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ASV introduces its new repowered RT-40 compact track loader



John Deere expands its excavator attachment offering



CAT's new tiltrotators offer added flexibility on the job site



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LETTER FROM THE EDITOR

Celebrating and questioning innovation in the industry

The release of Doosan Bob- is a fairly drastic step away cat's new fully-electric T7X from what we know. compact track loader is a tion in the industry.

In the last few years some of the major players like Caterpillar, Komatsu, Volvo and JCB, among others, have invested in the electrification of machines like excavators and telehandlers.

However, with innovations like these comes skeptics. Many have concerns about the declared sustainability, the lifespan of the batteries and the power compared to internal combustion engines.

All of these concerns are legitimate considering we have been using and improving gas-powered machinery since the late 1800s.

The industry has become comfortable with the technology and the emergence of fully-electric equipment fully-electric excavators on track loaders since 1962 ative, I'm going to take it.

recent example of innova- fully-electric automobile, General Motors' EV1, was GM rounding up and crush- hibited or dangerous. ing the majority of them.

> years since the EV1 and we hours on end on a real job have only recently started to see a boom in the electric time I was able to run this car market.

things like the legitimacy of is definitely woven into the fabric of these industries I think that, as consumers, early stages. being inquisitive and skepthe innovation process.

> ning stages of producing fully-electric equipment and it's hard to tell what will stick and what won't.

the market and am surprised by how quiet they run and The first mass-produced, how smooth the controls feel after getting used to them.

Also, they allow for you to released in 1996 and was ul- operate in enclosed areas timately unsuccessful, with where exhausts are pro-

I have not yet operated It has been twenty-six fully-electric equipment for site. However, in the limited type of equipment, I was While financial politics able to recognize that there are environments in which electric equipment would and their market-response, be very useful, even in its

Compact track loaders can tical is an important part of be found on almost all jobsites and, in my opinion, is We are only in the begin- one of the most fun pieces of equipment to operate. This makes me eager to try out

I have tested some of the turing gas-powered compact new, and potentially innov-



Max Carrington // Editor editor@equipmentjournal.com

when it released the 15.5 hp, 2-cylinder M440. So, the new T7X is a testament to the company's passion for this type of machine.

It's impossible to tell what will go the way of the EV1 and what will become a mainstay in the industry. Bobcat's new T7X for myself. But if there is ever a chance Bobcat has been manufac- for me to operate something

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Rotar International joins Open-S Alliance

Rotar International, a Open-S Alliance as a Sup- Open-S compliant products manufacturer of premium porting Member. hydraulic attachments for tion, recycling and scrap metal industry, has become a member of the Open-S Alliance.

The goal of Open-S Aloperators and contractors around the world the freework tools from manufacwith the standard, and to promote continued technostandard. The organization International. now welcomes Rotar International as a member.

manufacturer with an extensive product line for hydraulic Rotar customer can beneexcavators for the demolition and recycling industry. Based in the Netherlands, the company has over the shared between different exyears become a full service cavators in order to increase supplier for the demoli- the utilization ratio and imtion and recycling market. prove profitability. As more

"We at Rotar International, excavators in the demoli- manufacturer of hydraulic Stefan Stockhaus, Chairman attachments, are delighted to of the Open-S Alliance. be a member of the Open-S Alliance. We supported the Open-S philosophy from day one. With our joint knowledge liance is to give machine we have developed a perfect solution for the demolition and recycling industry. Today, a lot dom to combine machine of our equipment is factory couplers, tiltrotators and fitted with original OEM-integrated, fully-automatic quick turers that are in compliance coupler adapters. Our customers experience the many advantages that the plug and logical development. The play system is offering. Such Open-S Alliance is open as safety, weight, compactto all manufacturers in the ness and service friendliness," industry who believe in says Louis Broekhuizen, the benefits of a common Commercial Director, Rotar

"We are very happy that yet another quality manu-Rotar International is a facturer of excavator work tools joins the alliance. The fit greatly from the Open-S standard as high value work tools now with ease can be Rotar International joins the excavator brands can mount

CONSTRUCTION O AGRICULTURAL O INDUSTRIA YOU BROKE IT, WE FIX IT! Major or minor machine repair and maintenance at our shop or we bring our shop to you minimizing your downtime. We have the capabilities to run hydraulic diagnosis and repairs. We also do full engine rebuilds. Serving the Construction, Agricultural & Industrial Industries. Call us today! from factories this will make it 519-796-4839 even easier in the future," says

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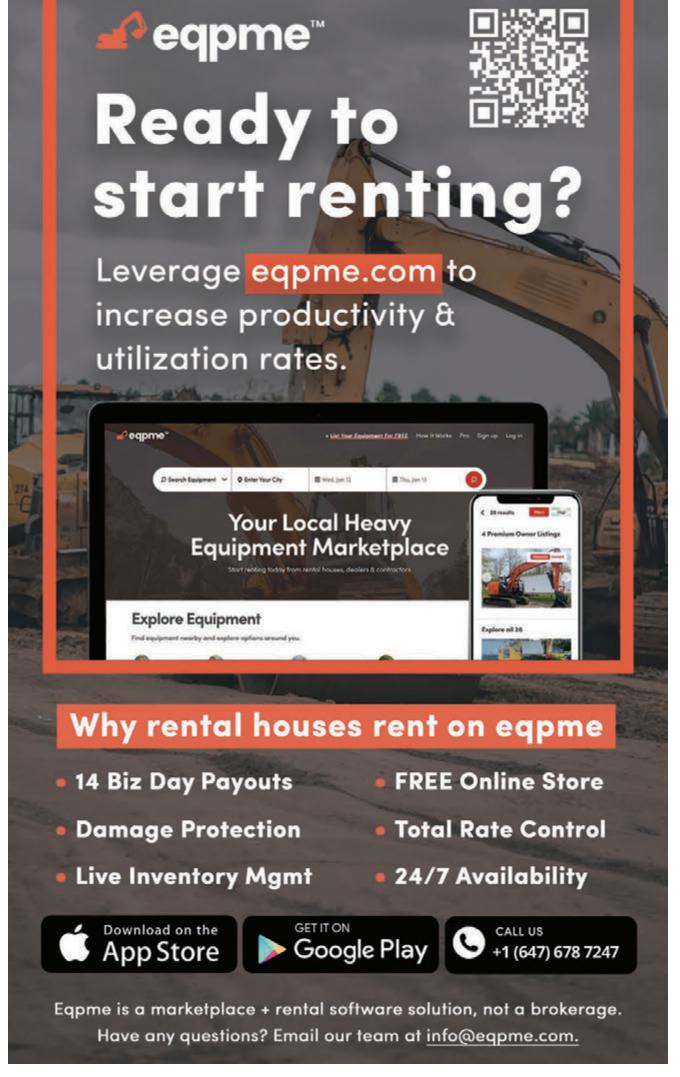
Bird Construction lands \$200M film studio contract

Bird Construction has \$200 million.

major productions and supthe film industry locally.

scaping.

"We are very pleased to announced that it has have the opportunity to been awarded a contract deliver another important for construction of Lake project for this client, as well City Studios by Lake City as contribute to the growth Industries Limited Part- and prosperity of the comnership in Burnaby, British munity. This large-scale Columbia. The project has project leverages our team's a contract value in excess of demonstrated execution experience and contributes Once complete, Lake City to the continued expansion Studios hopes to create a of our project portfolio in significant economic de- the BC market, as well as velopment opportunity in continues to build our relathe community and result tionship with this client for in a world-class film studio whom we have executed a with the potential to attract number of projects across Canada." said Mr. Teri Mcport the overall growth of Kibbon, President and CEO of Bird Construction Inc. The Project includes over "Bird's track record and 1.3 million square feet of expanded platform posspace and incorporates 21 itions us to take advantage sound stages, production of a strong pipeline of prooffices, general office space, jects in this market, and storage and workshops, an positively supports our underground parkade as geographic diversity and well as site works and land- focus on building long term shareholder value."





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CAT 390FL (2016) - 8,210 Hours32' Boom, 14'5" Stick, Coupler
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CAT 972M (2019) - 3,285 HoursHigh Lift, Dealer Maintained, L-5 Tires, NEW 6.75
CYD GP Bucket, Coupler is Available, CAT Payload
Monitoring, CAT Auto Grease System.



VOLVO A30F (2012) - 9,250 Hours 23.5R25 Tires, Tail-gate, Straight Truck, Arriving soon.



CAT 988H (2011) - 14,765 Hours

O Hr Rebuilt Engine, Recent Trans, Torque and
All Pumps, CAT Inspection, Pressure Checks & Oil
Samples, 10 CYD Spade Bkt, NEW L-5 Re-Cap Tires.



CAT D7E (2012) - 3,554 Hours

Differential Steer, 26" Pads, Semi U Blade, Choice of Winch, Ripper or Drawbar, Grade Control Joystick, Rear Camera. Exceptionally Clean Unit. Warranty.



KOMATSU WA500-3L (1998) - 28,750 Hours Re-Man Cummins Engine @ 22,000 Hours, Goodyear L-4 Tires, Load-Rite LR810 Scale, Auto Grease System, Well Maintained



CAT D8T LGP (2017)
3685 Hours - Idle Hours: 1608, Auto Reverse
Cooling Fan, 38" ES Track Pads, CAT SU Blade
with Tilt, High Speed Oil Change. Warranty.



CAT D8T LGP (2014) - 12,165 Hours 38" Pads, CAT SU Blade, Choice of Ripper or Winch, Good U/C, Nice Tractor.



KOMATSU WA500-7 (2015) - 7,595 Hours 8 CY Bkt, Auto Grease, Joystick/Steering Wheel Steer, Ride Control, Rear View Camera.



Yard Loader Arrangement, 8.25 CY Bucket, 875/65R29 Tires, Very Good Well Maintained Loader.



RECONDITIONED CAT D6T XW (2013) 9,225 Hours, SU Blade, **Complete New U/C**, 30"
Pads, Optional MS Ripper. **Warranty.**



CAT 980M (2016) - 6,490 HoursHigh Lift, Dealer Maintained, GP Bucket With Side Guards, Steering Wheel, CAT Payload Monitoring, Auto-Dig Function, Axle Oil Coolers, CAT Auto Grease.



JOHN DEERE 872G (2013) - 5,840 Hours 6x6, Snow Wing, 17.5R25 Snow - Ice Tires, Front Lift Group, Frt & Rear Fenders, Work Ready.



JOHN DEERE 700K LGP PIPELAYER (2014) 1,953 Hours,Steer Wheel, 14' Blade, 17.5R25
Snow/Ice Tires, 6 Wheel Drive, Falls Snow Wing,
Rear Ripper, Fenders.



CAT 773G (2014) - 15,245 HoursDual Slope, Lined & Heated Body, Auto Grease,
Rear Camera, All Needed Repairs & Servicing being
Completed, Good Tires.



CAT 773G (2012) - 12,495 Hours

Dual Slope, Lined & Heated Body, Auto Grease,
Rear Camera, All Needed Repairs & Servicing has
been Completed, Good Tires.









ASV launches new Yanmar-powered RT-40

ASV has introduced a repowered RT-40 Posi-Track®

According to the company, the 38.2-horsepower engine machine owners by allowing them to have the Yanmar engine serviced at ASV dealers.

So, ASV believes the inconvenience of its serviceability add to the appeal of the RT-40 as a more productive, safer option when compared to walk-behind and stand-on loaders.

Additionally, the smallframe RT-40 aims to improve comfort, visibility and performance over its predecessor.

is a leading performer in applications that require work in tight spaces, including urban snow clearing and landscaping. This would make it an ideal rental product for homeowners, rental fleets and contractors.

"With the Yanmar-powered RT-40, we are doubling down on the machine's performance, reliability and comfort, as well as making it easier for our customers is designed so operators can to service the engine at ASV dealers," said Buck Storlie, ASV Holdings Inc. product manager. "The RT-40 is ing hood offers easy access already a staple due to its ability to bring more power and productivity to limited-space work that may otherwise have required a fence removal or needed to be done by hand."

Power & productivity

The repowered RT-40 includes a more powerful new 38.2-horsepower Tier routing and chassis sealing 4, 3-cylinder Yanmar engine. The compact track loader features a 48.3-inch width, an 8.4-foot lift height, a 931rated operating capacity and a 7.1 mph top speed.

Also, the machine boasts high tractive effort, and powerful pushing and digging power, thanks to ASV's Posi-Power system.

