technology and investing in new and modern equipment. This increased interest is of course connected to the positive development and upgrading of the country's infrastructure and industry, and also in terms of housing."

India's construction industry has experienced unprecedented growth in recent years and is poised to become the world's third largest construction market within the next two to three years, with a potential projected value of US\$1.4 trillion dollars.

"It is extremely important that IDA and Demtech are involved in meeting and supporting this rapid

growth," Matte says. "We need to be sure the right type of technology and equipment is implemented among the country's contractors, and that their level of knowledge is on par with the need. IDA plays an important role in this process."

Both Matte and Basha agree that the Indian construction industry is unique. India is a large country with great differences in terms of working methods, customs, cultures, and languages—more than 20 of them! That is why IDA committed to stage the conference and the tradeshow in different parts of the country—Mumbai, Bengaluru, and now New Delhi. Other cities are expected to host the events in coming years.

"We have noticed the great importance that Demtech 2019 and Demtech 2023 have played in helping guide the development our industry, but there is much more to do," says Fazrulla. "We're gratified that IDA and Demtech have enjoyed immediate and strong support from the country's demolition, recycling and concrete cutting participants. It is our responsibility as a trade organization and Demtech organizer to continue presenting the latest technology and training opportunities to our talented Indian entrepreneurs."

### **Make plans now!**

Once again, IDA and Demtech call on the world's manufacturers of equipment and tools for demolition, hydrodemolition, crushing and screening of demolition debris and waste, concrete cutting, grinding and polishing of concrete floors, remediation and more to their knowledge at Demtech 2024.

This year's edition of Bauma Conexpo India is already fully booked except for the part set aside for Demtech, so those who wish to participate should contact IDA and Demtech as soon as possible to ensure that they can book their booth space.

"I hope to meet many international players again at the IDA Convention and the Demtech trade show in New Delhi in December 2024," says Ramanathan.

[www.indiandemolition.org](http://www.indiandemolition.org)  
[www.demtech.in](http://www.demtech.in)

**Picture from the 2023 IDA Convention and Demtech tradeshow in Bengaluru.**





[www.demcon.se](http://www.demcon.se)

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