EQUIPMENT JOURNAL

ISSUE

FOCUS: AGGREGATES/QUARRIES & ATTACHMENTS





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Bobcat unveils new electric excavator





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ISSUE 15 November 14, 2022

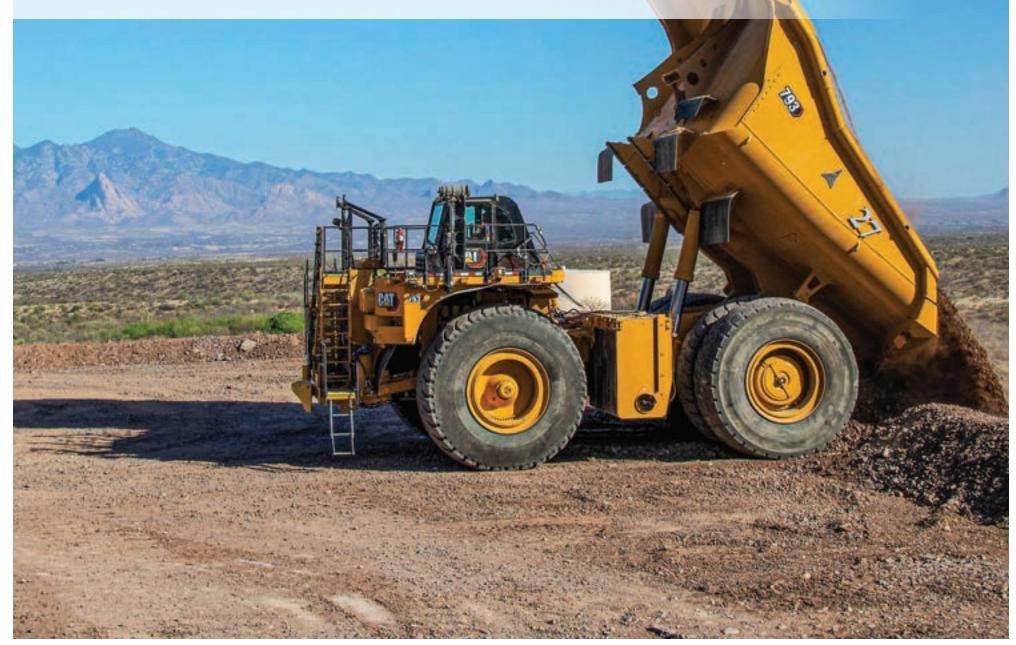
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AGGREGATE & QUARRIES

NOVEMBER 14, 2022 ADVERTISER INDEX NOVEMBER 14/2022 Alden Rents A1 Am Cast Canada Industries A16 Astec B16 Bob Mark New Holland A17 Bull Powertrain B11 Canadian Concrete Expo.......B10 ConExpo B2 Converterman......B11 Creighton Rock Drill Limited.......A1,A14,B21 Delta Power Equipment.......A1 Doosan A19 Expo Grands Travaux..... B17 Flo Components......B8 Gear Equipment.......B20 Greyrock Equipment B5 Hood Equipment A10 Hub Equipment......B24 HydrolexcB13 Hyundai Dealers B12 Jade Equipment......B7 J.R. Brisson/Longus B23 JT Equipment A4 Liebherr.....B8,B9 LSW Wear Parts Ltd. A10 Lubecore B18 Magnum Attachments......B7 Marcel Equipment Limited A1,A6 McDowell B Equipment Ltd.......A1,A8 OBW Equipment......A1 Olofsfors/Hultdins B5 Pine Ridge Lisco Edwards A22 Rokbak A11 Sennebogen B19 Shaw Bros. Limited...... B17 Sutton Stromart B18 Top Lift Enterprises A21 Word Rock Drills B4

AUCTIONS

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LETTER FROM THE EDITOR

Canada's response to its Supply Chain Task Force's findings

The construction industry has been heavily impacted by the sluggishness of the global supply chain—an irritating, lingering side effect of the pandemic.

So, what's Canada doing to speed things up?

Early this year, Transport Canada announced the Supply Chain Task Force, made up of industry experts.

The key goals of the task

force were to "Examine pressing supply chain congestion and fluidity issues in the Canadian and global contexts and assess the range of impacts on Canada's economy," and "Identify areas of action/recommendations that could be directed to federal and other levels of governments, and industry, to reduce congestion and improve the fluid and predictable operation of

transportation supply chains."

final report in mid-October. formation exchange between The report contains recom- all stakeholders regarding mendations on measures arrivals and departures, and that could be considered collaborating with industry by government to mitigate to develop an approach to issues confronting Canada's shipping documents. supply chain.

dations include addressing 2022 to invest \$17 million to labour shortages and employee retention, establishing our supply chain, and that's a federal Supply Chain Office exactly what we are doing and protecting corridors, through these new initiaborder crossings and gate- tives," stated The Honourable ways from disruption.

Transportation Act to allow vent disruptions across our Transport Canada to offer supply chains." digital service delivery, workingtowards a uniform system ated the task force and

short-term and long-term shift to the use of electronic

"Our government made Some of the recommen- a commitment in Budget streamline regulations across Omar Alghabra, Minister of As a response to the task Transport. "This is a first step force's findings, the govern- towards addressing the recment has announced the ommendations provided by actions to be taken and, ul- the National Supply Chain timately, how its \$17 million Task Force in their final recommitment will be spent. port to our Government, and Some of the key actions in- we will continue to take steps clude amending the Canada to ease congestion and pre-

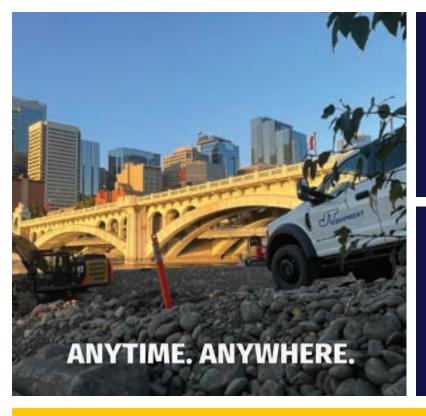
So, the government cre-The task force provided its that would enable digital incommitted to spending the this step complete.



Max Carrington // Editor editor@equipmentjournal.com

money. The task force has submitted its report, and from that report the government announced actionable, while vague, solutions to the major issues within the supply chain.

Though there are many more steps to be taken and announcements to be made during the process of solving this problem, it is nice to see



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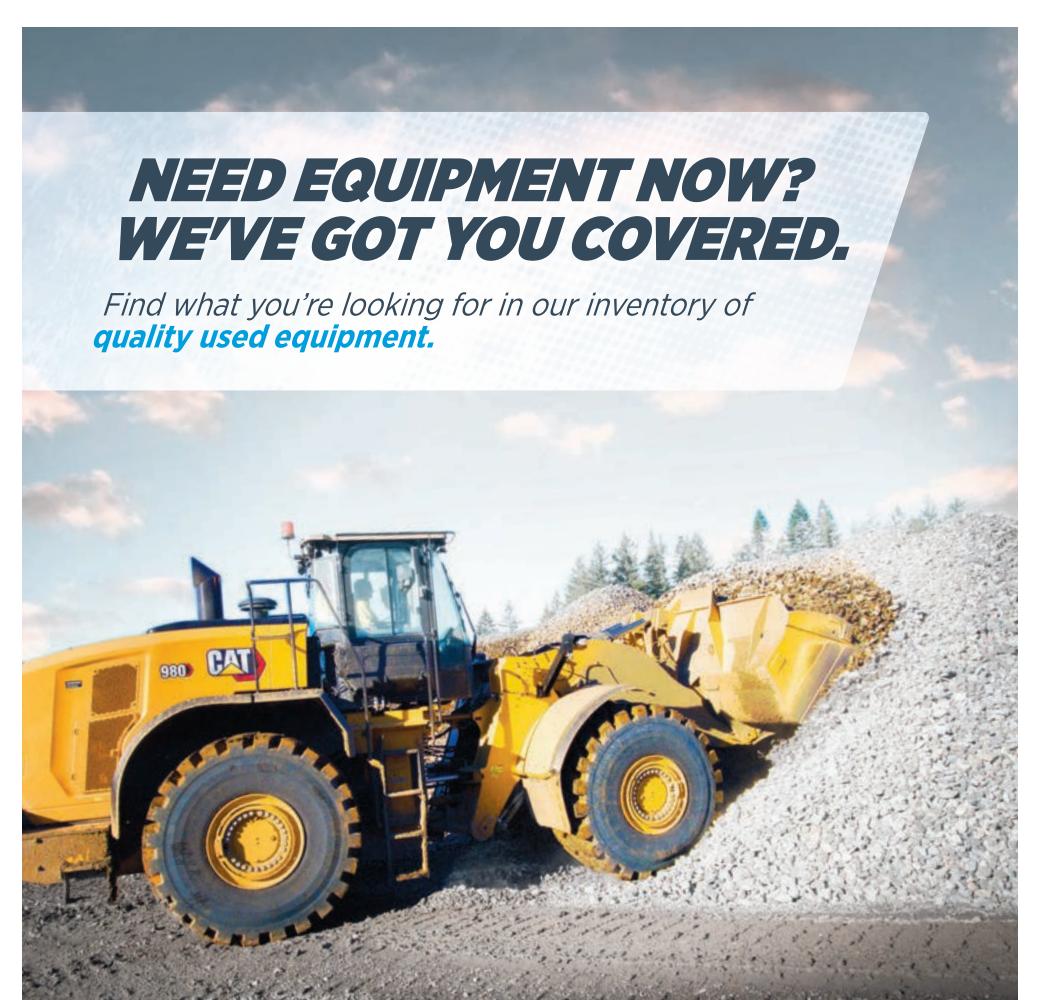
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CAT D6T LGP (2012) - 7,295 Hours 6-way Blade, NEW 30" SALT U/C, Counter-weight Drawbar, Ripper Available.



CAT 745C (2016) - 7,025 HRS0 hours on In-frame engine and Reman Transmission by CAT Dealer, All Needed Repairs & Servicing Completed, Tailgate Available.



CAT 980M (2015) - 8,410 HoursAggregate Handler Spec, Spade or GP Bucket, 29.5R25 L-5 Tires, All Servicing & Repairs being Completed.



CAT 980M (2015) - 9,960 Hours3027 idle hrs, Choice of Buckets
L4 Tires, Rear Camera, All servicing & Repairs
Completed.



(7) CAT D8T LGP (2019/2020) 2,230 to 14,345 Hours SU Blades, 38" Pads, Draw-bar.



(4) CAT D8T (2011-13) - 4,381-8,090 HRS
Very Clean, Choice of SU or Angle Blade, Drawbar.
Ripper/Winch Available.



CAT D6T LGP (2019) - 7,645 HRS

VPAT Blade, 31" Track Shoes, Drawbar,
CAT Dealer Maintained since New.

Ripper / Winch Available



CAT 980M (2014) – 8,910 HoursAggregate Handler, 7.75 CYD Bucket, L3 Tires,
Auto Grease, Rear Camera, All servicing &
/ Repairs Completed.



CAT 980M (2016) - 7,885 HoursAggregate Arrangement, 7.75 CYD Bucket,
Auto Grease, Rear Camera, All servicing / Repairs
Completed.



(2) KOMATSU WA500-8 (2016) 8500 & 9600 Hours, 8 CYD Bucket, 29.5R25 Tires, Bucket Scale All needed servicing & Repairs being Completed.



KOMATSU WA500-8 (2017) 8.25 CYD Bucket, 875/65R29 Michelin Tires Komatsu Scale, All Servicing/Repairs Completed.



CAT 745C (2015) – 5895 HoursNEW 29.5R25 Tires, Dealer Maintained,
All Needed Servicing / Repairs Will Be Completed.



VOLVO A30F (2011) – 8,640 HRS 750/65R25 Flotation Tires, Very Straight Truck, Tailgate Available, Arriving Soon.



CAT 730C2 (2017) – 6,865 Hours 23.5R25 Tires, Rear Camera, All needed Servicing & Repairs are completed.



CAT 725C2 (2018) - 6,990 HRS 23.5R25 Tires, Rear Camera, All needed Servicing & Repairs to be Completed.



4,940 Hours – 1,938 Miles
23.5R25 Tires, Rear Camera, All Servicing & Repairs
to be completed. Very Clean Truck



Brokk introduces new grapple saw and surface grinder

new products at bauma 2022 in Munich, Germany.

The new products include the Brokk Grapple Saw (BGS 15), the Brokk Surface Grinder (BSG 530) and My Brokk, an online portal that combines multiple services, including Brokk Connect, a document library and a Webshop into a single resource.

offer increased versatility, revolutionizing the way conaddress the worldwide challenges of labor shortages and safety concerns at a period where global infrastructure repair. Our solutions not only help crews maximize their efficiency with minimal labor, they also enable better fleet management, machine My Brokk portal uptime and enhanced safety in any application."

