ISSUE

EQUIPMENT JOURNAL

IATIONAL HEAVY EQUIPMENT NEWS. DELIVERED. SINCE 1966

FOCUS: DEMOLITION & WASTE / ROADBUILDING

PUBLICATIONS MAIL AGREEMENT: 40063867











northtorontoauction.com

Barrie, ON ONLINE ONLY

February 8th, 2023

Barrie, ON ONLINE ONLY COMING... March, 2023

Ancaster, ON ONLINE ONLY COMING... April, 2023

Consign Today! Consignment Commission Capped For Sellers

1-888-376-3155 • AllStarAuctions.ca
44 Line 9 South, Oro-Medonte, ON LOL 1TO

















We're Hiring Mechanics and Technicians







Keep maintenance costs low and productivity high with Brandt's machine inspections. Our technicians are trained to assess and repair all machine makes and models, delivering expert recommendations and repairs.

Keep your equipment running strong with:

✓ Machine Care Inspections ✓ Warranty Inspections

✓ Pre-Work Inspections

✓ Undercarriage Appraisals

Ensure your fleet is in top condition so you can stay productive and profitable. Contact your local Brandt representative for details and pricing





Genie launches hybrid and electric lifts in NA



EJ's Top Equipment **Introductions of 2022**



Komatsu acquires German manufacturer



EQUIPMENT JOURNAL

A8

NATIONAL HEAVY EQUIPMENT NEWS. DELIVERED. SINCE 1966



January 16, 2023

CONNECT WITH US











FEATURED **EQUIPMENT**

DEMOLITION & WASTE



B3

FEATURED **EQUIPMENT**

ROADBUILDING

ADVERTISER INDEX JANUARY 16/2023 Am Cast Canada Industries A17 Bob Mark New Holland A20 Bobcat Dealers B4 Brandt Used Equipment B8 Bull Powertrain B6 Canadian Concrete Expo.......B12 Central Diesel Service......B13 Creighton Rock Drill Limited.......A1,A16 D/S Manufacturing.......A13 Equipment Sales & Service Limited.......A1 Harding Equipment A8 High Reach Inc......A8 Hub Equipment B16 Industrial Trailers B10 Jade Equipment......B5 JBL Truck & Equipment Appraisal...... A7 JT Equipment A4 LubecoreA1 Lund Appraisal Svc. A19 LSW Wear Parts Ltd. B13 Marcel Equipment Limited A1,A6 McDowell B Equipment Ltd......A1,A10 OBW Equipment...... A1 Pine Ridge Lisco Edwards.......A14 Sennebogen B2 Strongco Corporation A15 Sutton Stromart A16 The St. George Co.......A5 Toromont CAT B1 Vermeer Canada B6 Wirtgen...... A23 **AUCTIONS**

LETTER FROM THE EDITOR

Exploring the potential of hydrogen fuel cells in construction

use of hydrogen as a fuel for construction equipment being in the 1970s.

However, it wasn't until the 1990s that hydrogen fuel cell technology became more widely adopted in the construction industry.

In the early 2000s, several companies began to produce fuel cell-powered forklifts and other types of equipment.

Today, hydrogen fuel cells are used to power a variety of construction equipment, including excavators, bulldozers and cranes. Hydrogen fuel cells offer a number of benefits for the construction industry and their use is likely to expand as this technology becomes more advanced and cost-effective.

Hydrogen fuel cells are a clean and efficient source of

Hydrogen fuel cells have power. They produce elec- have a strong commitment to been used to power con-tricity through a chemical struction equipment for sev-reaction, rather than burning eral decades, with the first fossil fuels, which means they do not produce greenhouse gas emissions or other air pollutants.

> Also, they have a high energy density, which means they can store a lot of energy in a small space—an attribute that is very useful in an industry like construction, where space is often at a premium.