The RT-40's quick attach fits a variety of attachments and works with an optional adaptor plate for full-sized or walk-behind/stand-on loader attachments. An idler wheels full-metal-face seal package increases the ROC to 1,008 pounds.

In addition, the loader's compact size allows it to be loader with a Yanmar engine. conveniently towed behind a 1/2-ton pickup truck.

The RT-40 comes standard improves serviceability for with variable auxiliary hydraulic flow and can operate more hip room due to the precise control and fineefficiently at a high auxiliary circuit flow rate, powered by 13.3-gpm of pump capcreased power and the acity and 3,000 psi of system pressure. Labor-intensive belt armrests and a tall cab imservicing is eliminated thanks proves comfort for operators to ASV's signature use of a of different sizes. direct drive pump.

> more flow and pressure directly to the attachment to help prevent power loss.

out of their machine.

The RT-40 is tested to opertime in ambient temperatures from -40 up to 118 F.

Serviceability & reliability

Customers can take advantage of ASV's network of dealers as the RT-40's Yanmar engine can be serviced at these locations.

Additionally, the machine spend less time servicing it and more time productively on the jobsite. Its rear-tiltto maintenance points, including filters, oil and fuel tank reservoirs, hydraulic and water separator drains and the battery.

The loader is built with a heavy-duty frame, drive table and axles. It features new wiring harness routing for additional durability.

In addition, the drive hose are designed for reduced rubbing, fewer line breaks and boosted hose longevity. Metal-face seals on the front and back ensure the drive hubs do not require maintenance for the life of the machine.

An optional bumper or bumper and limb riser can help protect the machine in tough applications, such as rental applications.

ASV's Posi-Track loaders come with a 2-year, 2,000hour warranty. This warranty includes the industry's first and only no-derailment guarantee and covers the tracks for the entire warranty period.

Comfort & ease of operation

ASV focussed on enhancing the comfort of the RT-40's compact cab. The company claims that entry and exit is easier and operators have transmission allows for more new single-sided lap bar similar to that on the larger MAX-Series models.

The cab is pressurized, This, along with the ma- resulting in a cleaner inchine's large line sizes and cab environment. Optional cabs include heat and air conditioning.

Also, ASV offers additional An efficient cooling system comfort features, including a The company claims that it allows operators to get more cup holder, phone mount and DC outlet.

> ate at full load 100% of the RT-40 offers a safer and more productive alternative to similar-sized walk-behind and stand-on skid-steer loaders. Its cab features rollover and falling object protection, sheltering operators from outside elements with available enclosed configurations, and eliminating the fatigue that comes with standing.

> > Intuitiveness is improved by a new 4.3-inch color dis

play and standard hydraulic joystick controls that puts full control of the machine at the operator's fingertips.

Additionally, a new drive tuned operation.

Also, the machine includes visibility improvements over Also, partially adjustable its predecessor. A new frameless front door includes floor-to-ceiling glass area, allowing operators to better see their work and attachments.

The cab's large side and rear windows provide additional hydraulic coolers, transfer all-weather or cold weather lines of sight. This is further improved by the bright rear LED light and adjustable front pedestal lighting. An optional backup camera is available to replace the standard rearview mirror for additional According to ASV, the convenience and visibility.

Posi-Track benefits

While many compact track loader designs use the same chassis for their compact track loaders as their skid steers, ASV designs its patented Posi-Track and skidsteer loaders independently to provide customers with the highest performance from each machine.

The RT-40's dedicated

any walk-behind or stand-on loader, as well as many larger machines. The unit can easily travel over rocks, logs, stumps and other obstacles with less risk of getting hung up.

ASV's Posi-Track system features a flexible track and an open-rail and internal positive drive-sprocket undercarriage, allowing for more traction, longer wear life and faster, more convenient undercarriage cleaning.

Also, Posi-Track loaders contact points, spreading the track derailment.

frame results in a 10.8-inch machine's weight evenly. As a ground clearance, higher than result, the RT-40 features an industry-low 3.5 psi ground pressure, reducing the risk of damage to turf.

Optional smooth turf tracks minimize the risk of damage underfoot even further. The low ground pressure also translates to more flotation and traction on steep, slippery and wet ground, and enhanced control and pushing capabilities. The wide, flexible track maintains more contact with the ground than other designs, helping to virhave a large number of ground tually eliminate the risk of





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vice technicians to connect can be used on iOS and JLG scissor lifts, the DaVinto the JLG DaVinci AE1932 Android devices to view, real time, from any location.

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ciGO app, which comes scissor lift via the exclusive diagnose and troubleshoot standard on JLG DaVinci lifts, JLG's all-electric machine in sets a new benchmark for the industry by eliminating the According to Randi Mcneed for a separate analyzer, or any other specialized tools, RENTALS * SALES * SERVICE

to run machine diagnostics. This app enables users to get remote assistance using smart phone-enabled diagnostics.

"The DaVinciGO app allows service personnel, such as a field technician, to perform operations, such as software updates, configuration, calibration, and more, via any connected device," says Mc-Clure. "Utilizing the latest digital technology, this app will reduce diagnostic time by giving users the ability to quickly identify and address machine issues."

McClure continues, "And when product support is needed, users can use the DaVinciGO app to remotely and install via the App Store engage with the JLG service or Google Play. ■

vices like a "modem," users can use the app to connect the machine directly to the JLG service center, giving them the ability to remotely view current machine information, such as the serial number, diagnostic troubleshooting codes (DTCs) or the value on a specific input, output, or internal channel, in real time.

Users can also use the DaVinciGO app to calibrate and configure their DaVinci scissor lift, adjusting inputs, outputs, and parameters in real-time. And, says McClure, it is also possible to use the app to reset a setting to its factory default value. Also, McClure says, the app allows service technicians to send or get over-the-air software updates and see machine settings without the need of a computer.

The app is free to download



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1979 SMI BM-2200 GM-453, low hours, ex-municipality.



1978 SMI 5250, GM - GM, low hours, fresh paint. \$39,500.



1999 VOHL DV-4000, louder mount, \$65,000. J.D. diesel



1983 VOHL DV-4000, J.D. motor, tel-\$44,500



\$57.500.

1975 CAT 14G, good runner



SMI 7200 ribbon blower, rebuilt 1997

\$48,500.

1997 RPM TECH P-3500 dump blower, Cummins KT-450. \$59,000



1987 FORD F-700, 4x4, GM Diesel, long frame, good condition. \$14,000.



1983 WESTERN STAR, 6x6, Cummins 270 HP, 18-46 axles, good condition! \$57,000.





1998 BOMAG BW164AD, 66" P.O.A water system, very clean.



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JANUARY 24, 2022 EJ

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Windjammer Capital acquires Fecon

Fecon LLC, a global manufacturer of heavy-duty forestry mulching equipment and related forestry accessories for over 30 years, has announced that LFM Capital has sold Fecon to Windjammer Capital Investors.

Fecon was founded in 1992 and is based in Lebanon, Ohio. The company serves a variety of end markets, including utility and infrastructure maintenance, right of way/site development, fire prevention and other applications.

Additionally, Fecon has burnished its position as a trusted supplier to the market, supported by its products, dealer network, IP portfolio, focus on new product innovation and customer service. The company has a large installed base and more than 550 dealer customers nationwide.

Fecon, commented, "We are appreciative of the guidance provided by the LFM team, which allowed Fecon to confidently pursue a number of strategic and operational priorities that have enabled strong growth over the last three years. We are excited about partnering with the Windjammer Capital team and look forward to the company's continued success."



of the type of business Bob and the Fecon team to Bob Dieckman, CEO of Windjammer seeks for in- further bolster their market vestment - a niche market leading capabilities." leader, delivering mission critical products and ser- team has built a well-revices with a solid market spected business that position," said Matt Ander- delivers a proven customson, Managing Director er value proposition that is at Windjammer. "Fecon's second to none," said Greg strong market positioning, Bondick, Managing Prinbolstered by robust vege- cipal at Windjammer. "We tation management trends look forward to working offers great opportunity for closely with the Fecon team growth, both organically to capitalize on its multiple and through acquisition. growth opportunities."

"Fecon is a great example We're excited to partner with

"Fecon's management

ASV's new line of CTL and skid steer attachments

ASV Holdings Inc. has introduced a line of branded attachments tested for use on ASV machines.

The ASV-branded attachments include a full range of buckets, pallet forks, grapples and brush mowers, with each attachment type available for every machine in ASV's lineup.

According to the company, contractors will benefit allowing ASV dealers to be a from being able to work with an ASV dealer as a single point of contact for a comprehensive package of ASV equipment and attachments.

convenience for our customers in everything from the purchase process to the operation of our equipment," said Jeff Pate, director of sales for the ASV brand. "Our new attachment line streamlines the purchasing process by directly from ASV.



performance and reliability with an ASV attachment."

The attachments, availnetwork, are tested for use package. with ASV machines.

Additionally, the attachments feature a 24-month line, adding to the growing warranty, providing additional peace of mind with and fill the increasing departs and support available mands and variety of

Also, the new attachments one-stop-shop and ensures are available for financingour customers get the best commercial buyers who purchase an ASV machine through an ASV dealer have the option to bundle the "It's our goal to enhance able through ASV's dealer attachment in the finance

> ASV plans to continue to expand the attachment capabilities of ASV machines job-specific applications. ■





deck, 8'6" W, 6R/side, ABS sys. w/spring brakes, lockable toolbox, stk# B210-469



2014 VOLVO A25F, Volvo D11HA, Tier IV diesel 315 hp, 6 wheel dr, 26.5 ton payload, backup camera, stk# B145-153



2020 HAMM HD12VV TAN **DEM ROLLER, 48" smooth** drum, Kubota, water system,



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John Deere expands its excavator attachment offering

Today, John Deere introduces new additions to its attach- operator to maintain high rotor revolutions per minute ic braking system quickly stops the blade rotation after ment family for excavators with the ME36 and ME50 mulchers, and the RE40 and RE50 rotary brush cutters.

The ME36 and ME50 mulchers are equipped with knifestyle cutting teeth on a split ring rotor. The spiral, double helix tool pattern and innovative tool shape allow for fast, efficient cutting for mulch up to 5-inch material.

A controlled and metered cutting depth allows the

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(RPM) and a productive mulching rate. The teeth may be sharpened and easily flipped for a fresh cutting edge, extending the tool's life. The mulcher attachments are ters offer flexible configuration to a variety of coupling ideal for right-of-way maintenance and fire/fuel reduction, clearing standing or felled trees and brush along fencerows, roadsides, waterways, and other hard-to-reach places.

satility for excavators. These brush cutters are ideal for embankment and ditch management, over-fence brush management, rail right-of-way maintenance, and otherwise difficult to reach areas. Three swinging blades cutters deliver value to customers so they can achieve mounted to a blade carrier can fell and cut material up to high productivity, uptime and low operating costs. These 6 inches in diameter. A heavy-duty hinged debris shield attachments are tested in the toughest applications, retracts when the head is engaged with trees and brush, exposing the blades, and allowing for aggressive cuts.

The RE40 and RE50 brush cutters directionally beveled blades push material into the head of the cutter, creating fine debris for recycling. The blades are also reversible, so when the leading-edge wears, they can be unbolted and flipped over for a fresh cutting edge. An automatic hydraul-

the machine is turned off, so operators can exit the cab.

Equipped with a bolt-on mounting system, the RE cutsystems. If coupling requirements change, units can be quickly and easily reconfigured.

"Both attachment lines offer customers a means to The RE40 and RE50 brush cutters bring more ver- step into the growing vegetation management segment of machine use," said Jason Simmons, Project Manager of Global Attachments at John Deere Construction and Forestry Division. The features of the mulchers and ensuring they will get the job done and are durable enough to last.

> The attachments are tested and optimized to work with John Deere excavators, but the mulchers are also compatible with many competitive 5-10 ton excavator models. The brush cutters are also compatible with many competitive 3-10 ton excavator models. ■



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John Deere to acquire majority ownership in Kreisel Electric

acquire majority ownership in Kreisel Electric Inc., a battery technology provider based in Rainbach im Mühlkreis,

Kreisel develops high-density, high-durability electric battery modules and packs. Additionally, Kreisel has developed a charging infrastructure platform (CHIMERO) that utilizes this patented battery technology.

Since 2014, Kreisel has been focused on the development of immersion-cooled electric battery modules and packs for high-performance and off-highway applications.