Surface Grinder 530

The Brokk Surface Grinder 530 (BSG 530) offers a remote-controlled methstrip plaster, contaminated paint off walls, ceilings and

Brokk has announced three grinding tools. The Brokk customers' processes for Surface Grinder is particu- managing and maintaining larly useful when it comes to their Brokk robots and rehandling hazardous materials, such as asbestos, where operator safety is key. The attachment can also be used for surface preparation and polishing through the addition of different tools.

Grapple Saw 15

The Brokk Grapple Saw "Bauma offers the ideal 15 (BGS 15) is two attachopportunity to showcase our ments in one—a grapple and innovative new products that cold cutting saw. It can cut metal pipes with a diameter productivity and safety for of up to approximately 200 our customers," said Mar- millimeters (7.87 inches) tin Krupicka, CEO of Brokk and grab and sort material Group. "Our equipment is without changing the attachment. Compatible with tractors work, helping them the Brokk 110, Brokk 170 and Brokk 200, the BGS 15 cuts both fixed material and loose scrap without creating sparks that pose a fire risk. A is in need of tremendous Brokk robot, paired with this attachment, brings compact power to large cutting tasks in tight spaces.

The new My Brokk portal combines fleet management capabilities, a document library plus parts and accessory ordering into a single resource. Through the portal, users can access Brokk Conod to safely and efficiently nect to monitor and manage their machines. It also material, tile adhesive and includes a library of equipment manuals, technical floors. Suitable for the Brokk data, CE markings and dia-170, Brokk 200 and Brokk grams along with a Webshop 300, the BSG 530 removes that allows online access for material through constant users to view and order a full contact and high pressure range of Brokk original spare on the surface, resulting in parts and attachments, such a more even, consistent re- as rubber caterpillar tracks moval over large areas that and hydraulic breakers. isn't possible with handheld The new portal streamlines





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JCB unveils industry's first mobile hydrogen refueller

JCB's large-scale hydrogen showcased working proto- hydrogen refueller designed as they work on the jobsite. project consists of a £100 types of a backhoe loader to provide a quick, easy way million (CAD\$155 million) investment in the production of super-efficient gen. hydrogen engines. So far,

and Loadall telescopic for customers to refuel their handler powered by hydro-

machines on site.

According to the comfuel delivered to them while working on site. This means customers are already used to a transportable fuel, allowing refuelling to take place in a matter of minutes.

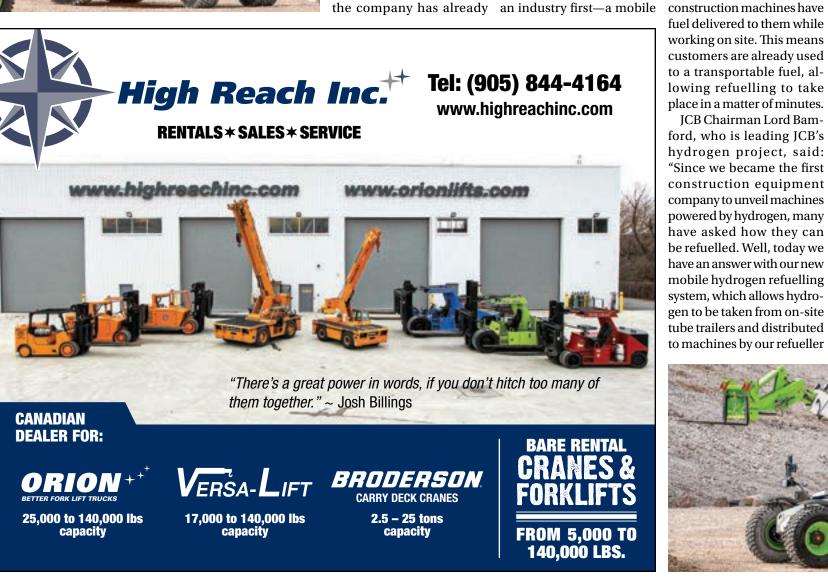
JCB Chairman Lord Bamford, who is leading JCB's hydrogen project, said: "Since we became the first construction equipment powered by hydrogen, many have asked how they can be refuelled. Well, today we have an answer with our new mobile hydrogen refuelling system, which allows hydrogen to be taken from on-site to machines by our refueller come."

This is no different to today when diesel is taken in bowsers to refuel machines."

A team of 100 engineers Now, JCB has unveiled pany, around 97 per cent of is working on the project. The first hydrogen-powered machine to be unveiled was a JCB backhoe loader, followed a year ago by a Loadall telescopic handler. The technology went on to be shown in the Green Zone at COP26 in Glasgow as world leaders debated measures to drastically reduce greenhouse emissions.

> "Fossil fuels are not the company to unveil machines future and hydrogen is the practical solution to powering our machines in the decades to come," said Bamford. "Our British engineers are doing a fantastic job in developing this technology, and there are many more tube trailers and distributed exciting developments to





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2023 LINK-BELT 350 X4, Isuzu diesel engine, 285 hp, 10'8" stick, MFH, 31.5" pads, **5 Year** Full Machine Warranty, stk# B160-227



2016 CAT D4K2, Cat C4.4 Acert diesel eng. 92 hp Tier 4F, heat & A/C, 18" pads, VPAT blade, cold weather pkg, stk# B130-93



2016 VOLVO SD45, 54" smooth drum, sold new in 2019, Kubota T3 engine, OROPS blade, padfoot kit available, stk# B200-373



2022 LINK-BELT 80 X3 SPIN ACE, Isuzu eng. 54 hp Tier III, 18,900 lb OW, A/C, 17'7 boom, 6'11"arm, AMI 30" bkt, stk# B160-228



2003 CAT D6R, Cat 3306 diesel engine -189 hp, heat & A/C, good undercarriage, semi Ü blade, drawbar, stk# B130-36



2020 HAMM HD12VV TANDEM ROLLER, 1.7 Kubota engine, 48" smooth drum, Kubota, water system, stk# B200-385





2018 LINK-BELT 240 X2, 177 hp, 19'2" boom, 9'10" arm, multi function hyd., 48" HDP bkt



2020 CAT 735, 36 ton payload, EPA Tier 4, 188 SMU hours, box liner, stk# B145-184



AMMANN ASC130PD - 84" padfoot, 30,950 lbs., CAC, stk# R200-1001 **2012 ASC110,** 84" smooth drum, 25,289 lbs, stk# R200-321



2016 CAT 926M, Cat C7.1 Acert 155 hp diesel, 4 spd EROPS, ride control, Fusion Q/C, HLA Snow Wing, stk# B110-198



2006 VOLVO A25D, Volvo D9BABE, Tier IV diesel engine, 305 hp, 26.5 ton payload, box liner, stk# B145-189



2014 CAT 416F. extendahoe. 4x4. Cat C4.4 Acert diesel engine 88 hp, ride control, rear outriggers, stk# B110-187



























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2017 JOHN DEERE 260E Unit #: RQ682829

\$439,000



Unit #: 0U274147

\$72,000



2018 CATERPILLAR 430F2 IT Unit #: 0U000585

\$115,200



2017 CATERPILLAR 289D Unit #: 0U007279

\$79,000



2022 JOHN DEERE 35G Unit #: RO296107

\$108,000



2019 HAMM GRW18020 Unit #: 1U280281

\$178,900



2020 JOHN DEERE 324L Unit #: 0U056398

\$135,800



2019 JOHN DEERE 1050K

\$750,000



2018 JOHN DEERE 650K

\$188,000



2011 JOHN DEERE 225D LC Unit #: 0U502016

\$157,800



2012 JOHN DEERE 470G LC

\$110,600



2013 JOHN DEERE 903K Unit #: 0U235047

\$139,500



2014 PONSSE ERGO Unit #: 0U235067

\$98,000



Unit #: 0U210957

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2015 JOHN DEERE 848L Unit #: 0U671331

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Bobcat grows electric fleet, unveils E19e excavator

unveiled the latest machine world's leading construction excellent performance of our in its electric excavator lineup: machinery trade fair. the E19e compact excavator.

ator was unveiled during the panded its electric line-up

The battery-electric excav- of the E19e, Bobcat has ex- Park. "This unit will build on

conventional models," said "With the introduction Doosan Bobcat CEO Scott the success of our smaller first day of the bauma 2022 of zero-emission and quiet E10e, the world's first electric of battery-powered equipmini excavator launched during bauma 2019."

The E19e compact excavator offers a compact footprint, quiet operation and zero emissions. The electrical motors deliver full torque, regardless of rpm, providing top productivity, smooth hydraulic control and on-demand multifunctioning performance with no noticeable power drop.

Like the E10e and the E32e, the E19e offers a run time of four hours of continuous operation on its lithium-ion battery pack. It charges with a standard 120-volt outlet, requiring eight hours to fully charge. While applications vary, each charge can support common daily work operations and the use of work modes for up

Bobcat Company has trade fair in Munich, the machines that can match the to four hours of continuous operation time and a full day of operation during intermittent use or a typical contractor

> "As a pioneer in the field ment, Bobcat innovations have helped to drive an industry-wide shift toward electric excavators and other construction equipment," said Park. "Our team is proud of its contributions in this segment to date, and we will continue to invest in research and development to further accelerate this important trend."

> Producing zero emissions, the battery-electric excavators support environmentally sensitive worksites. They allow users to operate inside structures where diesel exhaust is restricted. The equipment offers significantly lower noise levels and vibration, which improves jobsite communication and allows work in sound-sensitive areas.







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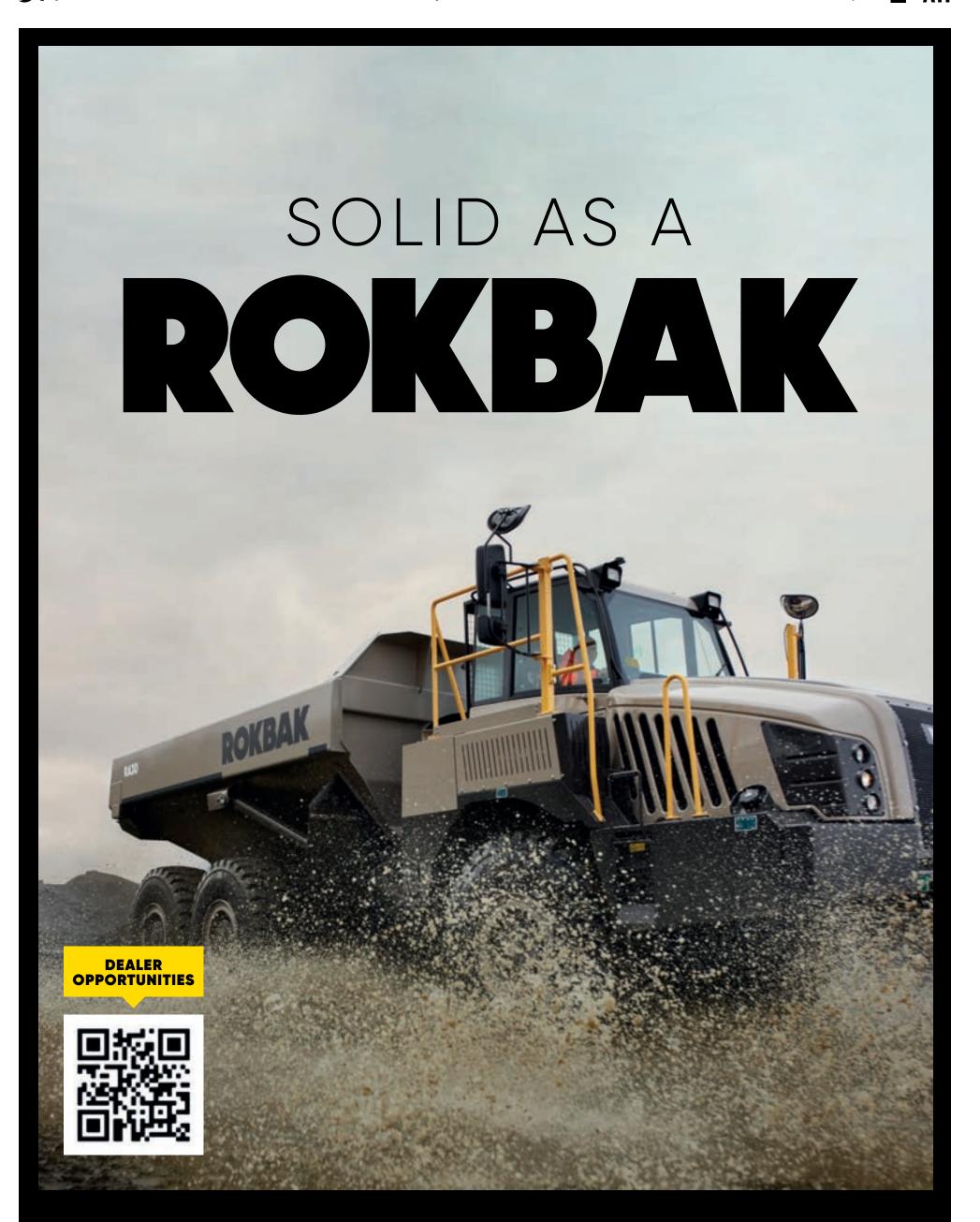
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Hitachi Construction Machinery Americas Inc.