> Hydrogen fuel cells are durable and can last for many years with proper maintenance, which is another quality that makes them a good choice for the construction reliable power sources.

drogen fuel cell-powered heavy equipment is gaining

the use of clean technologies and a well-developed hydrogen refueling infrastructure.

Some of the countries where the technology is most popular include Japan, South Korea, Germany and the United States.

In Canada, hydrogen fuel cell-powered equipment is becoming more widespread.

For example, the Burnaby, British Columbia-based company, Loop Energy, has garnered attention for its work with hydrogen fuel cells, earning investments from companies like Cummins.

Fuel cell-powered dozers, industry, where machines excavators and other types often operate in harsh en- of construction equipment vironments and require are also being developed and tested in Canada. Some For these reasons, hy- of these projects are even being supported by the Canadian government, which popularity around the world, has provided funding for particularly in countries that the development of fuel cell



Max Carrington // Editor editor@equipmentjournal.com

technology through programs such as the Hydrogen Early Adopters program.

While cost and refueling infrastructure can pose barriers to the adoption of hydrogen fuel cell technology in Canada, it is likely that this technology will continue to play a significant role in the construction industry as it becomes more widely available and cost-effective.



CONTACT US

Editor

Max Carrington editor@equipmentjournal.com

PACE PUBLISHING LIMITED

EQUIPMENT JOURNAL

5160 Explorer Drive, #6

Mississauga, ON, L4W 4T7

Publisher

Mark Baker mark@equipmentjournal.com

Sales Manager

Tara Rosen tara@equipmentjournal.com

National Account Manager

Mona Fahmi

mona@equipmentjournal.com

LOCAL: (905) 629-7500

TOLL-FREE: CDN/USA 1-800-667-8541

Creative Director/Creative Services

Ryan Chuhaniuk ryan@equipmentjournal.com

Circulation Manager

Lisa Bath

lisa@equipmentjournal.com

EMAIL US:

advertise@equipmentjournal.com

WEBSITE:

www.equipmentjournal.com

OFFICIAL SOCIAL MEDIA ACCOUNTS



Canada



(O) @equipmentjournal



in Equipment Journal

EQUIPMENT JOURNAL IS AN AUDITED PUBLICATION





Published every third Monday at 6-5160 Explorer Dr., Mississauga, (Toronto). Subscription \$44. per annum or \$72. for 2 years including applicable tax., Payable in advance. Single copy \$3.95. Authorized as Publications Mail Agreement No. 40063867, by the Post Office Dept. Ottawa and for payment in cash. Advertising is accepted on the condition that in the event of typographical error, that portion of the advertising space occupied by the error together with reasonable allowance for signature will not be charged for, but the balance of the advertisement will be paid for at the applicable rate. In the event of a typographical error advertising goods or services may not be sold. Advertising is merely an offer to sell and may be withdrawn at any time. We reserve the right to reject or refuse any or all advertising. Equipment Journal permission is required to reproduce original ad layout, artwork and photos. H.S.T. # 10403 7957 RT

World of Concrete projects growth, announces new pavilions

and masonry industries, slated for January 17-19 with education beginning January 16 at the Las Vegas Convention Center.

of Concrete continues to grow as a global hub for construction buyers and sellers, offering more expert-led sessions than ever with inspiring interaction.

The concrete and masonry conference plans to host expo hall, spanning more than 700,000 square feet of

"World of Concrete is one of the major sources come in production, materi-Jackie James, vice president of World of Concrete. "This year welcomes an intentionadvancements in materitrucking sector and recognized areas of continuing community impact."

New this year, the North Hall will host the Autoclaved Aerated Concrete (AAC) Pavilion featuring revolu-Solutions from internationally renowned experts. The consecutive year, The Con-AAC Pavilion will focus on crete Industry Management

serving the construction traditional concretes, retoday reveals its agenda for steel and cement 20 to 27%. including thermal insulaand fire resistance.

> Also new to the 2023 ediprogram showcasing top-ofthe-line work trucks.