The company has a differentiated battery technology and battery-buffered charging infrastructure offering and currently serves a global customer base across multiple end markets, including commercial vehicles, off-highway vehicles, marine, e-motorsports and other high-performance applications.

According to John Deere, the demand is growing for batteries as a sole- or hybrid-propulsion system for off-highway vehicles. Products in Deere's portfolio such as turf equipment, compact utility tractors, small tractors, compact construc-

Deere & Company has signed a definitive agreement to tion and some road building equipment could rely solely on batteries as a primary power source.

> Deere intends to continue to invest in and develop technologies to innovate, deliver value to customers, and work towards a future with zero emissions propulsion systems.

> The majority investment in Kreisel Electric will allow Deere to optimally integrate vehicle and powertrain designs around high-density battery packs while leveraging Kreisel's charging technology to build out infrastructure required for customer adoption.

"Kreisel's battery technology can be applied across the broad portfolio of Deere products, and Kreisel's in-market experience will benefit Deere as we ramp up our battery-electric vehicle Deere's sustainability goal of pursuing new technologies that portfolio. Deere will provide the expertise, global footprint, and funding to enable Kreisel to continue its fast growth in core markets," said Pierre Guyot, Senior Vice President, John Deere Power Systems. "This is an opportunity to invest in a company with unique technology that's designed for the demanding conditions where Deere customers work... Furthermore, building an electrified portfolio is key to John



reduce the environmental impact of new products and work toward zero emissions propulsion systems on equipment, while increasing our customers' efficiency and productivity."

Kreisel Electric will retain its employees, brand name and trademark, and continue to operate from its current location in Austria to serve its growing customer base. The company was founded by brothers Johann, Markus and Philipp Kreisel and has approximately 160 full-time employees.

In a joint statement, Johann, Markus, and Philipp Kreisel said the Kreisel team looks forward to expanding its base business, leveraging the Deere channel to accelerate adoption of battery-electric vehicles and charging stations, and working with Deere's vehicle design teams on product advancements.

The transaction requires final regulatory approval in Austria, with closing expected to take place in approximately 60 days. Financial details are not being disclosed.





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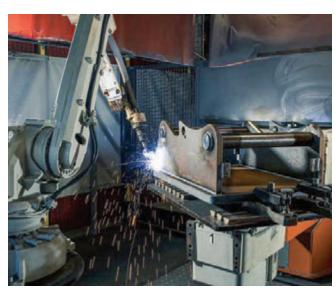
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OilQuick announces North American quick coupler manufacturing venture

OilQuickUSA, an Exodus Global company, and OilQuick AB, the manufacturer of the OilQuick Automatic Quick Coupler System, have announced a joint venture to manufacture automatic coupling systems in the U.S. The new company will be named OilQuick Americas, LLC "OQA" and will service both the North and South American markets.

OQA is investing millions of dollars in state-of-the-art manufacturing machinery at its Superior, Wisconsin location. This joint venture greatly increases our manufacturing capacity to meet the exponential growth in demand.

"Having worked with Ake and Henrik Sonerud for six years now made the decision to form a JV with them easy. Their approach to business, commitment to quality, and respect they show their employees and customers dovetails perfectly with Exodus Global," states Kevin Boreen, CEO of Exodus Global, LLC.

Boreen continued, "The market for Automatic Quick Couplers in North America is gaining momentum daily. This investment gives OQA the unique ability to service our customers with domestic manufacturing. With over 36,500 coupler systems installed worldwide, no competitor even comes close to the reliability of the OilQuick Coupler."

Henrik Sonerud, CEO of OilQuickAB states, "The team at Exodus Global is a perfect match for us, having the very same view of business, quality, and support for our customers. We are very happy to start this new journey with them."

Sonerud continued, "This is also a necessary step for us in our global expansion, by doing this, we release capacity for our growth in Europe and Asia, but even more importantly severely improve support to our customers in North America by shortening the delivery times and increasing the flexibility."

OilQuick Americas began transacting business on January 1st, 2022, and full production of the OilQuick Automatic Quick Coupler System will commence later in 2022.



J.R. Brisson announces a new branch in Ontario

J.R. Brisson Equipment has announced **About J.R. Brisson Equipment** the opening of a new CASE Construction branch in Sudbury, Ontario.

This new branch is part of J.R. Brisson Equipment's growth plan as it continues to strengthen its presence in its territory by relying on its expertise and unparalleled in Northeastern Ontario. customer service.

of maximizing its service offer over a larger territory, while maintaining its values of proximity to its customers.

The 11,600 square foot building will open and Ontario. ■ on February 1st, 2022.

Employing more than 55 employees with its four branches, J.R. Brisson Equipment has been working in the field of construction and snow removal equipment for many years in Western Quebec, Eastern Ontario and now

The company is known for its expertise With this fourth branch, the company with its CASE Construction product line. claims that it is consolidating its objective Since 2017, J.R. Brisson Equipment is part of the Terapro Group, a group of 18 dealers of CASE construction products as well as New Holland agriculture serving Quebec



The Hilti Group acquires Fieldwire for \$300 million

The Hilti Group has entered into an agree- customers. We intend to continue investing ment to acquire Fieldwire, a San Francisco-based construction technology company for an approximate \$300 million. The acquisition will bring together Fieldwire's product and Hilti's global brand and market reach to help drive productivity at contractors and on construction sites.

Fieldwire provides a platform for jobsite professionals in the market. management that powers more than a million jobsites worldwide.

Founded in 2013, Fieldwire has built a presence in North America and expanded internationally into Europe and Asia Pacific, while building market-specific features that look to allow customers to improve field productivity.

The San Francisco based company is presently supporting thousands of clients to better manage their jobsites digitally by offering a software solution that is reliable, easy to use, has a wide range of features and is also device-agnostic. It is used by general and specialty contractors alike.

"The acquisition of Fieldwire will accelerate Hilti's capability to deliver productivity to Since digitalization has become a major driver of productivity in construction, Hilti has been investing in digital solutions for construction professionals. This acquisition will strengthen our software portfolio and is the leading digitalization partner for our productive.

in the platform to create the next market leader in construction project management software." said Christoph Loos, CEO of the Hilti Group.

With Hilti's support, the team at Fieldwire will look to expedite the work on building the preferred digital solution for construction

The current Fieldwire team members will be invited to stay with Hilti Fieldwire under the continued leadership of the two founders, Yves Frinault and Javed Singha, and additional efforts will also be made to significantly grow the team.

"We started Fieldwire to help construction contractors empower their teams, drive field productivity and create stronger, more profitable companies. With Hilti, we have found a partner that truly shares our values and at the same time allows us to speed up our product development for our customers in new and existing markets. We are thrilled to be joining the Hilti Group," said Yves Frinault, Fieldwire's Co-founder & CEO.

In 2017, Hilti was part of Fieldwire's Series our customers through software solutions. B financing round. It has since then provided ongoing guidance as the company scaled rapidly. As an early investor, Hilti already has a sound working relationship with Fieldwire, and together the companies plan to strive towards making construction a logical step towards our vision of becoming job sites around the world simpler and more



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2018 BOBCAT E35i

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The demand for EC-Oil has grown markedly

The excavator industry contributes to increased makes my excavator more develop, automatically and safety". connecting and disconnecting tiltrotators or other
 Potential in North America hydraulic tools without become far more common. has realized the value of the Interest in EC-Oil has tiltrotator combined with ECincreased considerably.

figures from the past two years show that sales of its quick couplers with EC-Oil have been equipped with a under the tiltrotator have machine hitch and tiltrotator increased as much as 76 percent globally.

choosing EC-Oil on the top of the tiltrotator, enabling connection or disconnechaving to leave the cab.

The company claims that equivalent growth has also his tiltrotator with the autotaken place for its machine sales are said to have inthe period 2019 to 2021.

"The figures speak for themselves. More and more people are realizing the benefit of being able to quickly connect or disconnect their tiltrotator or other hydraulic tools without having to leave the cab. They also do not have to bother disconnect the tiltrotator in a with pressurized and dirty manual couplings," says Martin Engström, product manager at Engcon. "It's incredibly gratifying to see these results because we know that this overall the tiltrotator in my work. It

continues to advance and profitability plus comfort efficient, and I save both fuel

by Sean Coghlan.

from Engcon.

"With Engcon's tiltrotator, So, more and more ex- it does not matter what poscavator contractors are ition the machine is in; now I can easily rotate and tilt the stones into any position. You could say that the tiltrotator tion without the operator is the excavator's wrist," says Sean Coghlan.

Early on, Sean equipped matic quick coupler system hitch with EC-Oil, where EC-Oil, which allows him to connect and disconnect hycreased significantly over draulic tools without leaving the cab. In addition to the fact that it is easy to switch between hydraulic grippers, pallet forks, sweeper rollers, buckets, etc. under the tiltrotator, it is just as easy to disconnect the tiltrotator itself from the excavator.

"Thanks to EC-Oil, I can few seconds and connect the bucket or other tool directly to the machine hitch. In this way, I increase the breakout force and save the weight for those times I do not need

and time. In addition to time and efficiency, it is also very convenient to be able to con-One of the customers outnect hydraulic tools without having to leave the cab has side the Nordic region who having to leave the cab and get dirty", says Sean Coghlan. Oil is Shamrock Earthworks been included at no extra According to Engcon, Ltd. in Calgary, Alberta, run cost in the simultaneous pur-

Since 2020, EC-Oil has chase of Engcon's machine Since 2017, his excavators hitch, tiltrotator and control system.



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2012 HYUNDAI R16-9 MINI EXCAVATOR

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2007 HYUNDAI R110D-7

2007 Hyundai R110D-7 excavator, 26235 lb. operating weight. Mitsubishi 94 horsepower engine, 20 inch tracks. Dozer blade, 32 inch bucket, 938 original hours.



HYUNDAI HX220L

Cummins OSB6.7 engine with 182 hp. 51500 lb. op. weight, 18'8" boom, 9'7" arm, 2-way aux., piping w/ proportional joystick control. Hyundai hvd., QC., AMI hvd. thumb. Hyundai 42" bucket, pattern change selector. valve, 32" triple grouser shoes, swing lock, RV camera. travel alarm. Hi-Mate remote management system, 620



2008 HYUNDAI ROBEX 210LC-7A

47840 lb. operating weight, Cummins QSB6.7 engine with 151 horsepower, 18'8" boom length, 9'7" arm, Auxiliary boom hydraulics, 32" track pads, Geith 42" tooth bucket, Geith hydraulic 4 tine thumb, 2 speed travel, Cab with heater & air conditioning, 2244 hours, COMING.







2017 HYUNDAI R80CR-9A

19290 lb. operating weight, Yanmar 66 hp engine, 2 speed travel, pilot controls w/ selectable control pattern, 18 inch rubber tracks, 7'3" long arm, heavy counterweight, deluxe cab w/ heat, AC, aux. boom hyd., dozer blade, hyd. pin grab coupler, hyd. thumb ..



2016 HYUNDAI HX300L

69780 lb. op. weight, Cummins QSB6.7 engine with 230 hp, 32" track pads, 20'6" boom, 10' arm, Intelligent Power Control w/ 3 Power modes, Engine Auto Idle, Heated Air Susp., seat, 8" LCD Display Monitor, RV camera, travel alarm, Auto Swing Brake, AMI heavy duty high capacity (2.38 cubic yard) 54 inch bucket with Spade teeth, 2072 \$229,000



2005 HYUNDAI HL760XTD-7

Cummins QSB5.9-C engine with 215 horsepower, 41000 lb. operating weight, Extended Reach model, Aeolus 23.5R25 tires, 4.25 yard material bucket with bolt-on cutting edge, Groenveld automatic greaser, Exterior mirrors, Auxiliary boom hydraulics, Heater & Air Conditioning, 13190 hours, COMING ...

Please welcome Michael Lettner our new CE specialist with Bob Mark New Holland covering our Campbellford & Napanee store locations. Michael looks forward to partnering with customers between Peterborough and Kingston, helping their bottom line with solutions from Hyundai & New Holland.

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New CAT tiltrotators bring added productivity and enhance attachment flexibility

CAT tiltrotators for tracked excavators of attachments by switching them out for oil to ensure positive lubrication in all operseamlessly integrate to the machine, are application and task appropriate purposes. easy to operate and, according to CAT, contribute up to 13% more productivity and are the operator to move materials out of the easy to operate.

The introduction of these models provides switching attachments. a portfolio of TRS for machines from 11 to 30 metric tons (24,250 to 66,140 lb).