Cat expands operator assist and remote-control features in dozers

small dozers now feature an common technology soluimproved suite of operator tion with Cat Command on assist ease-of-use technologies geared to increasing machine performance, productivity and efficiency in Control and AutoCarry.

Today's D1-D3 dozers also offer a Cat Command for sist and Grade 3D with Assist dozing Remote Control (RC) ready option plus include Lift and Tilt improves peradded mounting features and wire harness routing paths to streamline installation of third-party Grade control systems. Simplifying training and operator transition from raise, lower, and left/right tilt modes - normal and low slip

Cat D1, D2 and D3 next-gen small dozers now provide a for machine movement, re- automatically prevents exmedium dozer models.

Operator assist technologies

The Cat operator assist the field. The technologies ease-of-use features expand offered include Stable Blade on existing technologies: Monitor, Slow Slip Traction Blade and Slope Assist. Bunready option (ARO) with Aspackages, new Stable Blade formance over Stable Blade. The feature combines accelerometers with an advanced control algorithm to automatically make minor blade small to medium machines, commands to compensate

sulting in a smoother surface.

New Blade Load Monitor, Low Slip Traction Control and AutoCarry are integrated into Cat Grade 3D with Assist. Blade Load Monitor produces real-time feedback of current versus target machine load, Lift and Tilt, Blade Load Traction Control, Stable assisting both novice and experienced operators to dled with the Cat attachment fully use machine capacity. Automatically compensating for ground conditions, this technology actively monitors both machine load and track slippage and provides feedback to the operator on current load compared to optimal pushing capacity.

> With its two operating Low Slip Traction Control

cessive track slip to increase machine efficiency while reducing operator burden. The default normal mode setting automatically limits non-productive track slip when pushing heavy blade loads. Operator-selected low slip operation technology substantially limits track slip in applications sensitive to any minor track slip like material spreading on top of

other operator assist features, AutoCarry automatically blade to maximize pushexcessive track slippage when pushing heavy loads.

Working in unison with When activated by the oper-

ator, AutoCarry remains in standby mode until the blade raises and lowers the dozer is fully loaded and then automatically engages without ing capability and prevent the need for Slope Assist or Grade 3D automatics to activate the technology.

Faster remote-control installation

Cat D1-D3 dozers now offer a RC ready option that simplifies dealer installation of Cat Command for dozing. Cat Command allows the dozers to be remotely operated from a safe distance, eliminating safety risks from potentially dangerous applications. The technology helps increase machine productivity and decrease downtime by allowing production to restart immediately following disruptive processes. By integrating with machine electronics, it allows users to retain the same control as they would operating inside the cab.

Maintaining access to advanced machine features, Cat Command for dozing is available in two configurations - line-of-sight and non-line-of-sight control. The ergonomic control layout of the lightweight, over-theshoulder Command console provides line-of-sight machine control from up to 400 m (1,312 ft) away, allowing

for convenient remote operation. Ensuring the user maintains dozer control at all times, integrated Cat electronics activate multiple safety features to stop all machine movements under the following conditions: the all-stop switch is pressed; command stop is activated; wireless communication is lost: a severe fault is detected: or the Command console is tilted more than 45 degrees from normal operator pos-

The customized non-lineof-site Command station positions the user in a familiar and comfortable seated position, simulating traditional machine control. A single station allows users to control multiple Cat machines one at a time, and it is compatible with other Command offerings for Cat equipment. Station components include machine joystick and foot pedal controls plus a touchscreen mount for machine control. Universal screen mounts are included for dozer camera displays.

Cat operator assist ease-ofuse features are available on D1-D3 dozers. Dealer Command for dozing installation kits are now also available, and machines in the field can be retrofitted with the technology.



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1978 SMI 5250, GM - GM, low hours. \$29,000.



1979 SMI 5250 GM-GM, single cab, \$39,000. good condition.



rear eng, 400 hours, 5000 tph capacity.



1996 SMI 8400, 4000 tons per hour,



1990 SMI 5250A c/w 2 GM diesels. front & rear, 2000 T.P.H., very clean, low hrs.



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



SMI 7200 ribbon blower, rebuilt 1997 G.M. V-12.



1975 CAT 14G, good runner

\$57.500.



1983 VOHL DV-4000, J.D. motor, tel-\$39,000



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



\$105,000 G.M - G.M, 710 hp.



(L to R) Graham Toner, sales specialist for Bobcat of Ottawa Valley, poses with Patrick Dwyer, supervisor, and Robert Janveau, yard manager, Valley Utilities Ltd. at one of their current jobsites in Carp, Ontario.

For over 31 years Valley Utilities Ltd. has been providing commercial customers with installations of electrical, underground utilities, and heavy civil construction in the Ottawa area. Greg Clarke, the owner, states they provide a large percentage of local home builders with the installation of their underground utilities. Greg says in his company there is no one inferior to the other. Everyone is at the same level. Whether you are an electrician, a machine operator, or a supervisor, he wants everyone to feel appreciated just the same. He himself is a hands-on, get-in-the-dirt owner.

"When we have 4" DB2 conduit on 500 skids, we need access to get at it, we also have a



3-acre yard, that needs a blower to lessen the piles. We have payloaders but needed something more compact, so we purchased a Bobcat® UW56 Toolcat™ utility work machine. We liked it so much that we bought a second one. They are awesome machines. They have a tight turning radius, lots of power at 70 hp, 1500 lb front end lift, and the visibility is great too. It's in its own class, with no other like it on the market. It's a tractor, a utility vehicle, a pick-up truck and is even better than a compact track loader. The Bobcat landscape rake is like the hand of God as it reduces the amount of topsoil needed to use on our jobs. On days off, I can use the UW56 Toolcat around the house with my daughter. Another huge advantage of it being on wheels and a side-by-side machine," stated Greg.

Robert Janveau, yard manager, added "needing a multi-purpose machine, the Bobcat UW56 Toolcat was the best one with 40 attachments available. We use a lot of pipe and wire. One of the best features of the UW56 Toolcat is the hydraulics. We can do it all sitting in the cab. A lot of other machines we had to get out and change attachments because they didn't have hydraulics. The back has a hydraulic lift too. These machines are so nice with heat & A/C. Currently, we are only using 12% of available attachments. Limitless possibilities. Toolcat works perfectly for us."

"Bobcat of Ottawa Valley is a great young team. We are near their brand new facility on Carp Road. Pier Castonguay, sales specialist for Bobcat of Ottawa Valley is a solid guy. He has been awesome to work with. Bobcat is a good brand and retains its value, with not much depreciation. I wouldn't hesitate to recommend Bobcat UW56 Toolcat machines and Bobcat of Ottawa Valley for your next purchase," stated Greg.

Thanks Greg.



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BobMark New Holland Sales LTD is very proud to see their first C362 Track-Loader already on the job site. The team over at Earth-X Contracting Inc has already been putting the C362 to the test. Over the last month the C362 track-loader has been utilized in a variety of tasks, from rough grading sites where a trim dozer is normally needed to lifting and moving trench boxes and waste bins. The massive 6,200-lb operating capacity and break out force helps



the C362 power through large loads of stone and gravel. A few key features and compliments we're hearing from the operators. "Unit always seems to stable regardless of the load out front, handles the over-sized bucket with ease" "The longer undercarriage improves the ride & stability, allows for longer days operating the track-loader".





2010 NEW HOLLAND U80B

79 horsepower, 4WD, Deluxe cab w/Heater & Air Con., 4 forward x 4 reverse speed trans. w/ Power Shuttle, Ride Control, New Holland/FFC Hyd., QC on front loader, Aux. hyd. on front loader, Quick-attach bucket & AMI pallet forks, 3 point hitch, Dual tilt w/ holding valve, Additional rear counterweight



2007 NEW HOLLAND B95

95 hp, 4 cylinder diesel, cab w/heat and air conditioning, front & rear wiper, Extendahoe, 1.3 yard front bucket, 24" rear bucket, Pilot Controls, 4 speed power shuttle trans., loader aux. hyd., 1050 Hrs, pattern control changer \$69,900



2016 NEW HOLLAND C232

74 horsepower, 9634 lb. operating weight, 3200 lb. Lift Capacity, Mechanical Hand & Foot Controls, 2 Speed Travel, Enclosed Cab with Heater & Air Conditioning, Suspension Seat, 18" tracks, Hydraulic quick coupler, Block heater, Auxiliary boom hydraulics



2007 JCB 3CX BACKHOE

90 horsepower, 4 cylinder turbocharged diesel, Cab w/heat & A/C, pilot controls, 4 speed powershift trans., Extendahoe, 14x17.5 front tires, 19.5L24 Rear tires, 24" Rear bucket, front pin on bucket. \$54,900



2018 NEW HOLLAND L230

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Mecalac launches the versatile 136MRail in North America

Mecalac has announced the launch of its new 136MRail rail-road excavator to the North American market.

According to the company, the 136MRail, a crawler-based excavator with factory integrated hi-rail, combines all the functions of a state-of-the-art excavator with exceptional lifting, towing and loading capabilities.

With its rail gear raised, the 136MRail can be operated as an excavator on regular terrain, offering operators maximum versatility with a single machine.



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of buckets - Hitachi ZX350 also available for rent.



CAT 318 Wheeled Excavator - VA Boom, Q/C,



CAT D6T - 6 way blade, ripper, grade control.



2018 HITACHI ZX135 - Zero tail, Q/C, choice of buckets, approx. 4,200 hrs.







CRAIG plow w/hydraulic removable wing.



2019 HITACHI ZX245 - Approx 4,200 hrs, Q/C choice of buckets

At 13 tons, with a 75hp engine, Mecalac claims it to be ideal for light to medium service and maintenance jobs. Furthermore, the machine's boom incorporates an offset feature for applications such as cleaning ditches along the tracks.

"This model was designed to be the go-to machine for Class 1 railroads, light rail and industrial rail operations," said Peter Bigwood, general manager of Mecalac North America. "The 136MRail is unrivaled in its compactness-to-performance ratio, speed and versatility."

The 136MRail is based on Mecalac's compact skid excavator (MCR) concept. These multi-function machines are designed to serve tion to the 106MRail, but as excavators, loaders and material handlers in one.

Attachments such as grapple buckets, tie-removers, power brooms and trenching buckets allow users to accomplish a wide variety of tasks around rail systems.

The 136MRail provides heightened versatility by offering all these functions both on and off the rail.

Equipped with an optional pneumatic brake system, it can tow up to 14-ton trailers.

In terms of travel speed, on-rail it can reach up to 20 km/h (12.4 mph) and off rail is 9.6 km/h (5.6 mph). anywhere along the track. equipment fleet."

The 136MRail joins the 10ton 106MRail as the second of two tracked models in Mecalac's four-model MRail series.

Unlike traditional machines, Mecalac's MRail series offers an articulated 2-piece boom that is situated on the side of the cab. This allows the operator to angle the first part of the boom back to increase stability during lifting, which enhances safety and productivity overall, but especially for those operators working in confined areas such as tunnels. The 136MRail also features a 1-yd3 skid loader bucket that provides 72% more capacity than other machines of its size.

Similar in applicawith added capacity, the 136MRail can scoop and load ballast as well as unload and spread ballast on the track.

"We set out to revolutionize rail-road excavators with our MRail Series. Through its agility, lifting capacity, short rear and front radius and outstanding visibility all around, we truly believe our 136MRail is accomplishing that," Bigwood said. "As these machines are brought to the North American market, we are excited to hear about the positive impact they will have on our cus-Its ability to easily move on tomers' operations and and off the rail allows it to confident they will prove efficiently access jobsites a valuable addition to their











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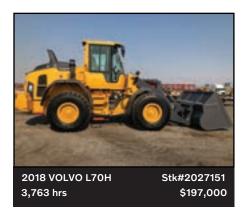
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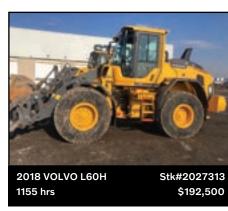




























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New Cat 793 truck boasts highest payload in its size class

Building on a foundation of payload and brake oil temper measurement and monitor dual mode cellular/satellite nearly 6,000 trucks sold, the new Cat 793 offers up to 6% more payload than the 793F and boasts the highest payload in its size class, up to 244 tonnes (265 tons). The available High Performance (HP) Body design further reduces empty machine weight to increase payload capacity.