Presented by Modern dedicated space shows innovations in design and configuration of work trucks over 1,000 exhibitors in the and innovative accessories that will provide contractors with increased safety indoor and outdoor exhibit and productivity across the evolving demands of the trucking market.

"The World of Concrete of growth for the concrete recognizes its unique and masonry industries position to promote underas the global community utilized markets," remarks continues to seek what is to Kevin Thornton, senior vice president of construction als and market trends" says at Informa Markets. "It is our priority to offer opportunities for future concrete professionals to access edual range of new initiatives cation through accredited bringing to the forefront industry management programs, professional asal ingenuity, growth of the sociations directly serving equality and diversity in the workforce, as well as sustainability efforts. World of Concrete celebrates progress in the business while also providing a platform to discuss and train on the tionary Production Plant critical topics of tomorrow."

Returning for the 18th

World of Concrete, Informa the upsurge of aerated ma- (CIM) program will hold of Concrete Professionals, Markets' premier exhibition terial, weighing less than its Silent & Live Auctions onsite, Wednesday, January ducing structural costs for 18, to raise funds for the program that provides students trials and triumphs faced the upcoming exposition, AAC serves many benefits with a four-year Bachelor of in the field. Science degree in Concrete tion as well as water, insect Industry Management. CIM the construction industry has developed into a key resource for populating the highest and expected to In its 49th edition, World tion, World of Concrete will concrete industry with tallaunch the first ever Work ented individuals, offering Truck Live!, an interactive the program across five universities strategically placed for ease of access.

Hosting its inaugural before to fuel the industry WorkTruck Solutions, the panel featuring all-women,

the leading association for female professionals in concrete, will address trends,

as of 2022 currently at its maintain steady increase year over year. World of Concrete proudly showcasthe Women's Association management and leader- February 21.

ship to emphasize resources for women in the trade.

The Innovative Products dustry, World of Concrete Women represent 14% of manufacturers and service providers the chance electricity in 2023. to showcase the most cutaudience will vote on prodconstruction and concrete entered into the program. community and encourages The winners will be an-

Above all, as sustainability continues to be an increas-This year, World of ingly critical focus in the Concrete also launches concrete and masonry in-Award program to provide aims to lower carbon output by introducing renewable

JANUARY 16, 2023

These efforts are estiting-edge solutions in the mated to save 204 tons of industry. World of Concrete carbon dioxide, significantattendees and the WOC360 ly reducing show carbon emissions. This initiative es women impacting the ucts and services that are will be integrated through solar light panels sponsored by Sunbelt and renewable discussions from ownership, nounced after the expo on energy sources sponsored by White Cap.



YOUR HEAVY EQUIPMENT **RENTAL HEADQUARTERS!**

Tri-City Equipment is a 100% privately owned Canadian corporation

1-800-646-2064

CALL OR TEXT

RYAN ARMISHAW (519) 240-4672

DAVE ZAPPITELLI (226) 962-6106

SERVICE REBUILD SHOP, AFTERMARKET PARTS & REPAIRS AVAILABLE



84" Padfoot Roller - smooth drum also available. **CAT 12M** - multiple units available. 54" and 66" also available.





25, 30, 40, 45 TON TRUCKS - available with tailgates + floatation tires



HITACHI ZX490 - Q/C, aux., hyd. choice of bkt. CAT





60 FOOT LONG REACH – choice of buckets, 250



These are inexpensive and readily available. This feature makes the RotoCrusher the most economical machine in its class to operate.





CAT 930/950- aux hyd, available w/bucket or



CAT 349 - Available with hammer.



BUCKETS - Brand new and used for most classes. Hammers also available



2020 LINKBELT 145 X4, Blade, zero tail, Q/C,



CAT D5K LGP - grade control, A/C, 6 way blade.



2006 VOLVO A25D - approx 18,500 hrs. Currently working daily. Serviced and ready to go!



CAT 318 Wheeled Excavator - VA Boom, Q/C, aux., hvd. Choice of attachments.