360-degree bi-directional rotation and the ease of maintenance and operation 40-degree left and right tilt, allowing the features. machine to work from many different angles with less machine repositioning.

with pin-on or S-type coupler top interfaces and S-type coupler bottom interfaces.

Using a tiltrotator with a coupler top allows the operator to maximize the versatility

Also, an optional grapple module allows way, such as large rocks or pipe, without

gear box, single-point lubrication system The tiltrotators have the capability for and innovative control system, factor into

Long-term reliability and durability for the tiltrotators result from the heavy-duty TRS10, 14, 18, and 23 models are available bolted joint that secures the housing, rotator and coupler as a unit. The worm gear drive is designed with wide bearing surfaces that distribute excavation forces in all directions.

In addition, the gear drive is submersed in

ating conditions. Pins, shafts and bushings feature heavy duty construction, and the hydraulic rotator motor is protected inside the cast rotator housing.

Machine controls allow for simultaneous Key components, including an oil-filled tilt, rotation and machine movement. The short profile of the TRS unit helps maintain consistent breakout forces for digging experienced with a regular coupler.

> Tiltrotators also come with a variety of built-in safety features. The double-acting tilt cylinders have built-in load holding valves to keep the attachment secure to the unit in the event of a pressure loss. Additionally, operators remain inside the cab while switching attachments for using the optional grapple module to move heavy objects. ■





Hyundai Construction Equipment to invest \$170M, expand production capacity by 50%

Equipment Americas has announced that its parent

for increased efficiency.

company, Hyundai Con- company will increase its 2017. struction Equipment, plans capacity at Ulsan, its major its Ulsan factory to increase units of construction equipproduction capacity by 50 ment. This investment, to be percent and simplify its spread across four years, is

Hyundai Construction manufacturing processes the largest since the com- with Hyundai Doosan Inpany's launch as a newly fracore. With this investment, the established corporation in

"This increase in manuto invest US\$170 million in production base, to 15,000 facturing capability means that Hyundai will be able to address global growth in construction activity," said Stan Park, President, Hyundai Construction Equipment Americas. "For North America, this positions us to better meet demand arising from planned investments in infrastructure expansion."

Hyundai Construction Equipment's investment is production lines to maxi- factors mize and expand production capacity for excavators, wheel loaders and other types of construction equipment. Specifically, they will merge production and assembly functions from one factory into two, simplifying workflow processes, increasing efficiency and reducing logistics costs.

Choi Cheol-gun, CEO of HCE and a production expert in the area of construction equipment—who also heads Hyundai Heavy Industries Group's Global Production Innovation Center—recently declared the necessity of improving the efficiency of the Ulsan facility and set out to execute a plan to create both synergy and friendly competition

Choi said, "Strengthening the competitiveness of the Ulsan factory is the first challenge that needs to be addressed to reach the global top five," a stated goal of the construction equipment division of Hyundai Heavy Industries. "With this investment, we will further raise our brand competitiveness by producing and delivering construction equipment with increased efficiency."

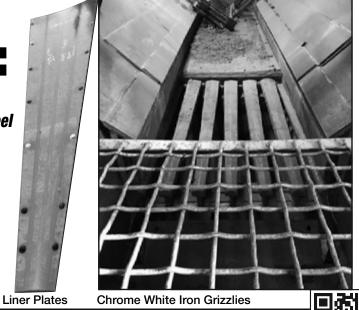
focused on restructuring New facilities to reflect ESG

Additionally, Hyundai **Construction Equipment** plans to reflect ESG (Environmental, Social and Governance) factors, through measures such as the use of eco-friendly sub-materials in interior and exterior finish work and configuring production lines in a way that further improves worker

This is in keeping with completion of construction last November, at a cost of US\$65 million, of HCE's technology innovation center. With 16 laboratories employing 100 researchers, the center will execute research and development projects focused on eco-friendly technologies, energy efficiency and noise reduction.



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Doosan Bobcat unveils fully-electric T7X compact track loader

Doosan Bobcat has unveiled all-electric technology of the a full day of operation durits new all-electric Bobcat T7X to help customers maxi-T7X compact track loader mize both sustainability and at CES 2022. According to productivity," said Scott Park, the company, the T7X is the president and CEO of Doosan first machine of its kind to Bobcat, Inc. "Our focus rebe fully electric, offering the mains on providing solutions full benefits of eliminating and products that empower hydraulic systems, compon- people to accomplish more ents, emissions and vibrations—all while providing cleaner, quieter machines.

forefront of innovation, and we are proud to debut the

and build a better world."

The Bobcat T7X is the world's first all-electric com-"Doosan Bobcat is at the pact track loader. It is fully battery-powered and it is built to be more productive and quieter. It features electric actuation and propulsion and is said to be more powerful than any diesel-fueled track loader that has come before it.

> "This machine is a technological feat for Bobcat and for the entire industry," said Joel Honeyman, vice president of global innovation at Doosan Bobcat. "We challenged the status quo to deliver a connected, all-electric machine designed for power and performance that previously was not possible. We are excited to share this advancement with the world and proud of the hard work that has gone into making this a reality."

Technology and design of the T7X

The traditional hydraulic work group has been completely replaced with an electrical drive system consisting of electric cylinders and electric drive motors, which eliminates almost all use of fluids. The T7X uses only one quart of eco-friendly coolant compared to 57 gallons of fluid in its diesel/ hydraulic equivalent model.

The all-electric platform enables instantaneous er. The T7X is an exciting power and peak torque step forward for the conavailable at every operating speed.

zero emissions and reduced noise and vibration attachments to empower the generated by the machine. machine for specific tasks. It works quietly and efficiently in noise sensitive include an electrically-powareas and indoors, which significantly lowers sound levels and improves the working environment. It can also significantly lower daily operating costs, when considering the reduction in annual maintenance costs and elimination of diesel, engine oil, diesel exhaust fluid and hydraulic parts.

At the heart of the T7X is a powerful 62KW lithium-ion battery from technology partner Green Machine Equipment, Inc. While applications vary, each charge can support common daily work operations and the use of intelligent work modes for up to four hours of con-

ing intermittent use. The intelligence of the power management system is programmed to sense when loads are increasing, automatically backing off power when not needed to preserve the total energy use and extend the machine's runtime.

While the new T7X is eco-designed, it is also a smart machine, featuring Bobcat's software connectivity and two-way telematics communications. The platform provides integral data about the performance of the machine, along with operator-focused data to change machine preferences, tune the performance to certain job situations and upgrade product features. This includes variable drive speed at full torque and other features not possible with a diesel hydraulic machine.

Doosan Bobcat collaborated with Moog Inc., a worldwide developer of motion control components and systems for industries ranging from aerospace and defense to construction, to speed up the pace of research and development for electronic control capabilities of the T7X.

"Like Doosan Bobcat, we believe that electrification, automation and connectivity go hand-in-hand," said Moog Inc. Chairman and CEO John Scannell. "We are proud to collaborate with Doosan Bobcat and bring our comprehensive set of electrification capabilities, including hardware and intelligent software, to the world's first all-electric loadstruction industry."

To accompany the T7X, The T7X operates with Bobcat will also introduce the world's first all-electric The first to be developed ered auger, an angle-broom and a grapple.

The Bobcat T7X was honoured with two 2022 CES Innovation Awards in the categories of Vehicle Intelligence & Transportation and Smart Cities. The CES Innovation Awards program recognizes honourees in a multitude of consumer technology product categories and distinguishes the highest rated in each. Products are reviewed and scored by an elite panel of judges of designers, engineers and members of the tech media based on design, functionality, consumer appeal, engineering and their positinuous operation time and tive impact on the world.

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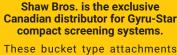
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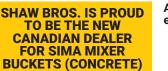
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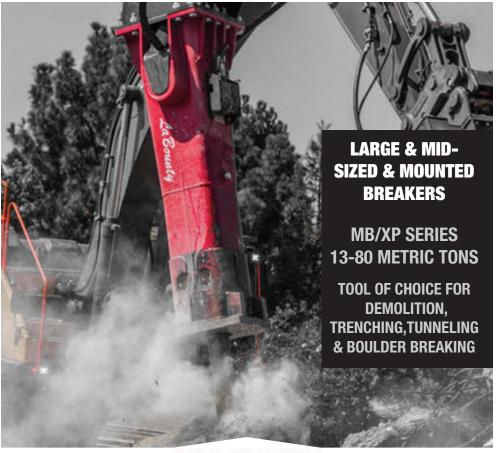
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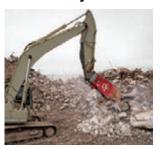
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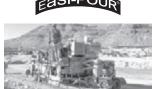




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Yanmar Compact Equipment adopts Premium Red globally

Yanmar Compact Equipment has adopted currently evaluating several alternative fuel the "Premium Red" paint color across all its and powertrain technologies and recently machines, globally. Premium Red machines were first introduced onto the North American market in 2020.

Now, this rollout sees Yanmar's EMEA (Europe, Middle East, Africa), AOLA (Asia excl. Japan, Oceania, Latin America) and Japanese markets completing the metamorphosis. The new Premium Red paint color brings Yanmar's compact equipment in line with Yanmar Group's image.

"Our dealers and our customers really like the new color," stated Jeff Pate, Director of Sales, Yanmar Compact Equipment North America. "Everyone feels that Premium Red attracts attention on the jobsite, and just as the quality and reliability of our products stand out from the competition, in a sea of yellow competitive machines in North America, our Premium Red color stands out too."

Yanmar believes that this shift from the simply a cosmetic color change. For Yanmar Compact Equipment, the symbolism of this change resonates on a deeper level.

"Yanmar Compact Equipment is on a journey of transformation," explains CEO, Giuliano Parodi, "We aim to be a global leader in Compact Equipment and with the help of our dealer partners, deliver sustainable business solutions for our customers and the societies in which they operate. Our acquisitions of the last few years are now fully integrated into a harmonized, Yanmar CE way of working, with common processes and customer focus right across our enlarged product and services portfolio. For us, Premium Red sends out a clear signal that we are one company, with a clear product strategy. But our transformation goes far eners, is to build stronger relationships and beyond our machines, we are challenging the way we think and the way we work, to transform our products, our business, and our brand to create even more value for our

In product transformation, Yanmar CE is our customers." ■

unveiled its first electric mini excavator prototype, the new SV17e. Featuring the new Premium Red color, the SV17e is aimed at customers in the European market in the 1.5 to 2.0 tonnes segment.

"Our prototype is significant because it demonstrates our capability to bring the quality and reliability of our highly respected conventional engine technology into the arena of electrification," explained Director Product Management EMEA, Cedric Durand.

In business transformation, Yanmar Compact Equipment is continuing to invest in manufacturing infrastructure and in expanding their global dealer network to increase the proximity to customers, reduce lead times and improve service. Seemingly, linked to these investments is a focus on improving customer experience.

"Our move to Premium Red across our well-known Yanmar yellow is more than machines certainly signals a change and we are confident that our customers will start to see other changes too," explained Elsie De Nys, Global Director Channel and Brand Development. "We have the ambition to be a leader, not only in machines but in the customer experience too and are working hard to get closer to our customers to identify new and innovative ways in which we can add value to them."

> According to the company, the change to the new Premium Red looks to herald a new confidence in the Yanmar Compact Equipment brand. It also coincides with the launch of its new tagline, Together We Build.

> "Our aim, together with our dealer partcreate even greater customer value," Parodi said. "Together We Build,' really underlines our commitment to transforming Yanmar CE and with the help of our dealers, to focus on creating a new and exciting experience for





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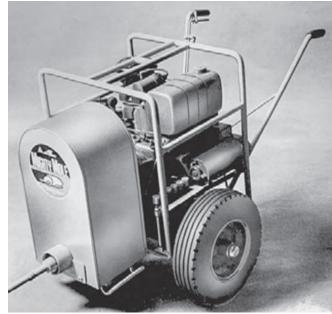
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McLaughlin achieves 100 years of equipment innovation and service

McLaughlin, a Vermeer Brand, was founded in 1921 and has proudly marked a century providing workable solutions for the construction, utility and trenchless industries. Today, the brand continues to innovate and expand the capabilities of auger boring equipment for customers worldwide.

"Through much of the McLaughlin company's 100year history, Vermeer and its network of dealers have been important partners," said Dave Gasmovic, business development manager for Vermeer MV Solutions. "That mutual commitment solidified when Vermeer acquired McLaughlin. Since then, we're proud to say that many of our original product lines have been incorporated into the Vermeer-branded product line-up".