Increased productivity combines with industry-leading powertrain efficiency to deliver up to 10% more fuel efficiency than competitive trucks and up to a 5% lower fuel consumption compared to the 793F. A choice of full or economy mode settings finetunes power needs to the task at hand. Full integration of all Cat components, software, systems and engine ensures the entire truck can be fully optimized to deliver the lowest cost per ton.

Maximum performance

With a top speed of 60 km/h (37 mph), the new Cat 793 offers up to 10% faster cycle times than competitive trucks. It travels at a class-leading speed of 12.9 km/h (8 mph) on 10% grades and can navigate a maximum 25% grade fully loaded. Enhanced automatic retarding control automatically selects opti- Payload system on the 793 with standard 4G/LTE cellumum speed based on grade,

ature to increase speed up to ing. Available operator speed 25% during retarding.

availability, the Cat C175-16 793 has more than 21 milnew Cat enhanced oil filtration system increases engine changes and allows for extended oil change intervals. ordered in U.S. EPA Tier 2 equivalent or Tier 4 Final/ standards.

advanced speed controls high-volume Coal Body. allow the operator to set the desired machine speed and Autonomy boosts control it with a rotary dial, allowing the powertrain to automatically select the optimum gear and engine speed. The 793's Advanced Power Electronic Control Strategy transmission maintains forward momentum and torque access to information. With while shifting with optimum its future-proof technolgear selection, providing faster acceleration times.

deliver more accurate payload lar connectivity or optional

coaching helps the operator reliable data transfer. Offering maximum uptime achieve the truck's maximum potential. The optional Autoengine powering the new Hoist lowers fuel burn and simplifies body dump by lion operating field hours and automating four continuous can achieve over 3.8 million operator hand and foot inputs liters (1 million gallons) of into two easy hand inputs to fuel burn before overhaul. Its reduce dump cycle times by up to 12 seconds.

Various body style conlife, eliminates cartridge filter figurations for the 793 offer the best value for the mine. The HP Body offers up to 2.5 With its gross 1976 kW (2,650 tonnes (2.75 tons) payload hp) rating, the engine can be improvement over the Mine Specific Design (MSD) body, while the MSD II Body ex-EU Stage 5 configurations to cels in mature mines. Robust meet any region's emissions structural elements unite with geometric and steel efficien-Simplifying truck operation, cies to create the durable,

productivity

The new Cat 793 delivers cutting-edge connectivity with fully integrated Cat electronics featuring 100 Mbps, two-wire ethernet connectivity for faster data transfer, improving ogy platform, every truck is shipped factory-equipped Improvements to the Cat with Cat Product Link Elite

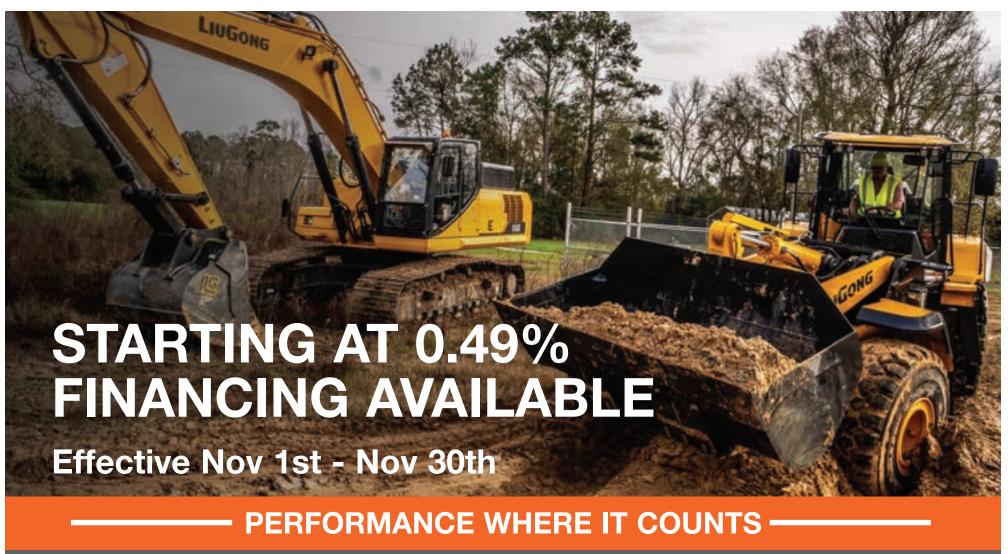
or local Wi-Fi networks for

A fully integrated factory offering for the next generation 793, the autonomous haulage system, Cat MineStar Command for hauling, can increase truck productivity by more than 20%. More than 550 Cat autonomous trucks are in service and have safely hauled over 5 billion tonnes of material. Compared to staffed trucks, miners have









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Continued from A21 - Cat 793 Truck boasts higest...

efficiency, up to 35% more tem with optional 360-degree tire life and near-continuous surround view; and MineStar truck utilization.

The 793 offers easier integration of the available **Operator-andsafety-focused** suite of MineStar telematics solutions. The offering in-

reported up to 11% better fuel Detect camera vision sys-Health equipment insights.

and applications such as environment Cat MineStar, to reduce the The new 793 shares a number of required displays. cludes MineStar Fleet, the common cab and next An available advanced filtration system includes next generation of fleet dis- gen technology design patching system; MineStar with the 785 and 789 truck optional high efficiency

> A host of confidence-building operator controls include configurable second gear start that monitors grade and payload to determine if the 793 can automatically start in second gear, improving drivability and durability and using less

familiar driving and oper-

ating experience. Two

ideally located 254-mm

(10-in) screens consolidate

all machine data, controls

and guidance information,

particulate air (HEPA) filters

penetration by 96%.

control increases control responsiveness and power to the ground to improve machine controllability and performance. An available anti-lock brake system helps maintain the travel path when sliding, and dynamic Reduced downtime key stability control monitors **contributors** operator steering intention and machine motion to keep the machine tracking.

Standard Cat Detect - Obto warn operators of light vehicles and stationary hazards

potential, the truck's hill start keeps the truck stationary on grades and anti-rollback automatically stops the truck when rolling in the opposite direction of the selected gear.

The 793's design reduces key downtime factors. Its new modular HVAC (heating, ventilation and air to reduce respirable dust ject Detection combines conditioning) system imradar and camera systems proves durability by 20% and filters extend oil change hour without an HVAC techwithin the truck's immediate nician, improving physical vicinity. The optional in-cab availability by up to 0.5%. Driver Safety System features Remote Troubleshoot altechnology that instantly de- lows secure remote access tects and alerts operators to service and machine data the moment fatigue or for troubleshooting and distraction are identified. diagnostics. Remote Flash on regular maintenance profuel. Reducing tire wear and Eliminating two-foot hill optimizes equipment per-cedures.

models, offering the same damage, enhanced traction starts and reducing collision formance and productivity with the latest software and decreases downtime for software installation by as much as 50%.

> Designed to last over 100,000 hours, the 793's long-life frame features mild steel to provide flexibility, durability and resistance to impact loads, and the frame, powertrain, engine and components are built to be rebuilt. The addition of centrifugal oil and self-cleaning can be swapped within an intervals and offer up to 67% reduction in annual oil consumption. The 793's improved service center, grouped ground-level maintenance and checkpoints, and 1,000-hour hydraulic filters combine to save time



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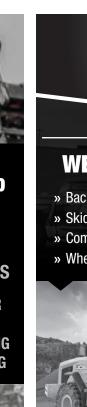






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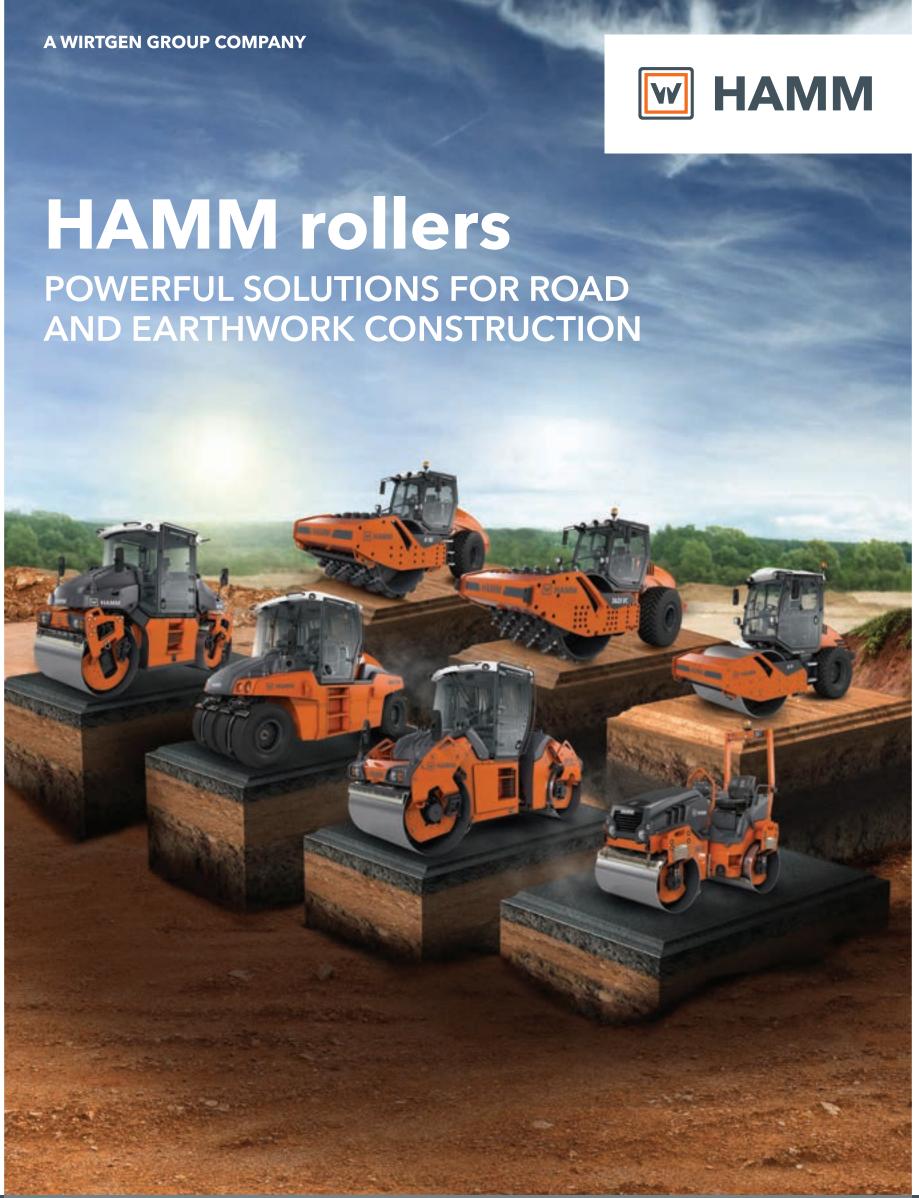
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HOT DEALS OF THE MONTH!









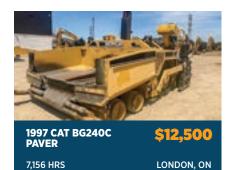












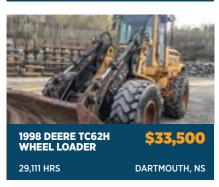














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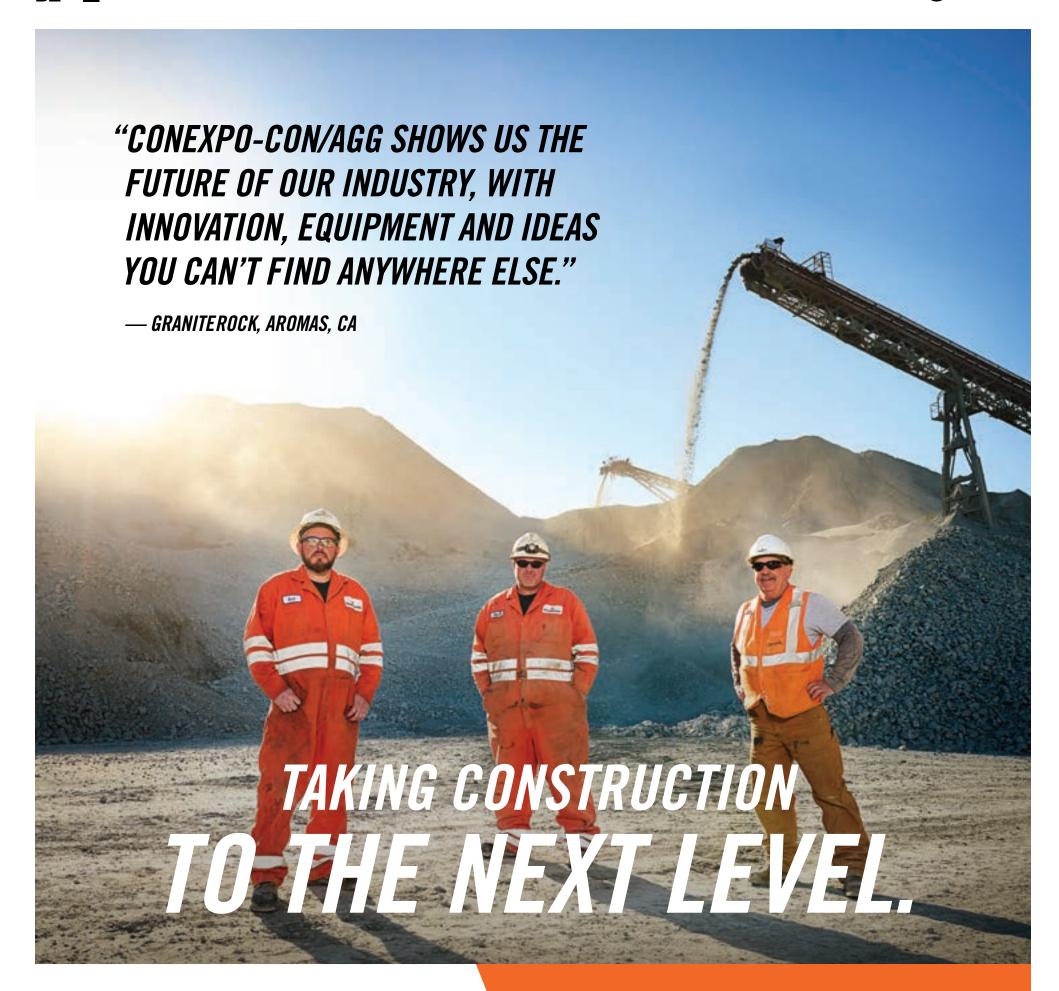