CAT D6T - 6 way blade, ripper, grade control. D6N also available.



KUBOTA SVL65 - Available with bucket & blade - SVL75 also available for rent.



SALES, RENTALS & RENTAL PURCHASE

LONDON, ONTARIO, CANADA

Contact John or Mark at: 1-800-265-5747 or 519-686-1123 Email: sales@marcelequipment.com



REBUILT CAT 826H COMPACTORS - 0 Hours
Components Rebuilt, Complete Machine Recondition, 3 year CAT Component Warranty.
40 Compactors to choose from.

UNITS SOLD WITH WARRANTY WE ALSO RENT EQUIPMENT

CONTACT MARK or JOHN 1-800-265-5747 or 519-686-1123



RECONDITIONED / REBUILT CAT 816B/F/K
LANDFILL COMPACTORS | Choice of 18 - Yes 18
Work Ready with Warranty.



CAT 980M (2019) - 6,765 HoursAggregate Handler Spec, GP Bucket, Payload System, Inspected, Serviced, All Repairs Completed.



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



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



CAT 988H (2012) - 18,850 HRSChoice of Tires, Choice of Bucket, Maintained by Cat Dealer since new, Auto Grease.



CAT 988K (2014) - 14,955 HoursSpade Bucket with Teeth, Rebuilt Engine, Inspected,
Serviced, All Repairs Completed.



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



KOMATSU WA500-8 (2016) - 8,653 Hours 8 CYD Bucket, 29.5R25 Tires, Bucket Scale, All Servicing / Repairs Completed



CAT D6T LGP (2019) - 7,645 HRS
VPAT Blade, 31" Track Shoes, Drawbar,
CAT Dealer Maintained since New.
Ripper / Winch Available



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



VOLVO A25G (2017) - 6,850 HRS
23.5R25 Tires, Rear-View Camera, Inspected, All
Needed Servicing and Repairs Completed.



CAT 730C (2015) – 9,988 Hours23.5R25 Tires, Rear Camera, All Needed Servicing and Repairs Completed. Tailgate Available.



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



CAT 745C (2015) – 7,340 HRS Inspected, Serviced, All Needed Repairs Completed, Rear Camera, Tailgate Available.



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

Zoomlion now producing excavators every 6 minutes

On the occasion of its 30th Anniversary, Zoomlion Heavy Industry Science & Techexcavator exclusively through intelligent Zoomlion Smart Industrial City ("Smart agricultural machineries, AI and more.

production scheduling, industrial AI, digital twin and industrial internet, Zoomlion's IM is now producing excavators on average every six minutes.

Zoomlion's Excavation Machinery Smart Park has seven workshops and 61 intelligent production lines, six of which are fully unstaffed production lines.

collection rate, it has fully functional IM operations from material preparation, welding, machining, painting, assembly to debugging, and is one of the most advanced IM factories in the world.

capacity of 50,000 units of excavators with a comprehensive tonnage range of 1.5 to 50 tons, and annual output value reaching 30 billion yuan (CAD\$5.73 billion).

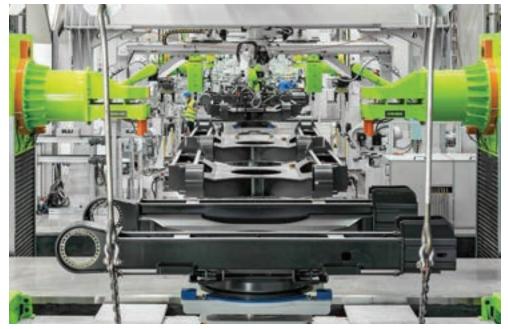
Zoomlion Smart Industrial City has four main smart parks of concrete, mobile crane, nology has successfully produced the first aerial work and excavation machineries, four spare parts centers, eight national-level manufacturing (IM) in the Excavation innovation platforms as well as R&D and Machinery Smart Park which is part of the product incubation bases for intelligent

As a pioneer of frontier technologies, Leveraging the technologies of intelligent Zoomlion has innovated more than 150 industry-leading technologies, built eight world-leading lighthouse factories, over 300 intelligent production lines and 20 unstaffed production lines with full 5G coverage.