McLaughlin's own roots go all the way back to the early part of the last century. After returning to the U.S. from service in World War I, ex-coal miner Joseph McLaughlin had an idea for a product that would simplify a coal miner's job and make the coal industry itself more productive. In 1921, in a rented space in Rockdale, Illinois, he began production of his innovative improvements to the mining auger, and the company that would become McLaughlin Group, Inc. was born.

of drilling tools to mines across the U.S. and was ready to expand its operations, moving into a new facility in Joliet, Illinois. In the 1960s, the company once again expanded, building a new, state-of-the-art facility in Plainfield, Illinois.

Even though Joseph McLaughlin passed away in 1964, the company continued to follow his innovative spirit and commitment to offering equipment that solves real-world challenges. "Innovation is in McLaughlin's DNA," said Gasmovic. "And, it's always been a guiding principle for the brand. For example, when, two large companies approached McLaughlin with a request to help solve the challenge of how to control the expense of residential underground utility installations, including the cost of surface restoration, McLaughlin was ready to respond.

Sunbelt Rentals announces commitment to Bobcat electric equipment

During the company's CES battery-electric technology Media Days news conference, Doosan Bobcat announced a strategic partnership with South Carolina-based Sunbelt Rentals, one of the largest rental North America with more than 1,025 locations.

Through this partnership, Sunbelt Rentals committed to a significant investment in a large fleet of Bobcat T7X all-electric compact track loaders and electric compact excavators in North America, which will be co-branded and made available in 2022 and beyond.

Sunbelt Rentals will be the al company to adopt Bobcat's al."

and make it available to customers, supporting the environmental, social and governance (ESG) focus for both companies.

"By making an investequipment companies in ment in this first-of-its-kind, all-electric technology, we support our ESG objectives of empowering our customers and communities with the availability of alternative rental solutions that reduce emissions and noise," said Brendan Horgan, CEO of Sunbelt Rentals. "Sunbelt Rentals is leading the implementation of electrified on-road and off-road products to unlock the ESG first national equipment rent-structural benefits of rent-

Company leadership began working on a new type of system that would drill under roads, driveways and sidewalks to allow installation of small diameter services. The resulting product was called the Mighty Mole, and it set the stage for McLaughlin's future success in the development and deployment of trenchless construction technology.

Continuing to grow its brand presence in the utility market, in 1970 McLaughlin bought Western Boring Equipment Company, an auger boring manufacturer. The purchase allowed McLaughlin to expand its business, and it gave them larger-diameter boring machines for an entirely new market.

This led to a decade of significant company growth and expansion. McLaughlin added plants in Greenville, S.C., and Arlington, Texas. The Texas facility began the redesign of their auger boring machines, particularly in regard to increases in thrust and horsepower.

When horizontal directional drilling began to take off in the late 1980s, McLaughlin saw the need for tracking and detection systems. The company brought to market the original Spot D Tek I. Development and improvements continued, and in the mid-1990s, the Verifier® G3 utility locator was introduced. "That same legacy lives on today By the early 1950s, McLaughlin was a leading supplier in the form of the Vermeer Verifier G3 utility locator," said Gasmovic.

> In 1999, Vacuum Source, Inc. was founded as a subsidiary of McLaughlin serving customers with a new line of vacuum excavation and sewer cleaning systems. In 2001, Vacuum Source was made a division of McLaughlin, and the products took on the McLaughlin brand name. A major milestone was reached for these products in 2006 when McLaughlin began manufacturing them for Vermeer.

In 2012, Vermeer bought a minority interest in McLaughlin, selling McLaughlin's vacuum excavators, utility locators, pneumatic piercing tools, core saws and auger boring equipment to contractors through the Vermeer dealer network. In 2017, after the synergies of the two companies were well-understood, Vermeer acquired the rest of McLaughlin. Then in 2018, Vermeer purchased Vac-Tron Equipment, LLC, and integrated the two companies' product lines as Vermeer MV Solutions.

Vermeer MV Solutions continues to produce the McLaughlin auger boring products and has introduced important innovations, like the Workhorse 225 and Workhorse 175 auger boring machines, to the trenchless industry.

The company continues to offer additional innovations to underscore the brand's commitment to continued progress. One example is the McLaughlin SRS (Steerable Rock System), the auger boring market's first steerable head designed to navigate through solid and severely fractured rock. Another is the On-Target Steering system (OTS), designed to work with any auger boring system ranging from 16 to 60 inches in diameter. It is designed to install on-grade/on-line casings in one pass compared to the multiple passes required with pilot tube guided boring.

"We've done all this while increasing our manufacturing capacity, service and support capabilities," said Gasmovic.

He finished: "Everything that McLaughlin has accomplished in the last 100 years has to provide innovative solutions to our customers' problems. So, although we are proud of our century of service, we are focused on the future—always working toward the next development that will benefit the industry." ■





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Cooper acquires EZE Rent-it and Stayner, celebrates golden anniversary

Cooper Equipment Rentals pricing and personalized I am confident they will help Limited has announced that customer service to Clearvit has acquired Eze Rent-It iew Township, Wasaga Beach, Centre in British Colum- Collingwood, Simcoe County, bia and Stayner Rental in Dufferin County, and Grey Ontario.

Established in 1986, EZE has three locations in the Fra- for our family, our staff and ser Valley area: Chilliwack, Aldergrove and Abbotsford. Over the past three decades, EZE has developed a reputation for reliable service and has established a loyal base of customers that rely on them to provide equipment rental the expansion of our opersolutions. Russ Walsh, a coowner of EZE, will assist in ensuring a smooth transition Doug Dougherty, CEO of of the acquisition over the Cooper. "Both EZE Rent-It a social media campaign next several months.

"Cooper Equipment Rentals shares the same core values as EZE and the Walsh family. We are so happy to have Cooper carry on our business where EZE has operated for 35 years. The future is bright for our team and the communities we operate in," said Russ Walsh.

Stayner was established in 1989 by Paul and Edina location, in Stayner, Ontario. Operating as a family a reputation for providing quality equipment, fair tion to the Cooper team, and

County.

"This is a great opportunity our customers," said Paul Van 50th Golden Anniversary by Staveren. "We feel the Cooper family will grow and transition our business and take it to the next level, creating greater opportunities for all."

"We are excited about ations in British Columbia and Southern Ontario," said Centre and Stayner Rental have built solid reputations in the markets they serve which reflect the values Cooper upholds, including best-in-class reliable service. These latest acquisitions move us closer to our goal of establishing a national network of branches where we can deliver industry leading service to customers throughout Canada."

"We are looking forward to Van Staveren and has one welcoming the solid team of rental professionals at both EZE and Stayner," said Coopbusiness, Stayner has built er President Darryl Cooper. "They will all be a great addi-

deliver the high level of service that Cooper customers across Canada have come to expect."

Cooper is celebrating its raising money for two worthy organizations—Steps for Life and Movember. Funds will be raised through rentals of 10 pieces of gold equipment that have been added to Cooper's fleet, including eight gold excavators, one gold trench shield, and one 6-inch pump.

The company will launch featuring the hashtag #spotcoopergold, with a prize sent to anyone who spots one of Cooper's gold pieces of equipment and posts a photo on social media with the hashtag. Fifty percent of the rental revenue from the gold equipment will be donated to Steps for Life, a fun 5km fundraising walk to help support families affected by workplace tragedy, and Movember, the leading charity changing the face of men's health, with a total fundraising goal of \$100,000. Vendor partners in Cooper's Golden Anniversary Campaign in-

clude Oaken Equipment and Brandt, who have stepped up to invest in painting the four Bobcat E50s and four John Deere 50Gs gold.

"The safety and well-being **Goldenanniversary campaign** of our employees and customers is always a top priority at Cooper, so we're excited about the Golden Equipment Campaign as a fun way for us to help raise much-needed funds and awareness for two charities that are close to our hearts," said Cooper grateful to our vendor partners, Oaken Equipment and Brandt, for being supportive and helping us get this campaign launched."

With the exception of the gold trench shield and 6-inch niversary Campaign goes pump, which will remain in beyond the gold equipment Ontario, one piece of gold equipment will be available in which Cooper operates— British Columbia, Northern Alberta, Southern Alberta, Ontario, Ottawa, Quebec and Atlantic Canada.

"This project is a fantastic way to mark Cooper Equipment's 50th anniversary," Semple. "Just like Cooper, the communities where we do business. We're proud to great causes."

"We're proud to have such a longstanding, trusted partnership with Cooper Equipment Rentals," said Oaken Equipment President we work so well togethtightly-aligned core values advance their careers." anchored in honesty, integ-

move the industry forward as Canada's preeminent rental company and we're thrilled to help them celebrate such a significant milestone."

Cooper's Golden Anfundraising, also including an initiative with the Canthroughout the eight regions adian Association for Women in Construction (CAWIC). Cooper will provide six bursaries of \$1,000 each for Northern Ontario, Southern Canadian women in each of the provinces it operates, to further their education or receive job skills training in the construction industry. This supports Cooper's ongoing said Brandt CEO Shaun commitment of encouraging women to join the industry Brandt has a long-standing and provide them with equal commitment to give back to opportunities within the Cooper family.

"We are lagging behind help raise funds for these two other industries when it comes to gender parity, but the truth is that businesses perform better when women are involved in leadership positions," said Dougherty. "I'm hopeful these bursaries Kai Sørensen. "The reason will provide six future leaders in our industry with the er is our companies have stepping-stone they need to

Cooper will also spend the rity and delivering on what we next year celebrating its 50th

CEO Doug Dougherty. "We're promise. Cooper continues to Anniversary with a monthly social media campaign that will give followers the opportunity to win Cooper swag. A big prize winner will be announced in September 2022, who will be the lucky recipient of four round-trip tickets to anywhere in Canada. In addition, all 55 Cooper branches will celebrate with an Open House on June 15, with customers treated to lunch.

> "Fifty years ago, my father started G. Cooper Equipment Rentals out of a job shack in the back of a contractor's yard. Never in his wildest dreams would he have envisioned this as a nationwide company stretching from the Atlantic to the Pacific coasts," said Cooper President Darryl Cooper. "This company was founded on the belief that our customers, employees and suppliers are our partners and that the company will only be successful when our partners are successful. These values still ring true today, and are a critical part of the foundation upon which the Cooper Difference is built. I say thank you to all the great employees, loyal customers and suppliers who have supported our journey over the past 50 years."

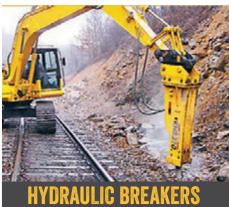


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Doosan partners with C&C Rentals to expand presence in Canadian market

Doosan Infracore North America is partnering with C&C Rentals to add a new authorized Doosan location in Brandon, Manitoba, Canada. The dealership serves customers in southwestern Manitoba.

C&C Rentals has served customers since 1965. According to Jordan Trotter, dealer principal, C&C Rentals saw an opportunity in the market and began offering Doosan® products in its equipment lineup this year.

natural progression to expand into heavy equipment," Jordan says. "And the obvious brand was Doosan."

area, C&C Rentals provides equipment sales and rentals to the agricultural market along with the traditional construction market.

According to Jordan, these markets are predominantly focused on using Doosan wheel loaders and crawler excavators in their line of work.

C&C Rentals offers Doosan crawler excavin Manitoba." ■



"We thought it was a natural step and a ators, wheel excavators and mini excavators; wheel loaders; log loaders; and material

The dealership also offers machine Located in a prairie-heavy geographic rentals, service and parts to provide its customers with a full-service experience.

"C&C Rentals has a long history of providing exceptional service to its customers," says Serge Gallant, regional manager, Doosan Infracore North America. "We're pleased to partner with the team at C&C Rentals to expand our Doosan footprint



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JANUARY 24, 2022 **■**J



DRILLING/PILING/FOUNDATIONS

PIER-LESS POWER

Remote-Controlled Demolition Equipment Solves Challenging Helical Pier Application

By Mike Martin, Vice President of Operations, Brokk Inc.

When it comes to fast, efficient deep foundation systems, helical piers are gaining traction with contractors across the country. This anchoring method offers minimal ground disturbance and leaves no spoils. There's also no cure time involved—unlike micro piles or other systems—allowing for immediate loading and accelerated project timelines.