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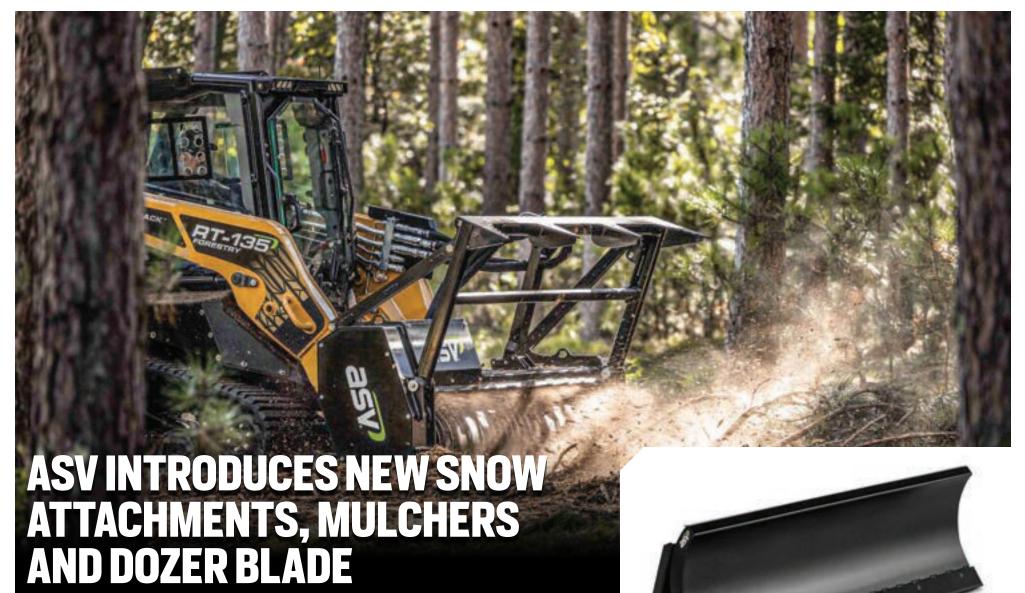
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new high-performance mulchers for the MAX-Series RT-135F and RT-75HD Posi-Track loaders as well as the first ASV-branded updated line of branded attachattachments, the mulcher, snow attachments and dozer blade are simple to use and compatible with all brands with the added advantage of being matched and tested for use with ASV machines. ASV's attachment line also includes an industry-leading two-year warranty with all

"These new attachments allow operators to enjoy ASV performance year-round—seamlessly transitioning from dirt and landscaping work in the summer to snow clearing in the winter," explained Frank Gangi, attachments product manager for the ASV brand. "Our machines are designed for all seasons and conditions and that includes our attachments."

Both the RT-135F and RT-75HD Posi-Track loaders are optimized for high performance in forestry and other demanding applications. ASV's new mulcher attachments are a perfect fit for the machines to achieve maximum power and productivity. Both the RT-135F and RT-75HD offer exceptional flow, allowing operators to get more out of their in all conditions. ASV also offers work and more. ■

optimal machine performance. with knives that shine in stringy, The RT-75HD's highly efficient fibrous vegetation applications. auxiliary hydraulic system provides 35.7 gpm high flow for the mulcher to process material snow attachments. A 6-way dozer reliable execution on the job. blade is also included in the For even more power in challenging applications, the RT-135F ments. As with all ASV-branded uses a 132-horsepower Cummins engine combined with a ments are an ideal match for ASV 50-gpm maximum auxiliary flow and oversized auxiliary pump of ance and Posi-Track® technology 66 gpm. The extra 16 gpm within providing leading traction with as the new mulchers, at full speed blower, snow blade and snow slowing down the tool. Both the winter jobs with maximum ASV parts and support available dir- RT-135F and RT-75HD transfer performance and efficiency. The ectly through ASV's dealer net- more flow and pressure directly snowblower features a 4-blade line sizes, hydraulic coolers and high-carbon steel cutting edge belt-driven pumps, which prevents power loss. The productivity of these machines combined with the new plug-and-play mulchers offers a boost to profitability in applications like forestry mulching, land clearing, trail development and right-of-way work.

> ASV offers its new mulcher attachments in a standard drum or depth control series for both the RT-135F and RT-75HD. The standard drum is suitable for most applications and includes carbide teeth that excel in standing up to rocky soil. The heavy-duty construction of the standard

ASV Holdings has introduced attachments while maintaining the depth control series outfitted Depth control technology allows in a single pass and creates a consistent bite for a clean, finished

> New ASV-branded snow attachmachines' all-weather performthe pump means operators can plenty of pushing power. The run high-flow attachments, such introduction of ASV's snowwhile moving the loader without pusher allows operators to tackle to the attachment by using larger fan, heavy-duty gearbox and a direct-drive pumps rather than to plow through snow and ice. Plus, a No-Freeze-Up chute design seals out snow and freezing slush to minimize downtime. The snow blade and snow pusher have a high-carbon steel cutting edge for a long lifespan. Additionally, operators can add an optional rubber cutting edge to the snow pusher for work in sensitive areas such as sidewalks and grass.

> The 6-way dozer blade for grading and leveling rounds out these attachment updates with heavy-duty construction and a hydraulically controlled blade for versatility and easy operation. This all-in-one package combines drum series makes it the best a dozer, grader and leveler that option for operators that need a can be used in a variety of appliversatile mulcher that performs cations such as road work, yard





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LOOKING BACK AT ATTACHMENTS



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By HCEA Canada

Pictured here, in the early 1970s, are two side-boom equipped crawler tractors at work in South Western Ontario. This gas pipeline contract for Union Gas Ltd involved a 400-foot crossing of the Thames River using concrete-encased pipe.

The Allis Chalmers HD 19 side-boom and the Caterpillar D7 (Model 572 pipe layer) seen in the background were only part of the equipment required to wrestle this heavy pipeline section into place.

Based in Chatham Ontario, Union Gas Ltd had begun operations in 1911, about 20 Ltd. and Midwestern Manuyears after the first natural facturing, among others in Event coming in June 2023. gas well came into produc- the era. tion in Essex County.

first known gas pipelines lection a 1960s Caterpillar to be built in North America moved natural gas from play at the Simcoe County construction equipment Petrolia to Sarnia Ontario as Museum. early as 1862.

The Allis Chalmers HD 19 crawler was powered by a 6-71 GM 2-stroke diesel rated Caterpillar D7 was powered by a four-stoke diesel rated similarly.

manufacturers included McNally for his foresight and proud Heritage Partner of the Trackson Co (later Caterpil-



lar), Superior Manufacturing

Interestingly, one of the fortunate to have in our colorg 572 Pipe Layer on static dis-stored pieces of vintage

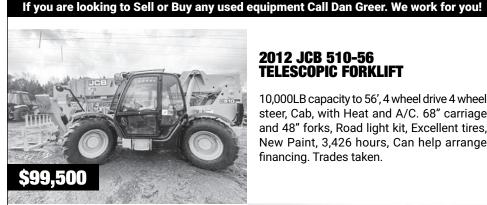
> tonnesit could lift 40 tonnes, Equipment Association handily.

at 118 kW (160 hp) while the based in Hamilton, Ontario County Museum near Barrie, has donated several units held in June and the 'Last to our antique equipment Blast' in October. Both events collection, including this ma- are held at Simcoe County Side-boom attachment chine. Thanks go to Patrick Museum. HCEA Canada is a commitment.

Watch for details of HCEA Canada's Wheels & Tracks Please see updates on our HCEA Canada is very web site: www.hceacanada.

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Caterpillar expands tiltrotator system to mini excavators

Rotate System (TRS) models for Cat 302.7 through 310 next-gen Mini excavators.

The new TRS4 and TRS8 S45 as well as updated TRS6 models allow attached work tools to rotate 360 degrees and a standard TRSAux2 auxiliary heat. The high-torque rotatilt 40 degrees side-to-side.

System design includes a top interface that connects the TRS to the carrier machine and a bottom interface that connects various work tools to the TRS. Top interface connections for the TRS4, TRS6 and TRS8 are offered as S Type hydraulic-couplers or pin on, while bottom interface **Design benefits** options include the Pin Grabber or S type coupler.

port at the bottom to con- tion system quickly positions nect a variety for different work tools, and an integral hydraulic tools. Sensors for self-locking mechanism enthese TRS models work in ables digging at any angle combination with Cat mini required. Single/minimal excavator software and a grease points for TRS modvariety of different external els delivers quick, efficient reference suppliers for 2D and 3D work applications.

TRS4, TRS6 and TRS8 allows ing pressures and prevents All TRS models are stan- the mini excavator to main- cylinder movement under dardized with an auxiliary tain high digging forces. A load. Cylinder design fea-

TRS model is attached to the TRS and the host machine. no maintenance. carrier via the S type coupler A no-maintenance lubrication system for the rotation stalled field control kit, which The TRS6 and TRS8 feature system effectively distributes includes specially designed greasing of all joints requiring lubrication.

Integrated load-hold valves for the double-acting The compact design of the tilt cylinder maintains hold-

Caterpillar Work Tools Div- TRSAux1 hydraulic function reinforced TRS gearbox with tures hardened pistons and ision has announced new Tilt at the bottom. This allows for a specially designed bear-maintenance-free bearings, the installation of an integrating ring distributes working and its scratch-resistant, ed grapple module when the forces to reduce stress on the rust-proof surfaces require

An integrated, dealer-injoysticks, suits all boomand-stick combinations and provides intuitive control of the TRS and integral grapple. The TRS monitor informs the operator of the attachment's position, and an engagement/disengagement sensor assures that work tools are secured via a safety locking mechanism with indicator. Activated by a joystick button, all TRS models offer a bucket-shake feature to facilitate even spreading of

TRS application

models are compatible with TRS4 models are designed the Cat 305.5 CR and 306 CR for efficient use by the Cat models. The TRS8 models are 302.7, 303, 303.5 and 304 mini designed for use with the Cat excavators, while the TRS6 307.5, 308, 308.5, 309 and 310. ■

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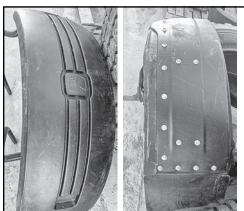
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FAE introduces series of asphalt shredder attachments for skid steers

FAE is expanding its con- ing with a new series of struction equipment offer- asphalt shredder attachments for skid steers.

> These new attachments are based on "cold planer" technology. The road's surface is scraped and cut by the impact of special teeth that are attached to the rotor with a layout that is specifically designed by FAE to for plug and play pairing increase performance and with the leading skid steers reduce vibration.

> The fields of application of the RPL/SSL and RPM/SSL with teeth that are specifare surface preparation for resurfacing roads in anticipation of a new layer of asphalt or concrete, or to simplify excavation operations.

> The RWM/SSL model, equipped with a disc rotor, aims to ensure extremely targeted excavations for laying electrical, water, gas and indicator allows precise fiber optic conduits.

The RPL/SSL, compatible with skid steers from 60 to 120 hp, can mill up to 7" deep and is available in three widths 45, 60 and 75 cm. The RPM/SSL, for skid steers between 75 and 120 hp, is capable of working areas of up to 10" deep and 24" wide. Both heads are standard equipped with state-of-the-art technical features.

Furthermore, the combination of self-leveling skids and tilt ensures optimal results. Operational precision is ensured by the hydraulic drive system as well as practical depth and cutting new series of products will indicators.