Technology innovation spanning three decades

For 30 years, Zoomlion has continuously With a 100 percent key process data promoted transformation and innovation to establish strong core competitive advantages, and recent intelligent, digital and green transformation initiatives have achieved significant results.

The Smart Park has an annual production is integrating cutting-edge technologies including 5G, big data, industrial internet, AI, and blockchain to build 14 lighthouse factories simultaneously, and set a new industry benchmark.



With the Smart City as the core, Zoomlion manufacturing in Zoomlion's IM factories has achieved a 100 percent product passing rate while reducing the production cycle producing excavators on average every six time by 55 percent.

> In addition to the Excavation Machinery Smart Park, Zoomlion has built the world's

The convergence of digitalization and biggest tower crane IM factory, key hydraulic components industrial park and the Yuanjiang mixer truck IM Industrial Park, minutes, tower cranes every 18 minutes and mixer trucks every 18 minutes.

Lion Electric announces production of first proprietary lithium-ion battery pack

The Lion Electric Company Chief Operating Officer. "I technology advancement is expected to have an ana leading manufacturer of am incredibly proud of our and vehicle integration. all-electric medium and of its first lithium-ion battery pack at the company's port in making it a reality." battery manufacturing facility located in Mirabel, Quebec.

Final certification of the first battery pack is expected in the first quarter of 2023, followed by a gradual ramp up of production in 2023.

Lion intends for the first batteries produced in Mirabel to power the Lion5 truck and the LionAmbulance, which is expected to reach commercial production in the first half of 2023.

"The production of our first battery pack out of our Mirabel battery facility is an important step for Lion and should, over time, bring with it a new level of optimization for product design and production efficiency," said Yannick Poulin, Lion's

team for the continued adgovernments for their sup-

According to the comturing facility, once fully platforms, while also offerkey market advantage, with benefits. vertical integration provid-

heavy-duty urban vehicles, vancement of this project, typically the most expensive battery capacity. This news today announced that it and I am very thankful to component of an electric has completed production the Canadian and Quebec vehicle, the company claims that this new manufacturing capability should have a direct impact on Lion's depany, it expects the new velopment of medium- and Mirabel battery manufac- heavy-duty electric vehicle operational, to facilitate a ing important economic

At full scale, Lion's bating more control of supply, tery manufacturing facility



nual production capacity Also, given the battery is of five gigawatt-hours of comes shortly after Lion's celebrated the start of production at its US vehicle manufacturing facility in Joliet, Illinois.



Jeff Lillycrop, CPPA 905-977-8402

jblappraisalservices@gmail.com

TRUCKS, MACHINERY AND EQUIPMENT APPRAISALS **USPAP Compliant and CPPAG Certified On-Site Orderly Liquidation Services**

www.jblservices.ca







Pulverizers 8



We have attachments for all your DEMOLITION, SCRAP and RECYCLING NEEDS



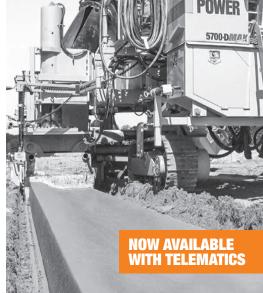
POWER CURBER 5700-D

World's #1 Selling Curb Machine

- New and Used Units Available
- GPS or Stringline Control
- Offset Mold Lock
- Quick Attach Mold System

Call or Text (905) 670-3440





AMACOCEI.COM



1-877-640-2862

info@magnumattachments.com www.magnumattachments.com 2214 Line 9, Bradford, ON L3Z 3T1

JANUARY 16, 2023

Genie launches new hybrid and electric telescopic booms in North America

ing jobsite regulations and electric technology to deliver environmental needs, Genie clean, quiet jobsite perform- mand on large jobsites for is expanding the availability of its electric S-60 DC that require less maintenance and hybrid S-60 FE boom and have a lower total cost of lifts—the industry's first ownership. lightweight, four-wheel drive class. Made available in May for customers in Europe, the booms are now also availregion.