However, achieving these benefits often comes with site-specific challenges, especially in retrofit applications. While helical piers might provide an ideal solution, finding electric equipment with the necessary power-to-weight ratio to access emission-restricted spaces, such as basements and older buildings with low floor loads, can

Service Co. faced on a recent warehouse retrofit near the city's The Hill neighborhood. The location required zero emissions, which limited the company's equipment selection.

The company turned to Brokk, the world leader in remote-controlled demolition robots, for a powerful electric solution. The Brokk 500 not only provided necessary torque, but also offered the maneuverability that helped Drilling Service Co. overcome several unforeseen challenges to complete the project on time and within budget.

Reputation for Innovative Tech Solutions

At first glance, the brief seemed straightforward—retrofit a 100-plus-year-old manufacturing facility to support new equipment with heavier loads than the building was designed for. However, site-specific challenges quickly piled up, resulting in a more complex project. The single-story warehouse—located in a traditionally industrial neighborhood near the river—likely sat on contaminated soil, requiring an installation method that limited spoils.

Additionally, the facility wouldn't allow the use of diesel-powered equipment within the building. This meant that even though there was plenty of room to maneuver larger diesel-powered equipment, the selected contractor would need to find an electric solution.

The project's general manager approached Drilling Service Co. based on their long history of delivering intelligent, efficient and effective underground solutions. The familyowned company, now in its third generation, has been serving the St. Louis area for 66 years. During that time, the company has invested heavily in people and cutting-edge technology, remaining at the forefront of the drilling industry by embracing new methods to provide safe, efficient results.

"Since our founding in 1955, Drilling Service Co. has always been focused on finding the very best way to do the work," said Kyle Murphy, project engineer for Drilling Service Co. "The business grew from there. People knew that they would be treated fairly and that we could be trusted to provide

cost-effective solutions for even the most challenging applications. We built relationships with general contractors across the region based on our integrity and ability to deliver innovative results."

For a company synonymous with quality, customer-focused solutions for drilled shafts, dewatering systems, earth retention, micro piles, rock anchors and more, the warehouse retrofit presented a unique opportunity to explore an exciting new process—robotic helical pier installation.

"At heart, we're a company of problem solvers who is always looking for new ways to increase safety and efficiency," Murphy said. "Everyone on the team brings their best ideas to the table. When we were approached with this project, we recognized it as an opportunity to explore new equipment options."

Installing helical piers requires a robust hy-It's a problem St. Louis-based Drilling draulic system and a specialized drive head that can provide not only downward force, but rotational pressure. Drilling Service Co. would traditionally run the drive head from the auxiliary hydraulics of a mini excavator or skid steer, but with the zero-emission requirement, they knew they'd have to come up with a creative solution.

The project required driving large helical piers-4.5-inch-diameter (11.4-centimeter-diameter) pipe with a 16-inch-diameter (40.6-centimeter-diameter) helical plate— 20-25 feet (6.1-7.6 meters) down to refuse on bedrock. After establishing the required loads, they reached out to Ideal Group, the helical pier designer and manufacturer, to discuss equipment options.

"Ideal connected us with Brokk," Murphy said. "They were using a Brokk 520D, weighing in at approximately 12,000 pounds, to test their larger helical piers in confined spaces. Not only did it provide the necessary torque, but the unique arm design meant it still had enough downward pressure to operate in low-overhead situations, like a basement. That wasn't one of our concerns with this particular project, but the electric operation was."

Drilling Service Co. worked with Brokk to arrange a one-month rental of a Brokk 500. Ideal Group provided a Digga with a 30ADS anchor drive head and custom mounting bracket that allowed the Brokk to deliver.

With the rental, Brokk provided training for Drilling Service Co. employees at their St. Joseph, Missouri, demonstration and service center.

The Drilling Service Co. team had extensive experience with hydraulic drilling equipment, which gave them some familiarity with the basic functions. However, working with the Brokk robot's remote operation gave them a new perspective, allowing them to stand back and observe installation from a safe distance. The training covered specifics of the Brokk machine including maneuvering it, setting the outriggers, operating the arm and running the drive head.

Work Begins

With its team trained and the helical piers delivered, Drilling Service Co. was ready to







get to work. The general contractor started by saw cutting an approximately 2-foot-wide section in the 6-inch-thick (15-centimeter) floor slab running the length of each new grade beam to expose the soil below. However, plans quickly hit a snag when the crew discovered a layer of urban rubble less than a foot below the slab.

"We were surprised to find grapefruit- to beachball-sized fragments of cement, brick and old rebar from demolished buildings," said Mat Boster, project superintendent for Drilling Service Co. "The helical only has a small pitch. It could have advanced through gravel sized rubble, but this was too large."

Drilling Service Co. quickly revised their plan. Before installing the piers, they needed to pre-drill holes through the rubble, which was between 10-12 feet (3-3.7 meters) thick. Attaching a 16-inch-diamter (40.6-centimeter-diameter) core barrel and auger to the drive head, the team simply used the Brokk to drill through the rubble to the soil below.

"The Brokk worked great for pre-drilling," Boster said. "It cut through the rubble quickly, so we didn't lose much time, and had more than enough power for this application as well as driving the helical piers."

Once the Brokk created a void through the rubble, the lead of the helical pier was driven through the soil below until it reached

bedrock. 5- and 10-foot (1.5- and 3-meter) sections were added as installation progressed with the team constantly monitoring the drive head and hydraulic pressure for optimal torque output.

The Brokk 500's 23-foot (7-meter) reach allowed the team to access helical pier locations that would have been challenging with traditional monoboom equipment. This included reaching up, over or around existing equipment in the building when necessary. Brokk's 41kW motor was easily powered by a 100kW generator positioned outside the building.

With pier installation complete, Drilling Service Co. capped the end of each pipe. The general contractor then cast the capped pipe into a grade beam that was reinforced with rebar, becoming the foundation for the facility's new equipment.

More than half of the 46 helical pier positions needed to be pre-drilled. Thanks to the professionalism of the team and the versatility of the Brokk, the work progressed quickly, allowing Drilling Service Co. to complete the entire project in just three weeks. With a week left on their rental, the contractor was able to complete another helical pier installation, this time at a St. Louis landmark.

Continued on B6



(L to R) Brandon Dunsby, Chelsea Steele, Dale Dunsby, Cindy Dunsby of North Kawartha Property Maintenance and Ryan Di Bello, sales specialist for Bobcat of Peterborough

North Kawartha Property Maintenance (NKP) owned and operated by Dale and Cindy Dunsby, formerly Advantage Disaster Restoration for 23 years, serving the insurance industry operating as a full-service restoration company covering the Peterborough and Kawartha Lakes areas. Today their company offers the same services plus services related to building/ property maintenance, mostly focusing on interior cleaning of cottages teaming up with Air BNB hosts and lawn maintenance.

The family business strives on honesty and integrity, their client's needs are always a priority. They will never rush a job or cut corners, and there is only one way to do a job and that is the right way, they go the extra mile to ensure their customer's are extremely happy. Being a family-based business, the family helps whenever they can. Their son Brandon was working full-time with the township, as well as giving many hours to help with his parent's business. Along with Brandon's partner Chelsea, who has experience in many areas and is always smiling.

About a year ago, Dale purchased a Bobcat® excavator to do some work on his family's 75-acre



property. Their son Brandon who has been operating excavators since the age of 14 was going to do some part-time work excavating their land with it including but not limited to woodcutting/processing/clearing/ road building and grading for drainage. This is when their business really took off. Once they owned their new Bobcat E-42 compact excavator they started getting requests for more and more work requiring the excavator. This summer they shifted from fiveday grass cutting to two days grass cutting and 4 days excavating.

NKP has now expanded to providing customers with excavating, landscaping design and implementation, concrete design and contracting, specializing in grading/drainage, basement waterproofing, foundations for garages and shoreline erosion control etc. Brandon is attending a course that will license him to design and install septic systems moving into the spring of 2022.

Brandon originally connected with Ryan Di Bello, sales specialist for Bobcat of Peterborough trying to convince his dad he should take a look at what Ryan had to offer. Dale says he sure is glad Brandon did this, stating "Ryan promised us service. I told him we cannot afford a breakdown. Far beyond service is what we got. We got a specialist who cares. He had the service tech come right to us to do an oil change. In any industry, it is hard to find people who do things the right way. I have had good service before but never as personable as Ryan." The Dunsby's also added "we are extremely happy. Ryan goes above and beyond the call of duty and he does this naturally because he is who he is. Ryan is educated and knowledgeable when it comes to his machinery and associated products. He is very diligent and fun to work with."

"We have used other brands in the past, but hands down Bobcat makes a machine that out-digs the competition! The lifting capacity is tons more and very smooth," stated Dale. After renting a Bobcat compact track loader to move material around a job site, prompted Brandon to call Ryan and give him the heads up that Dale wanted one and that they we going to work towards purchasing one in a year or so. Brandon and Ryan chuckled because NKP called a week later to purchase a new Bobcat T66 compact track loader as they knew they couldn't do their job properly without it. Brandon loves the Bobcat Flail Mower attachment stating, "It's just what we needed. After we leave a job site you would never know machinery was onsite, it mulches everything away makes a big difference defining professionalism."

We would not hesitate to recommend Ryan Di Bello, sales specialist for Bobcat of Peterborough and to purchase Bobcat machines for your next machine purchase. You will ask yourself why you didn't do it sooner.

Thank you, Dale, Cindy, Brandon and Chelsea.



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JANUARY 24, 2022 **■**J

KLEMM launches KR 800-3G universal drilling rig

weight of 10 tons and an KLEMM 800 series.

Based on a pendulum compact dimensions, a powerful powertrain and flexible kinematics. With a total width of only 1.8 m, an option of mounting various rotary heads or hydraulic drifters—for both single and double-head drilling—the KR 800-3G meets the wide range of the requirements of drilling in confined spaces.

The drill rig can be used for installing micro-piles, anchors and soil nails, and for the purpose of underpinning, and other types of injection drilling.

The heart of the newly developed kinematics is a so-called "Rollover," which is works as a link between the main boom and the mast carrier including the mast.

The Rollover enables anchor drill positions at angles of between 0° and 90° in directions both transverse to

rig in its compact product When drilling purely ver- lines, any mast adjustments of the drill rig. range. With an operating tically, drilling points up to can take place directly on the approximately 400 mm away building site with relatively PowerSharing, which is deon-board diesel engine, the from the outer edge of the little effort. KR 800-3G is the lightest tracks can be reached. This and smallest model in the keeps to a minimum the kN, the new Type 162-3 drill maneuvers required for the mast system offers sufficient rig to reach the next drilling chassis, the KR 800-3G has point - which is an important advantage for drilling efficiency, especially when drilling micro-piles.

and an extension. Attached different overall lengths between 3,350 mm and 5,000 mast length can be individually configured to suit both be provided. the confined conditions of the drilling project, and the complies with EUV and Tier different drilling methods 4f emissions standards. required to fulfill the job at hand.

The energy chain can be a rotation gear with endless repositioned as one unit and rotation. This rotation gear can therefore be adjusted to fers up to five pumps, two fit to the selected drill mast of which are load-sensing, length. This avoids any pro-making it optimal for the eftrusion beyond the end of ficient operation of several the mast therefore avoiding main consumers at differthe danger of collision with, ent pressure levels. CAN-bus for example, any other build- driven control blocks with

With a retraction force of 60 reserves for larger drilling diameters of up to 10" and is suitable for more demanding geological conditions.

Using the remote control A further advantage is the unit with display, the drill adjustable mast for differ- new mast concept, which is operator can always assume ent stroke lengths, and the made up of a base element a safe working position around the drilling rig. The to the mast is a modular, high functional safety of the easy to adjust clamping and control concept ensures that breaking unit which enables operator safety is provided the mast to be set up in six in accordance with the requirements of EN 16228. In addition, a separating device mm. This means that the for protection against moving parts in the work process can

The 100 kW diesel engine

A version with EU IIIA emissions standard (90 kW power class) is also available.

The hydraulic system ofings or building equipment. high precision control and

KLEMM has introduced the the direction of travel, and As there is no need for the reproducibility ensure ac-KR 800-3G, the latest drill in the direction of travel. reconnection of hydraulic curate and precise handling

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Fundex Equipment to offer Trimble Groundworks piling rig guidance

option on Fundex Equipment foundation machines.

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"Trimble Groundworks increases the value of our equipment for our customers," said Anton Hectors, manager E-systems, Fundex Equipment. "Thanks to integration of the machine control system with our Fundex Equipment foundation machines, operators can drive piles more efficiently and with higher quality."