Also, the operator's work is facilitated by the high-visibility design that allows optimal visual contact from the cab.

According to FAE, the standard hydraulic and electrical setups and equipment of the RPL/SSL and RPM/SSL make them ideal on the market.

The line is completed ically designed for asphalt and cemented road sur-

The RWM/SSL is compatible with skid steers from 75 to 120 hp and can create channels up to 20" deep with modular widths of 3, 4 or 5 inches. The depth depth management and the self-leveling penetration skids allow to always keep the working depth constant.

Also, the optimized side output allows the track to be free of waste materials at all times.

The hydraulic and electrical setups and equipment of the RWM/SSL make it ideal for plug and play pairing with the leading skid steers on the market.

This line also includes teeth that are specifically designed for asphalt road surfaces or for working on

According to FAE, this be available in 2023.

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Liebherr A910 2019 with 2,300hrs, (802560), Tier 4F, Two-piece boom, central lubrication, rear-view camera



Liebherr R914 compact 2018 with 2,000hrs, (802302), Rubber track pads 500mm, Front blade 2540mm, Reversing fan, Automatic greasing system, Two-piece boom 4.9m with lateral tilt, Stick 2.45m, Lock valves, Hydraulic quick coupler Liebherr Likufix, Tilt-ditch bucket 2000mm, Excavation bucket 1250mm, Backhoe bucket 500mm, Remaining full warranty



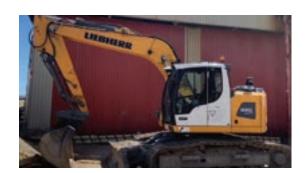
Liebherr L538P 2017 with 1,785hrs (802308), Winter Tires 20.5X25, Reversing fan, Heated seat, Parallel lift, Quick coupler ISO with 3rd valve, Bucket 2,500mm, 2.4m3



Liebherr R924 2015 with 6,325hrs (802311), Cab riser, New tracks 750mm, Reversing fan, Hydraulic quick coupler, Medium and high pressure lines



Liebherr L506C 2020 with 750hrs (802406), Tier 4F, 3rd function, Z-Bar, 2200mm lift arm, Front coupler, Bucket, Forks



Liebherr R920 Compact 2019 with 970hrs (802142), 750mm Track pads, 3000mm backfill blade, Reversing fan, Auto greasing system, Rayco reach limiter, Boom 5m, Stick 2.65m with lock valves, Hydraulic quick coupler, Ditch bucket

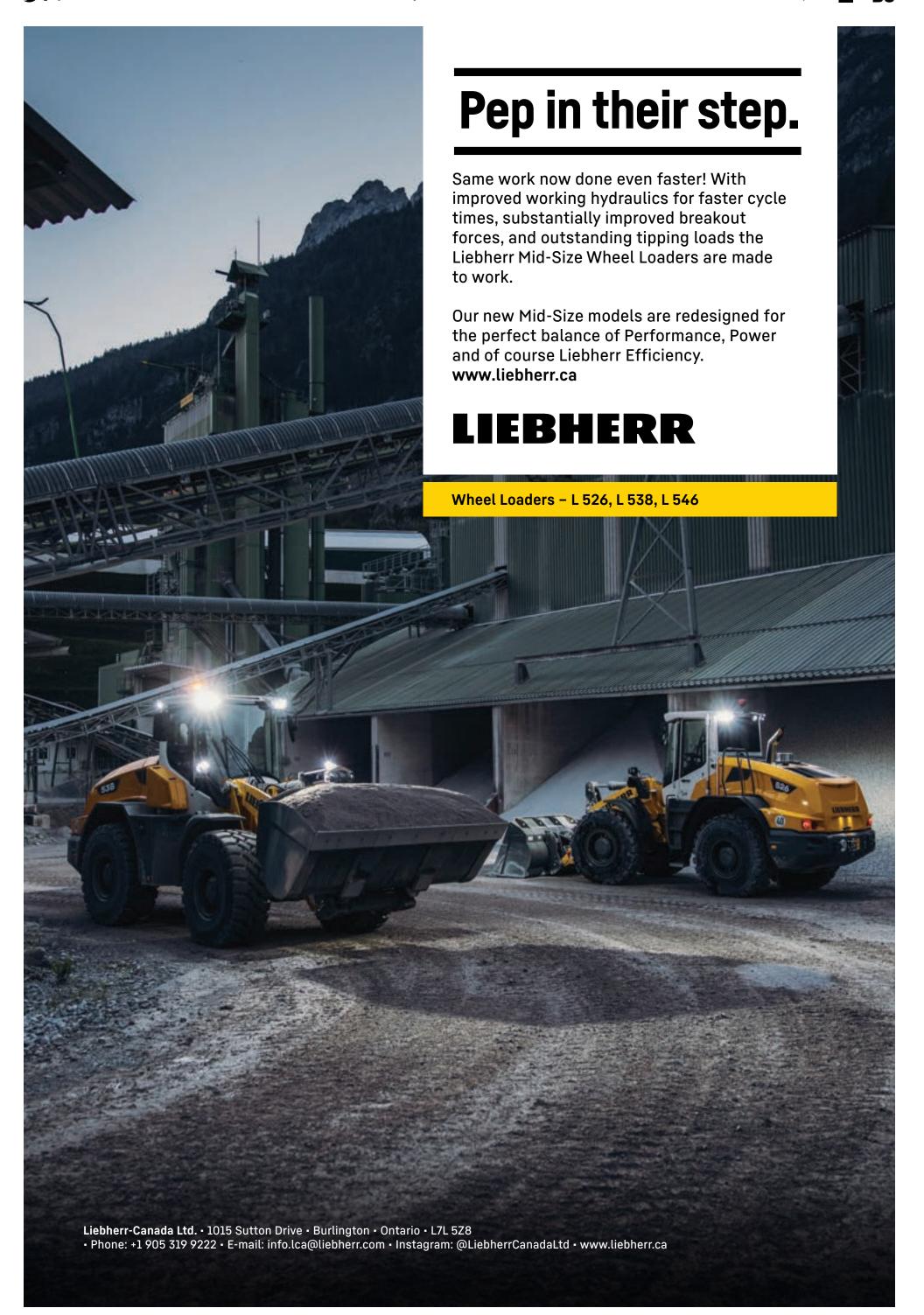
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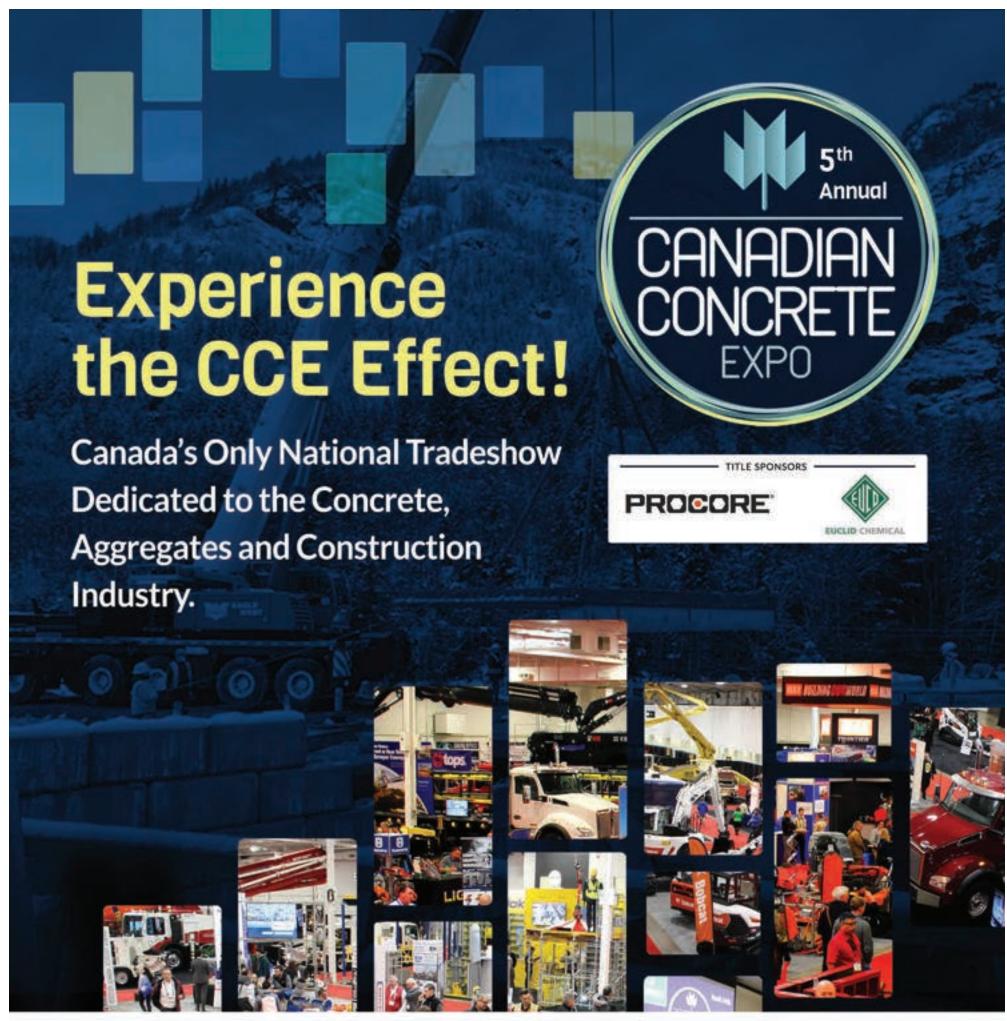
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Doosan's DX225LC-7X excavator gets engcon-ready option

DX225LC-7X series of excavators.

between Doosan and engcon to provide an control system and machine, with all the built-in functions and features. Engineering teams on both sides have been working closely together from the beginning of the integrated with the machine." project to the commencement of produc-

The Doosan DX225LC-7X is a fully electro-hydraulic excavator with factory-provided 2D machine control and can easily be equipped with engcon's MIG2 Grips and the 3rd generation control system, DC3.

The control system and machine control-Area Network), making it possible to extwo systems at very high speeds.

product owner at engcon. He continues; it than ever."

Engcon has announced the launch of allows the operator to get an overview and the engcon-ready option for the Doosan configure the functions of the MIG2 Grips directly in the Doosan machine display. The option is the result of a collaboration engcon's high precision tilt and rotation sensors are also directly integrated with the integrated solution between the tiltrotator Doosan semi-automatic machine control solution, weighing and assist features. There is no need for a third party sensor to be installed in the attachment, making it truly

> Furthermore, the deep integration and preparation allow for shortened lead times while providing a complete offering to the customer.

Engcon tiltrotators as an attachment the latest Doosan technology. As a part of is growing in popularity globally and esthis technology offering, the machine is pecially in Europe. Making sure that our engcon-ready, meaning that the machine most advanced machine was prepared for this attachment was important and having it integrated with the rest of our machine technology offering was crucial," explained Stephane Dieu, excavator product manager lers communicate over CAN (Controller for Europe. "With the technologies combined the customer can see both improved change a large amount of data between the productivity and flexibility. To shorten the lead times is something that both engcon "The deep integration allows engcon and and Doosan have been working on over Doosan to create a better operator experimany years and with the DX225LC-7X ence," says Fredrik Eklind, control system being engcon Ready the upgrade is quicker

Komatsu stores to carry Genesis demolition and recycling attachments

Komatsu has announced that it will now offer Genesis attachments at company-owned stores in the northeast region.

According to Komatsu, the company believes that Genesis has earned an excellent reputation as a provider of high-quality attachments, lending to the decision to carry its products.

"We have partnered with Genesis to offer their products to our customers because they are a global leader in shear, concrete processor and grapple innovation," said Mike Kubas, vice president, Komatsu company-owned stores. "Their excellent post-sale customer support and technical service is well-aligned with our strategy, and very complementary to the products we currently sell to our customer base."

Demolition

Designed with features including multiple jaws with quick change-outs, reversible blades and teeth, and streamlined internal components that require low maintenance, Genesis demolition attachments easily process concrete, rebar and steel in high-reach, general and bridge demolition, concrete recycling, and C & D material recycling applications.



Recycling

Genesis mobile shears and grapples are designed to increase scrap processing speed, efficiency and handling. Available in 22 models, GXT shears fit a wide range of excavators to meet application needs, while Genesis scrap grapples and handling grapples provide large capacities to quickly move material.

"We are excited to bring our experience and industry-leading products and support to these Komatsu customers," said Justin Palvere, director of North American sales, Genesis. "Together, we can better serve the demolition and scrap industries." ■







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Remembering George Dudley Warbeck

In 1982, Santo De Arcangelis George really helped the to business resonated with probably one of the smart-Dudley Warbeck in search in the industry," said Santo. integral in the success of the explained Santo. of support in growing his new equipment rental, sales George was a skilled artand service business, High Reach Inc.