"Both Trimble and Fundex have a long history of providing innovative solutions for piling operations,"

ment have announced all manager of Trimble's to the required depth. The ling worksites safer. the availability of Trim- Civil Construction Solu- Auto-Stop feature eliminble Groundworks piling tions Division. "Trimble ates over/under drilling for operators to create an machine guidance as an Groundworks technology and reduces machine wear on Fundex Equipment and tear. Foundation machines will Trimble Groundworks is a enable our customers to Safer piling workflows 3D machine control system maximize piling productivfor piling rigs that improves ity and safety to new levels, efficiency and reduces with a reliable and accurate Center software, adminis-

3D Guidance

used with Trimble Business trators can set avoidance zones in the design file. This can alert the operator of Trimble Groundworks areas to reduce blind spots. provides accurate piling In addition, Groundworks depth, direction and drill reduces the need for sur- installed option from Funhole calculation, enabling veyors and support staff to dex Equipment.

Trimble and Fundex Equip- said Kevin Garcia, gener- operators to drill exactly be near the machine, mak-

Groundworks allows in-field stake-less piling design and export layout and as-built reports.

These reports meet the When Groundworks is International Rock Excavation Data Exchange Standard (IREDES) for workflows for machine and software interoperability.

Trimble Groundworks piling machine guidance is available now as a factory



Continued from B3 - Remote controlled demolition equipment solves

Piling on the Projects

new jobsite.

The crew could only The Muny, a permanent access the elevator shaft outdoor theater in Forest through a narrow pergola, Park which hosted its first so the compact size of the production in 1916, was in- Brokk, with 5-foot, 3-inch stalling an elevator as part of a transport width, provided larger renovation project. The a huge benefit. Additionproject required 17 helical ally, the impressive reach piers of the same size Drilling and maneuverability of the Service Co. was using on the Brokk's three-part arm inwarehouse retrofit. With the creased efficiency, allowing Brokk already equipped with Drilling Service Co. to access the drive head, the team was several piers from a single able to quickly relocate to the spot. This minimized ma-

confined space.

"With the highly versatile arm, we were able to work in the restricted height conditions with no problem," Murphy said. "The only challenge was increasing the in five minutes," Murphy drive head torque to 20,000 foot-pounds to achieve the minimum torque requirement prescribed by the helical pier designer."

chine repositioning in the all. A quick call to Brokk's

service center in St. Joseph, and Randy Glidewell, one of Brokk's technicians, was walking them through the procedure via a video chat.

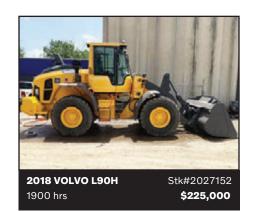
"We were up and running said. "Randy provided detailed instruction, down to the exact size Allen wrench we'd need. As a company that values strong custom-Although, this turned er-focused relationships, out to be no challenge at that level of professionalism and service meant a lot. Working with Brokk was

> The Muny project finished up after a week and Drilling Service Co. retuned the Brokk 500—until the next

"We're definitely on the lookout for a chance to partner with Brokk again," Murphy said. "The electric operation and power-toweight ratio make it ideal for restoration and retrofitting applications. Plus, we're always excited to work with companies that share our belief in integrity, safety and strong relationships. It's just a matter of time before we're integrating this cutting-edge technology into our process."



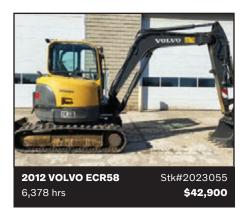
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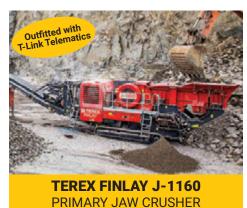








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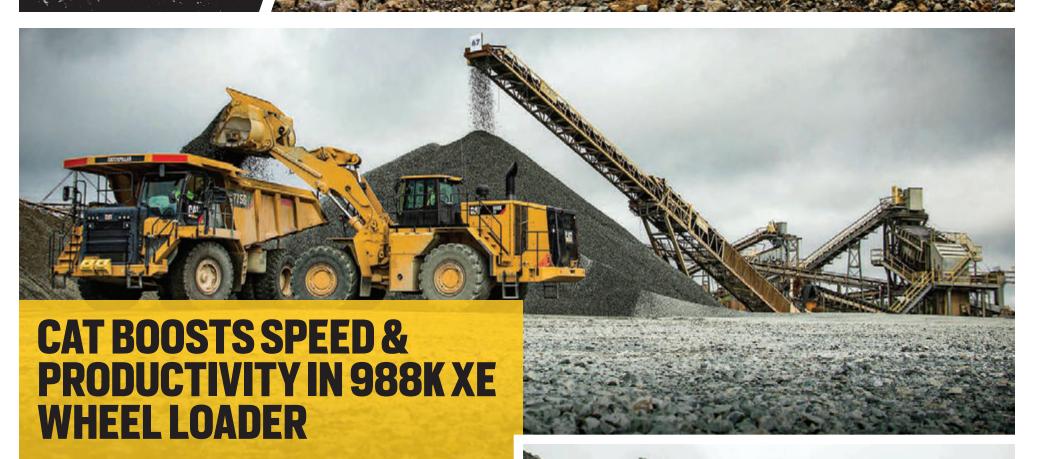


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The updated design improves cycle times in load and carry applications, while an optional counterweight increases stability and offers faster maneuverability with these tasks.

A new Go-Pedal for the 988K XE features three dynamic breaking levels to give operators easier single right-hand pedal operation. Standard Tire Slip Prevention to the 988K. reduces tire slip and wear to increase tire life and lower owning costs.

New optional CAT Autodig features simplify the digging phase to increase dig cycle optimization by up to 10%. Further reducing tire slip and wear, Auto Set Tires sets the front tires to promote proper loading techniques. Lift stall prevention technology automatically manages rimpull in-dig to prevent hydraulic stall while lifting through the face, so the 988K XE spends less time in the pile.

new available CAT Operator Coaching helps ation, and the system delivers precise machine Productivity technology, the 988K XE provides (51.6-ton) CAT 772G. Its high-lift configuraincrease machine efficiency and delivers control with minimal arm movements to in-comprehensive actionable payload information delivers 5-pass loading of the 55.3-tonne up to 15% faster cycle times and 10% better crease comfort and improve loading accuracy bucket fill factors. Among other procedures, and efficiency.

Updates to the CAT 988K XE deliver up it shows how to properly shorten travel, avoid to 10% faster downhill speed, improved unracking in-dig, enter the pile with a level rimpull and increased hydraulic breakout bucket, reduce the dump height and use the kickout. The coaching feedback also results in up to 15% less fuel consumption.

Increased efficiency

The field-proven switch reluctance electric drive technology of the 988K XE increases overall efficiency by 25% and face-loading application efficiency by up to 49% compared

Economy mode operation reduces rated speed of the durable CAT C18 engine to further reduce fuel consumption. Increased hydraulic speed and faster cycle times achieved by the 988K XE decrease idle time and fuel burn to increase loader efficiency.

Greenhouse gas reductions through operdrive model are equivalent to up to 1 year of electricity use for nearly 10 homes.

A new steering and integrated control Teaching proper operating techniques, (STIC™) valve offer up to 47% quieter oper-

Modulating the left pedal from 100% to 25%, the new rimpull control system (RSC) reduces the potential for wheel slippage without reducing hydraulic efficiency. The loader's new positive flow control (PFC) hydraulic system increases efficiency, bucket feel and responsiveness to deliver consistent

With data displayed inside the cabin in ating the electric drive versus the mechanical real-time, available CAT Payload on the 988K XE provides accurate weighing of loaded materials to improve truck loading efficiency by reducing overloading and underloading.

> tion to help improve operational productivity (61-ton) CAT 773G and 6-pass loading of the and profitability.

With standard CAT Vision to enhance visibility behind the loader, the 988K XE features 43-degree steering articulation to achieve precise positioning in tight areas for efficient truck loading.

The loader offers a rated payload of 11.3 tonnes (12.5 tons) when working with face material and 14.5 tonnes (16 tons) with loose material and can be equipped with a range of buckets with capacities from 4.7-13 m3 (6.2-17 yd3).

It is performance-matched to offer efficient 3-pass loading of the 38.2-tonne (42.1-ton) When combined with optional Advanced CAT 770G and 4-pass loading of the 46.8-tonne 64-tonne (70.5-ton) CAT 775G.

CAT Self-Service Options deliver convenient parts ordering and machine repair

plifies the repair process for customers who prefer to complete in their fleet. The customizable to the machine model and neces-SSO solutions include the parts, instructions and recommended tooling for completing specific service work on hundreds of Products (BCP) machines. The guidance. All required and special the customer's service tech runs range of CAT machines the SSO

With new CAT Self-Service new solutions are designed for a tooling to complete the repair are into a question while complet- covers include compact track, skid Options (SSO), Caterpillar sim- range of common repairs for CAT recommended as an optional ing the repair, dealer technical steer and multi-terrain loaders,

> languages, step-by-step service production schedule. instructions guide the service tech

and minor repairs on equipment new and remanufactured, specific ing customers need to efficiently not want to handle internally, complete the repair by themselves the dealer will be available to sary repair. Available in multiple and at a time convenient for the complete it.

CAT Building & Construction safety and contamination control repair and for customization. If to additional models in 2022. The be developed.

purchase as a part of the package. representatives are available for compact wheel loaders, backhoe Each SSO starts with a pre- Each SSO can be customized to support. If the repair turns into loaders, mini hydraulic excavtheir own routine maintenance defined list of genuine CAT parts, include only the parts and tool-something the customer does ators, small wheel loaders, small dozers, and telehandlers. The type of repairs covered include minor engine bolt-ons, service brakes for SSOs have been developed for drivetrains, hydraulics and imple-CAT dealers provide guidance over 300 BCP models and Cater-ment controls. As CAT machines through the repair and include on selecting the right SSO for the pillar plans to expand the offerings are introduced, new CAT SSOs will



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JANUARY 24, 2022



MWS Equipment launches new Smart SCLPR 105

tion to its product port- product applications across range in the new year." folio, the SCLPR 105 static scalper.

This MWS Scalping screen is designed to handle a range of products from construction, demolition, industrial waste and heavy quarry outputs to finer soil applications.

The SCLPR range is fully compatible with the MWS product range allowing it to integrate seamlessly into any wet processing plant. The SCLPR can be used in a range of applications to screen off any oversize or heavy clay bound materials prior to the washing process. According to MWS, this helps to improve the wash plant's efficiency and increase the lifespan of the plant and its components.

The company claims that the significant benefits of the SCLPR 105 include a high capacity feed hopper, variable speed control, independent or integrated control panel and customisable conveyors to suit the individual application.

The SCLPR 105 is a fully-electric machine and, according to MWS, maximizes the customer's return on their investment. The control system incorporates several features to improve both the operational effectiveness and overall machine safety.

The SCLPR 105 features include:

- 12 x 4.5 m heavy duty high energy 2 bearing screen box
- Direct feed Hardox-lined hopper
- Fixed access walkways
- 2-3 product configur-
- Variable speed control on feed conveyor
- Containerised transport

Ben Frettsome, Product Line Director, MWS Equipment commented, "We have had a busy year of new product development. This new product range follows a stringent and strenuous development cycle, which has seen the

MWS Equipment has machines tested and proven the globe. We will be adding

announced the latest addi- in challenging and diverse additional products to this



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Haver & Boecker engineers new vibrating screen for high-moisture applications

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ing water usage.

The XL-Class runs in an to ensure stratification in all phases of screening. The new

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that offers a bearing life up to 75,000 hours.

"We are dedicated to using The new technology is ideal 6g in a high-moisture iron innovative technological customers' daily processes," said Denilson Moreno, handle capacities up to 3,500 vibrating screen also features Haver & Boecker Niagara sales manager. "Our new XL-Class design is a prime example of that. The vibrating screen's unique elliptical movement maintains unrivaled screening performance when market. processing high-moisture materials."

Iron ore, for example, contains up to 15% moisture, and often behaves like a pasty, clay-like material, prone to blinding on a screen deck. The elliptical movement motion and increased acceleration of material is stratifying without blinding or contamination.

The elliptical motion XL-

available in a wide-range of weight of any oversized comsizes, in either a single module ponents. or tandem design.

Each elliptical XL-Class machine is custom-designed to improve the outcome with to the operation's specific high-moisture applications is application using Finite Element Analysis (FEA), which that is not only beneficial to measures high stress areas this customer, but operations and natural frequencies of around the world," Moreno a vibrating screen.

The analysis helps enthe XL-Class ensures that the gineers optimize machine elliptical XL-Class with performance by giving them the company's signature the information they need to Ty-Deck Ultra modular processing solutions, visit determine where to reinforce screen media to maximize haverniagara.com.

According to the company, Haver & Boecker Niagara its 15 years of FEA and exfor screening applications ore screening application solutions to enhance our manufacturers its own brand perimental measurement of Niagara Exciter technology experience—and nearly that functions as the drive 400 high-capacity vibrating system for all elliptical XL- screens supplied to the global Class vibrating screens. The market—lend to its ability bridge-mounted exciters to engineer high-capacity are available in five differ- vibrating screens that offer ent sizes and offer the largest easy operation, low mainstatic moment range on the tenance and unmatched iron ore. reliability.

> "The machine's capability a revolutionary development

tons per hour while minimiz- a robust elliptical exciter drive Class vibrating screen is critical areas and reduce the the screening efficiency of high-moisture material and address its challenges. Ty-Deck Ultra's accelerated screening action cleans material without the use of water, therefore reducing the need for tailing dams. With a 50% longer wear life than the original Ty-Deck, the screen media panels are an ideal choice for screening high moisture materials, such as

> The elliptical XL-Class was strategically engineered to handle high tonnage production rates with natural moisture, yet designed for low maintenance, easy operation and unmatched reliability. For more infor-Operations can pair the mation about this product or Haver & Boecker Niagara's wide range of other mineral



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LOOKING BACK AT AGGREGATE



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By HCEA Canada



county had commissioned a local Goderich, Ontario machinist turned inventor, Thomas Sandy, to build a crusher that was portable the aggregate bin. enough for use in local gravel pits.

at Goderich harbour requiring repairs. Undaunted, he took on the crusher project using what spare parts were available on site.

manufacture 30 crushers. There is only one remaining that's operational. HCEA Canada member and well-known aggregate industry veteran, Dalton Lowe of Stayner, Sandy crusher and demonstrates it at HCEA's be sure to attend the Historical Construction 60 kW (80 hp).

Sandy's initial crusher version was based on a well-used 1920s truck chassis complete to provide power to the belt drives on the Partner of the Simcoe County Museum.

Pictured here, in 1934, is a portable crusher crusher, rotating screen and the folding on the move in Ontario's Huron County. The belt-conveyor. Seen here relocating to another pit, the crusher had to be assisted by a county dump truck which was transporting

Thomas Sandy, among many others of the Sandy's machine shop had started out era, was a Canadian machinery innovator. servicing Great Lake freighters that docked He had several U.S. & Canadian patents and had built a one-off truck-mounted cable shovel for use on local jobs.

HCEA Canada is looking forward to its From this prototype, Sandy went on to 2022 events if the pandemic restrictions have been lifted.

> For updates, please check the website www.hceacanada.org

To see more than 60 restored pieces of Ontario, has restored his 1940s era updated vintage construction equipment in action events. Powered by an International UD 14 Equipment Association (HCEA Canada) four-cylinder diesel engine—it was rated at events: 'Wheels & Tracks in Motion' at the County Museum near Barrie held in June and the 'Last Blast' in October.

Both events are held at the Simcoe County with hard tires. The driveline was modified Museum. HCEA Canada is a proud Heritage

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Joseph Huling to manage Takeuchi's Technical Service Training Department

pany's Technical Service Training Department.

manager before being prowarranty manager in early

In his expanded role as national service and training the company's corporate sales efforts by providing exceptional product, training and include developing curricu-

service and warranty man- and distributors, as well as methods, scheduling training, ager for Takeuchi-US, is now for customers who own and

working with our technical Huling joined Takeuchi training team to help our stuin 2017 as a regional service dents develop and improve their technical skillsets," moted to national service and Huling said. "We want to provide them with the knowledge and experience they and maintain both current knowledge and excellent relamanager, Huling will support and next-generation Takeuchi machines."

Huling's responsibilities

managing the technical trainalso overseeing the com- operate Takeuchi equipment. ing team and ensuring that "I'm looking forward to the new Takeuchi Global University continues to grow and improve. He will also create the future.

> "Joseph has demonstrattionship-building skills since he joined us back in 2017," said Jeff Stewart, president of Takeuchi-US. "He is also

Joseph Huling, the national support for Takeuchi's dealers lums, improving training very customer-centric, which small commercial equipis particularly important ment from various national when it comes to developing brands. His other past roles new products and training include positions as a service programs. All in all, Joseph technician for a power equippossesses the qualities we ment dealer and as a service need in a national training manager for a cold storage a structure and foundation and service manager, and that will help Takeuchi offer we look forward to seeing advanced training courses in what he can accomplish in ed what it takes to provide his new role."

> Before joining Takeuchi, need to efficiently service ed a high level of technical Huling was the general manager of Star Equipment and ity and overall satisfaction," Rental in Mount Airy, Georgia where he gained valuable experience in selling, renting and servicing residential and is to continue building Take-

operation.

"Over the years, I've learnhigh-quality service and how to come up with solutions that enhance customer productivsaid Huling. "I'm excited to take on this new challenge with Takeuchi, and my goal



Joseph Huling

uchi's reputation for excellent customer support by providing the best training and service available in the compact equipment industry."

LiuGong North America reveals changes to executive personnel and structure

LiuGong North America is start- New Vice Presidents ing 2022 with an enhanced top and customer base.

dealers and customers going into tural segments. 2022," said Andrew Ryan, Presi-"These individuals have earned their new positions and are tasked with helping us continue to grow 2021."

Chris Saucedo has been prolevel organizational structure as moted to Senior Vice President, to grow both its dealer network Saucedo will lead LiuGong North America's go-to-market strategy "These organizational enhance- and will focus on products, proments were made to ensure our motions, and product support in LiuGong North America team is the rental, quarry and aggregates, best positioned to support our forestry, industrial, and agricul-

Michel Marchand will assume dent, LiuGong North America. the role of Vice President of Sales for the United States and Canada. Marchand will be responsible for sales, while also providing leader-

ship for LiuGong North America's for all material handling equip- tomer Operational Readiness new dealer recruitment efforts.

new Vice President of Finance and Supply Chain. Gang will lead Liuoperations, sales and operational planning, and human resources America and will be responsible enhance the customer experience. teams with a focus on continuous for all construction equipment process improvement and process and associated work tool and Director of Technical Solutions. automation.

New Directors

Jared Ward has been promoted all construction equipment and to the newly created position of in various markets after a great associated work tool and parts Director for Material Handling Sales. Ward will be responsible

parts sales in these markets.

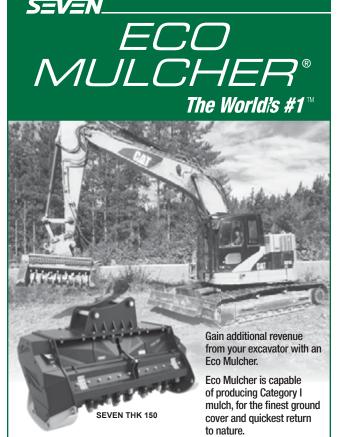
also created two new director teams and work to transform the roles as part of Saucedo's team.

Director, CORE Team. CORE is and provide product improvean acronym that stands for Cusments.

broader industry.

ment and associated parts sales and Enrichment. Ternes will Additionally, LiuGong North in all LiuGong North America's lead a field-based team focused the company continues its efforts Strategy & Customer Solutions. America welcomes Jin Gang as markets, including Mexico, the on growing the LiuGong North Caribbean and Central America. America dealer network and will Steve Smith will continue in his be responsible for developing Gong's finance, accounting, parts role as Director of Sales for Mex- and executing programs and inico, the Caribbean and Central itiatives to aid those dealers and

> Jim Westlake has been named Westlake will collaborate with LiuGong North America has LiuGong.'s global engineering technical support process to assist Sam Ternes has been named dealers, solve technical issues,



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Associated Equipment Dis-Relations. Mike, previously adian members and the tributors (AED) has pro- a Senior Regional Manager moted Michael Dexter to with the organization, will

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Mike has been with AED Vice President of Canadian now have an expanded role for seven years, joining the Engagement and Board engaging with AED's Can- international trade association after working at the **Tooling & Manufacturing** Association and other roles in the manufacturing sector.

"In my expanded role, I look forward to applying my expertise and skills to helping AED grow its membership in Canada and continue to provide value to the equipment industry," said Mike. He looks forward to also working on Canadian policy issues in Ottawa and assisting the AED Founda-



Michael Dexter

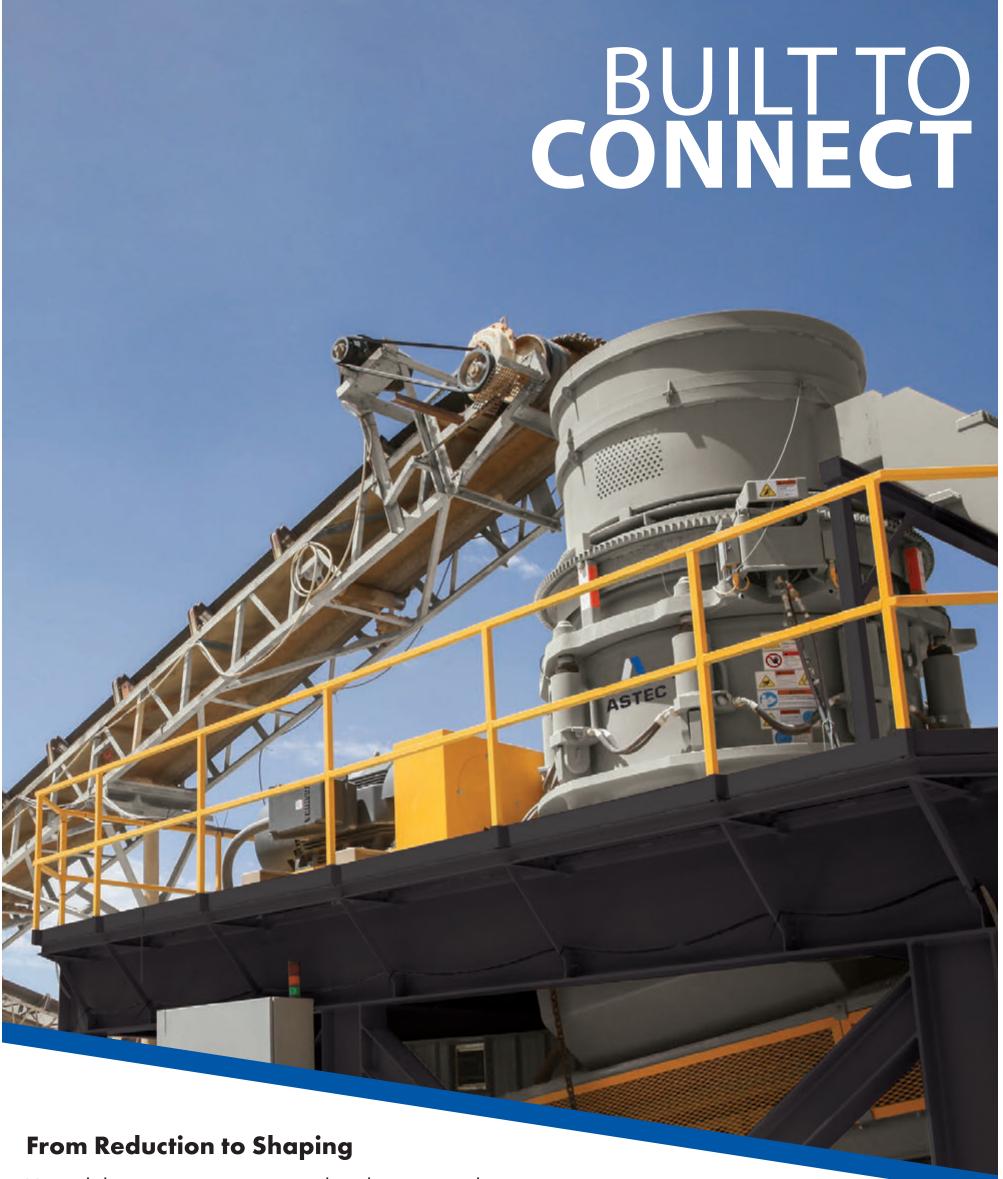
tion in accrediting diesel equipment technology programs across the country.



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