The two teamed up and George began as the salesman-a role in which he knowledge, gift of communito establish lasting bonds with customers.

Not long after, George approached Santo with what he believed to be a great busitwo pursued it.

"We went to Kansas City company in Canada, you're plained Santo.

Thus, George was integral in securing Broderson as road to places in Ontario, of topics allowed him to fosa partner and, ultimately, made sales calls out west ter connections with many bringing its line of industrial carry deck cranes to Canada.

very few Broderson machines in Canada. Right time," said Santo. now, there are thousands.

reached out to George company become a pioneer many and, ultimately, was est people I've ever met,"

In his younger days, equipment.

his own sketches and line and President at Versalift. drawings to describe the

the road often, meeting with what cranes were best suitness opportunity, and the potential customers and ed for intended jobs—old serving existing ones.

and had a meeting with 1980s, George travelled to to what it is today," wrote Broderson Manufactur- Germany in the hopes of Sandra Clarke, who worked ing Corporation and after securing a railroad recovery with George at High Reach that hope." a while the owner said, 'If crane (Takraf GmbH) for a for thirty years. you want to represent my national railroad company.

Within Canada, he repremore than welcome," ex- sented High Reach from coast to coast.

to British Columbia paper different types of people, mills, went as far east as New leaving a lasting impression Brunswick and to the Pot- with many. "At the time, there were ash Mines in Saskatchewan, gaining one customer at a very smart, unique way. He

ist, which would come in business conversing with man. His integrity is what handy as High Reach began people every day and it is I admired," wrote Sandra its marketing for Broderson usually just the weather and Clarke. how are you. With George it At first, Broderson didn't was the State of the Union scribes him as 'wry, dry could exercise his wealth of have any marketing material and much more, and you and absurdly funny,' but available, so George took really felt like you connectcation, honesty and integrity it upon himself to make ed," said Gary Dick, Owner

> "George knew his cusequipment and their specs. tomers, provided the best to misingly committed to an George would set out on customers, guided them on ethic of justice, and carefully school customer service that For example, in the mid- helped build High Reach up

Wry, dry and absurdly funny

Outside of business, George's quirky traits and "George went out on the knowledge of a wide range

"George was weird in a didn't pursue university but His hands-on approach as far as knowledge, he was

"George was a smart, "A person goes about his funny, charming and honest

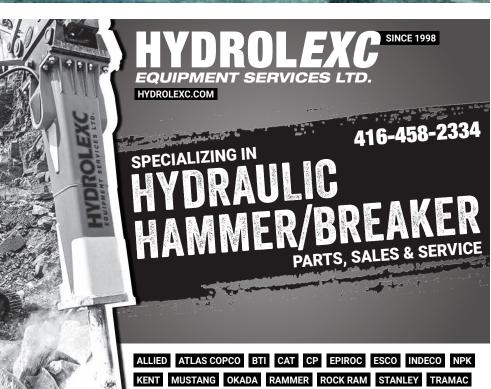
> George's obituary denot before illustrating the humanitarian perspective he brought to the world.

> "George was uncomproconsidered the impacts of global systems on vulnerable people," it reads. "He believed a more equitable world was possible and he never stopped championing









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deck screen box. CAT diesel power.

2022 TS2430 TRACKED SCREENING PLANT - 5'x14' double deck screen box. CAT diesel power.

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AGGREGATE & QUARRIES





McCloskey International has unveiled the (12 ft 10 in) high stockpile, and quick release features for hard rock applications.

The J4 builds on the features of the existing design, while adding new productivity with an exciting line-up of features and options aimed at boosting productivity and offering enhanced durability across applications.

Designed to withstand the toughest conditions worldwide, the J4 delivers high production due to its innovative jaw chamber design and enhanced material flow. The large $1060 \,\mathrm{mm} \,\mathrm{x} \,700 \,\mathrm{mm} \,(42 \,\mathrm{in} \,\mathrm{x} \,28 \,\mathrm{in})$ jaw opening accommodates large feed sizes, contributing to higher production in material processing.

better sizing of material with a variety of mesh options. Options of either a short pan feeder to suit the pre-screen or a double deck grizzly pre-screen are available, ensuring suitability and better sizing of material based on the required end product.

According to McCloskey, the J4 leads its class in size and number of decks, offering a choice of either a two deck or one and a half deck system. The two-deck delivers an extra product spec over the mid-size product conveyor. The J4 is the only jaw crusher that offers oversize recirculation for a higher end product specification.

Stockpiling with ToughFlex

McCloskey claims that the J4 delivers industry-leading stockpiling, with its wide main and side conveyors enhancing material flow. ToughFlex main conveyor boasts a 3.912 m capability on the isolator all contribute to

new J4 jaw crusher, boasting powerful new and ground level access make for easy maintenance and service.

> ToughFlex is constructed with a special weave of 2 fabric plies and an additional binder warp (without the need for steel wire) resulting in reduced belt weight. The plies are reinforced to resist puncturing and are protected with heavy duty wear resistant top and bottom covers. At the end of its lifespan, ToughFlex belts can be easily recycled unlike belts reinforced with a metal ply.

While a side conveyor remains an option for many jaw crushers in its class, the J4's integral folding conveyor is standard and The material path is enhanced with the 1064 has an 650 mm (26 in) adjustable speed belt mm x 4247 mm (41.9 in x 167.2 in) grizzly fueling a stockpile height of 3.44 m (11 ft 3.6 pan feeder under the hopper that allows for in). In addition, the recirculation conveyor can be rotated 90 degrees to be used as a stockpiling conveyor.

Portability

According to McCloskey, its engineers have designed the J4 to meet the evolving requirements of today's projects and operations. Despite the position of the J4 as a powerhouse, portability has not been compromised. Mobility on-site and between sites continues to be a feature with remote control tracks to easily move and position the crusher and maximize the efficiency of any project site.

Safety and security

The J4 is equipped with a number of features to ensure the workplace and the operator are secure. Engine safety shutdown systems, start-up alarms, full safety guarding, The angle adjustable 1200 mm (48 in) wide external maintenance access and a tagout





the safe operation and maintenance of the McCloskey International. "We have always equipment. Ground level access also profor the operation.

"The J4 continues the momentum for our jaw crushing product range, as we continue to develop new products that meet the evolving needs of our customers across industries," said Toni Laaksonen, senior vice president,

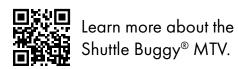
designed our equipment to ensure it contribmotes safety, and allows for quick service utes to the productivity and business success and maintenance, reducing the downtime of these operations. As a company that is involved in the handling and processing of the earth's resources, we also have our sights set on sustainability. Our next commitment to an environmentally responsible strategy will be the introduction of our electric crushers, scheduled to be available in 2023."



Designed with safety and operator comfort in mind, the Shuttle Buggy® material transfer vehicle features adaptive cruise control, bright LED lighting, four-wheel steering for easy transport and ground-level maintenance access for added convenience. Operators can rely on clear sightlines and the ground operator is safely protected inside the structure of the machine. The Roadtec SB-3000 is the perfect blend of traditional craftsmanship and modern technology.



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Volvo CE upgrades electric loaders as North American deliveries begin

ment has upgraded its deliveries start soon. Both a full charge from zero is only zero-emissions, low-noise L20 and L25 Electric compact wheel loader just as deliveries are starting in North America, meaning every customer here will tomers will receive the optional off-board DC fast get the new versions of the updated L25 and L20 Elec- chargers at 11.5 kW or 17.3 machines with enhanced uptime, versatility and operator comfort.

The updates include increasing the maximum speed to $20 \,\mathrm{km/h} (12.4 \,\mathrm{mph})$, the option to fit a parallel linkage that delivers high breakout torque in various applications, additional operator-friendly features, and improved charging.

"As the first commercially available fully electric wheel loaders on the market, the L25 Electric and L20 Electric defrosted cab. were already unique. These upgrades take them to another level with improved comfort, productivity and uptime," said Lars Arnold, electromobility product manager, Volvo CE.

Increased comfort and convenience

The L25 Electric compact wheel loader was unveiled in 2019 and customer shipments began in Europe in the spring of 2020 and in North America this past summer. Volvo CE began accepting orders for to cut costs and machine the L20 Electric earlier this downtime.

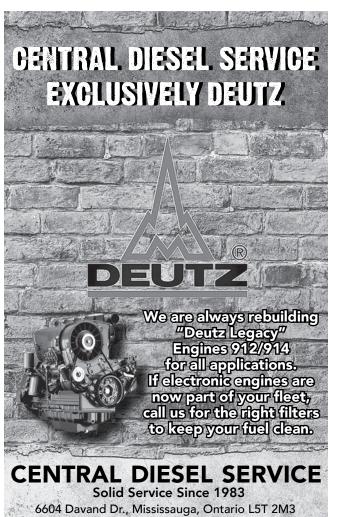
Volvo Construction Equip- year, and North American models offer zero exhaust emissions, lower noise, and board charger if used with a comparable performance to 240V socket or level 2 public diesel equivalents.

> All North American cus- charging is available with tric models. The upgrades kW. ■ include lower noise levels inside and outside the cab, thanks to a new hydraulic pump and the relocation of the main control valve from the cab to the front frame.

Additionally, operators in colder climates will appreciate the new programmable cab heater option, which allows them to easily choose the times and days of the week when they would like to arrive in a prewarmed and

Operator comfort is also enhanced, thanks to a more ergonomic joystick with the latest design on the market.

A new electric parking brake improves uptime with hill-hold functionality: a convenient automatic feature for operators working on inclines or rough terrain. And because the disc brake in the former model is now replaced by a spring-applied and hydraulic-released wet-disc brake, related maintenance requirements are removed, helping



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G. Tackaberry & Sons Construction purchases milestone Warrior 1800

facility in Dungannon, Ire-

For over 20 years, and demolition aggregates over 50 pits and quarries, Ltd.

woven mesh and punch struction.

have relied on the Pow- "milestone" Warrior 1800

In July of this year, Power- and topsoil applications. George Tackaberry & Sons screen announced that the With low ground pressure Construction has served production of the 1,800th crawler tracks the Warrior Eastern Ontario for over 65 Powerscreen Warrior 1800 1800 is highly mobile. The years, supplying aggregates was complete and heading screen accepts a wide range and services such as earth to Powerscreen of Canada of media options including / rock excavation coupled from their manufacturing bofor bars, finger screens, with asphalt and road con-

"We have been dealing Recently, G. Tackaberry with George and the Tackamedium to large operators & Sons purchased the berry family for over 40 years and during that pererscreen Warrior 1800 in to screen sand and orna- iod have enjoyed a mutually applications requiring high mental stone at their pit rewarding relationship, and capacity and throughput. in Seeley's Bay, making it we look forward to many It is a heavy-duty ma- an integral part of a num- more years of continuing chine built for screening, ber of Powerscreen units business. It is a pleasure 2 or 3-way splitting and which Tackaberry employs working with them." said stockpiling in quarrying, in their aggregate pro- Brian Farmer, founder of recycling, construction cessing operations. With Powerscreen of Canada



From left to right: Charlie Tackaberry, Brian Farmer, George Tackaberry, Kevin Tackaberry.





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Keestrack showcases ZERO drive at bauma

ZERO-drive machines, preat bauma 2022.

Back in 2012, Keestrack ager at Keestrack. introduced electric drives plug-in with onboard diesel/ plug-in is available.

frame of the machine.

"Keestrack has a strong reputation on innovative and cost-effective equipment the best performance at the lowest cost per produced

Keestrack has introduced ton and using the best drive duces ZERO-drive machines, system possible—this means which do not have comsenting a selection of them going electric," said Marcel bustion engines on board. Kerkhofs, marketing man-

with the e-drive—an electric systems are the greenest and most effective options on draulics systems. gen-set, in case no electric the market, as they are more efficient than convention- is at the core of our company The e-driven machines al hydraulic systems. But as this is the origin of our evolved to equipment with it also makes the end-user business. a drop-off engine/gen set less dependent on a specific unit that could be placed next engine supplier. If there is valuable raw materials is to the equipment or on the no electric plug-in available the end-user can choose his own gen set or select one of the Keestrack (tracked)engine/gen-set units," said Kees with a relentless search for Hoogendoorn, President of when compared to conthe Keestrack Group.

Electric motors drive most of the mobile crushing and "At this point electric drive screening equipment and power some necessary hy-

"A focus on sustainability

Producing and recycling what mobile crushing and screening is all about", says Frederik Hoogendoorn, vice president, Sales & Marketing.

According to Keestrack, ventional diesel-hydraulic Now, Keestrack has intro- units, diesel-electric driven bigger, (depending on the

may even decrease by 70% and stackers are powered directly via the plug-out **14e**: supply of an upstream or downstream electric crusher. When plugged in to the grid savings are even

With the help of the advanced, electric ZERO drive system in the I4e, the machine offers lower wear, better quality of the end products and significant energy savings in typical applications (approximately -30% compared to cone crushers and -30 to -40% compared to VSI impact crushers in the production of sand at 0/4 mm grain size).

H7e:

The biggest machine ZERO cone crusher.

With a height over 7 m, a cone with proven technology of 26 t and options like a 2-deck pre-screen and 3-deck after screen, it weighs fully equipped 92t.

In case there is no electric plug-in connection possible

The R5e is very mobile and can be transported in one piece.

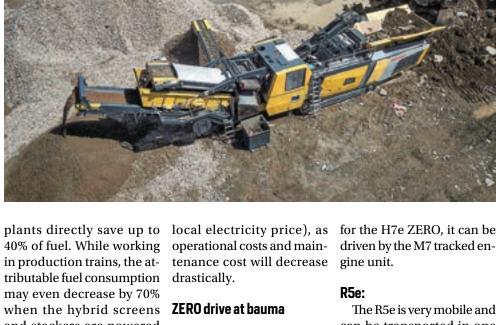
According to Keestrack, the double deck pre-screen ensures perfect screening, and the material can be stockpiled by the side conveyors.

The impact crusher is driven by a 200 kW motor and drives the rotor with an extremely high mass moment of inertia, which gives high productivity and stability.

The optional 2-deck precision screen can be placed in closed circuit and middle and fine fraction can be stockpiled as an additional option.

The R5e can power, like all shown by Keestrack at e-drives, other machinery bauma was the new H7e with its plug-out functionality. The R5e ZERO at has its drop off engine placed on the chassis of the machine, but it can also be taken off the machine. It functions as a backup when there is no connectivity to the grid available. 🗖





John Deere launches three new large-sized P-tier excavator models

latest excavator models to launch as part of the John Deere Performance Tiering strategy. The 470 P-tier, 670 offer enhanced visibility and the 470 P-tier comes with grade management.

"Excavators are known to be highly versatile and on almost every jobsite, so they need to perform day-in and day-out," said Justin Steger, solutions marketing manager, John Deere Construction & Excavators are built to deliver exceptional performance in harsh environments like aggregates, but also help operators increase efficiency and accuracy during high-production applications."

The 470 P-tier, 670 P-tier and 870 P-tier models feature standard right, rear and left

line of large-size equipment. integrated into the main mon-These machines are the itor of the machine. The LED surround lighting and stana 270-degree of the machine.

Also, the 470 P-tier model P-tier and 870 P-tier models offers optional SmartGrade technology. Included with SmartGrade, Overdig protect technology limits the bucket's cutting edge from going below the target design surface while in-cab real-time distance to target measurements help promote operator

Optional on the 470 P-tier, Forestry. "Our largest P-tier the new coupler-ready option provides factory-installed hydraulic plumbing to the end of the arm. Coupler controls are factory integrated into a switch in the cab. Compatible with multiple aftermarket coupler manufacturers, this feature allows operators to efficiently switch attachments.

All three models feature

John Deere has added three camera systems with added auto-idle technology that reversing fan helps keep the operations. With three pro-material, faster. The power new P-tier excavators to its LED surround lighting, all automatically reduces engine coolers clean in high debris ductivity modes, operators mode provides smooth and speed when hydraulics are not environments. in use, helping to save fuel. In addition, the auto-shutdown draulic system helps balance dard camera systems provide feature further preserves fuel engine performance and hy-

The large excavator hy-

the job at hand. The high propower and faster hydraul-

can select the mode that fits balanced metering for normal operation, while the economy ductivity mode delivers more mode helps to reduce engine rpm, reducing the amount of on the job, while the hydraulic draulic flow for predictable ic response to move more fuel used by the machine.







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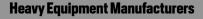












































NEW HIRES & APPOINTMENTS IN THE HEAVY EQUIPMENT INDUSTRY

Curry Supply hires Tim Henry as director of quality and customer service

Curry Supply has announced its of continuous improvement, quality, and customer service.

In this role, Tim will be responsible for innovation and continuous improvement initiatives across multi-jurisdictions. He will play a crucial part in helping to foster a culture of sustainable change by creating and embedding LEAN methodology and creating a framework for business transformation to improve the company.

newest member in Tim Henry, Economics from IUP and a master's from the sky and on the ground. who will serve as the new director degree in National Defense and War College. He is a certified Pro-

> while serving as a US Naval Officer and fighter jet pilot, accumulating over 2,200 flight hours in F-14 and F/A-18 aircraft. He has experienced five combat deployments to Afghanistan and Iraq and has had

Strategic Studies from the Naval the USS Dwight D. Eisenhower's Air Boss, leading 725 men and women ject Management Professional in carrier flight deck operations. (PMP) and a Six Sigma Green Belt Upon retiring from the Navy in 2016, Tim continued to support Naval Tim's professional career began Aviation as a defense contractor and Senior Program Manager in air-to-air missile developmental test programs. He has 10 years' ex- have three young adult children. perience in leading teams through Tim is new to the area and eager

"I am thrilled to be a part of the munity.

Tim has a bachelor's degree in many opportunities to lead people Curry Supply team! My first goal is to engage our customers, build His Naval career culminated as strong working relationships, and enhance the Curry Supply customer experience," stated Tim.

> When he is not working, Tim enjoys playing golf and spending time with his family. He also enjoys landscaping, carpentry work, and cabinet making. Tim and his wife Whitney live in Hollidaysburg and continuous improvement projects. to get involved in the local com-



Tim Henry

Angela Lentz named chief people officer for Daimler Truck North America

Daimler Truck North Amer- Progressing through roles of ica (DTNA) has announced increasing responsibility, she that Angela Lentz has been became director of project appointed to chief people controlling in 2015, followed officer (CPO) for DTNA and by director of procurement its affiliated companies in for mechatronics and Mexico the United States, Canada, Mexico and Australia. She took on the role of generalso joins DTNA's Operating Committee (OpCom), along with the Daimler Truck AG Human Resources OpCom. In her role as CPO, Lentz gela Lentz serve in the role Angela Lentz will be responsible for all of chief people officer. Her aspects of Human Resources, including performance ranging from finance to management, learning and development, labor relations, corporate security and corporate real estate.

Lentz began her career as a buyer in the purchasing department at DTNA in 1997.

truck and bus. In 2021, she al manager of aftermarket and strategic value chain and technology.

"I am pleased to have Anproduction to aftermarket, extensive leadership experiunquestioned as is her dedithat celebrates diversity," said moving."



broad-based experience John O'Leary, president and CEO of Daimler Truck North America. "Angela will represent the over 26,000 talented ence and drive to get things DTNA employees who are across the finish line are proud to design, build, sell and service the commercial cation to assembling a team vehicles that keep the world

Sandvik appoints new president of Mining and Rock Solutions

Sandvik has appointed Mats Eriksson as President of Sandvik Mining and Rock Solutions (SMR) and new member of the Sandvik Group Executive Management.

"Mats Eriksson is an experienced international leader who has successfully delivered strong results and growth for the Load and Haul division. He has also been instrumental in the development of our world-leading offering of battery-electric vehicles. Mats Eriksson has a strong track record of developing high-performing leaders and organizations, and I am confident that he with his solid background and capabilities Mining and Rock Solutions business area," says Stefan Widing, president and CEO of Sandvik.

President of the Load and Haul division. Korea.



Mats Eriksson

His previous experience includes being will be a great President of the Sandvik President and CEO for two listed companies, Cencorp Oyj and Salcomp Oyj.

Additionally, he has held leading positions for several other companies, Mats Eriksson was born in 1962 and is building businesses and operations in a Finnish national. He joined Sandvik in countries such as Singapore, Malay-2016, when he assumed the position as sia, China, India, U.S., Brazil and South

Sara Vincent joins JLG and JERR-DAN as director of marketing

for the Access segment.

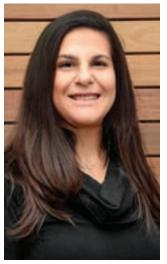
In this role, Vincent will munications initiatives for to this role that will sup-JLG mobile elevating work port JLG's and Jerr-Dan's Dan towing and recovery says Tim Morris, JLG senequipment in North America and Latin America.

Vincent brings nearly 20 to this role, most recently as the Vice President of Marketing for Arete, a global cyber risk company. She also has vast experience in the telecommunications industry, having led branding, public relations, channel JLG and Jerr-Dan teams transitioned to her new initiatives for both T-Mobile tributing to our continued Global Branding and Comand AT&T. Vincent holds a success," says Vincent. "It's munications for Oshkosh Bachelor of Arts degree in an exciting time to bolster Corporation.

Oshkosh Corporation com- Journalism from the Unipanies JLG Industries and versity of Maryland and is Jerr-Dan Corporation have a student in the Master of hired Sara Vincent as the Business Administration new Director of Marketing program at the University of Baltimore.

"Sara brings a wealth of lead marketing and com- knowledge and experiences platforms (MEWPs) and continued leadership in telehandlers, as well as Jerr- North and Latin America," ior vice president of sales, marketing and customer support. "She understands years of communications how to create strategic marand marketing experience keting initiatives to achieve our goals, and as she gains the team's efforts to increase deeper knowledge of our the presence of these iconic, businesses and operations, she'll be a valuable resource for the company in reaching our customers."

marketing and new-market and look forward to con-



Sara Vincent

innovation-driven brands in the Americas."

Vincent takes over the company's efforts from "I am excited to join the Jennifer Stiansen, who has role as Vice President of

Rev Group promotes Wes Downing to divisional VP and GM

REV Group, which includes specialty vehicle manufacturers Capacity terminal tractors and LayMor street sweepers, has announced the promotion of Wes Downing to vice president and general manager, Specialty Division.

This role oversees the Capacity of Texas, LayMor and associated aftermarket parts businesses based in Longview, Texas. Downing will report to Brian Perry, president of REV Commercial and senior vice president of operations.

Downing joined REV Group in January 2018 as the warranty manager for Capacity and LayMor, quickly advancing to director of engineering a few months later. As the engineering leader at Capacity and LayMor, Downing has been a key player in the technical development and commercialization of Capacity's battery electric and hydrogen fuel cell terminal trucks.

"Wes and his team have had great success in increasing our production volumes to better serve our customers and grow market share," said Brian Perry, president, REV Commercial and senior vice president of operations. "As VP/GM, Wes will be tasked with advancing our operational execution in Longview and building-out our team capabilities for long-term, sustainable growth."



Wes Downing

Prior to joining REV Group, Downing served in key leadership positions in the surface mining industry.

He has served as an adjunct professor at Letourneau University since 2011 and has a true passion for mentoring students.

Downing holds an MBA and a Bachelor of Science in Materials Engineering (specialized in fracture mechanics) from LeTourneau University.







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CASE CX17C 2019

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CASE CX250C 2011

Ditch Bucket 36", Hyd thumb # CO-01321 | Val d'Or



CASE 570LXT 2000

EQ0030051 | Vars



CASE 721E 2007

#EQ0029988 | Vars



KOMATSU PC35 MR 2007

Mec Quick att, Bucket 24" & 36" #9500 | Quebec



VOLVO A35 1993

6WD, New rebuilt transmission # A35V2166 | Val d'Or

30 500 hrs



CASE CX350C 2014

No attachments 11 641 hrs 124 900\$ #EQ0030276 | Vars



JOHN DEERE 648G 2004

Blade & grapple # EQ0030083 | Vars



NEW HOLLAND BOOMER 3050 2016

Pronovost blower, Front blade 6-10 # EQ0027120 | Varennes



CASE 2050M STR PT WT/LGP 2019

Push Blade (semi U), Rear winch # EQ0025663 | Varennes



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2012 D3K2 LGP 2,080 HOURS, 6 WAY BLADE, CAB.



2018 CAT 950 GC 1,370 HOURS, FUSION COUPLER, 4.5YD GP BUCKET



2018 CAT 336FL 4,890 HOURS, Q/C, AUX HYD, 12'10 " STICK, 54" BUCKET.



2018 CAT 308E2 CR 1,430 HOURS, Q/C, BUCKET, THUMB, . FOR RENT



2019 HITACHI ZX225 USLC-6 2,900 HOURS, Q/C, AUX. **2018 CAT 963K** 3,760 HOURS, 4 IN 1 BUCKET, CAB. HYD.. \$209,000



..FOR RENT OR SALE



2015 CAT 321D 4,600 HOURS, AUX. HYD., DUAL CONTROL, Q/C, TIER 3.. \$188,500



2006 CAT CS-563E 5,250 HOURS, OROPS, 84" SMOOTH



2021 CAT CS78B 650 HOURS, 84" SMOOTH DRUM, CAB, AC. **FOR RENT**





2019 VOLVO ECR355E1,700 HOURS, Q/C, BLADE, AUX. HYD. **2019 CS66B** 151 HOURS, 84" SMOOTH DRUM, CAB, AC. **FOR RENT OR SAL FOR RENT OR SAL** FOR RENT OR SALE

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