(18.60 m) platform height,

Responding to increas- Genie's FE hybrid and DC Clean, quiet technology ance in two versatile models

"Genie's newest electrielectrified telescopic boom fied boom lifts—the hybrid boom solve this problem lifts in the 60 ft (18 m) height S-60 FE and electric S-60 DC boom lifts—deliver the reduced emissions and rugged performance modern jobsites able in North America, Latin need, along with the qual-America and the Asia Pacific ity, durability and reliability equipment owners expect With a working height of from Genie," says Sean Larin, 65.1 ft (20 m) and a 61 ft 2 in Genie Global product director. "With a best-in-class jib length the S-60 FE and S-60 DC and a low total cost of ownerlifts build on the success of well received by the industry."

There is an increasing deversatile equipment that can work indoors and outdoors, including on rough terrain. The FE and DC versions of Genie's S-60 telescopic with machines that can operate in rough terrain and have clean emissions.

With Genie's "no compromises" hybrid technology, the S-60 FE offers the performance benefits of a 4x4 diesel machine but also delivers the benefits of a clean, quiet electric boom.

work more than one week and then move indoors for

the S-60 DC and the S-60 FE—when run in full electric gle machine. This saves the performance on a single battery charge.

Additionally, the FE model's intelligent control system keeps the batteries charged and the machine ready to work by using both regenerative braking technology and stop. By charging the batteries while the boom works, jobsites can almost entirely eliminate downtime usually caused by plug-in charging.

"These booms can work The S-60 FE can be used outdoors in rugged terrain rough-terrain electric boom ship, these booms have been indoors and outdoors and at the beginning of a project,

end user needs with a sintransporting new machines to a jobsite in the middle of a project," Larin says. "For that reason, rental companies can expect a high utilization rate and strong returns on their investment."

Like the S-60 FE, the S-60 automatic engine start and DC delivers true four-wheel drive capabilities with four efficient AC electric drive motors. Additionally, the S-60 DC model offers a low weight of 17,600 lb (7,983 kg) and quiet operation for end users looking for a powerful, all-electric boom.

> The FE version weighs 17,750 lb (8,051 kg), just slightly more than the DC version, making either boom ideal for applications where

on a single tank of fuel. Both finish work, meeting multiple floor loading must be man-

At the same time, high-efmode—deliver a full day's time, money and hassle of ficiency AC drive motors on all four wheels provide similar torque as hydraulic drive motors while using 30-40% less energy. Four-wheel drive plus electronic traction management and active oscillating axles enable good performance on uneven terrain with 45% gradeability in rough terrain.

Reduced maintenance

A 24.8 hp DPF-free Stage V engine eliminates the need for after-treatment or low-sulphur fuel, reducing the time and expense of maintenance and repairs while offering instant performance—it takes just seconds to start the en-

Continued on A18





BUYING AND SELLING USED CONSTRUCTION EQUIPMENT SINCE 1971 **EQUIPMENT INC.**

450-437-8848

hardingequipment@sympatico.ca FAX: 450-430-5352



1979 SMI BM-2200 GM-453. low hours, ex-municipality. \$23.500.



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



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



SMI BK-3200 new augers, new impeller, bad motor (parts only). \$11,500.



1996 SMI 8400, 4000 tons per hour, G.M - G.M. 710 hp. \$105,000



1981 OSHKOSH R, c/w CAT 825 HP rear eng, 400 hours, 5000 tph capacity.



good condition.



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



\$57,000.



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



1975 CAT 14G, good runner

\$57.500.

JANUARY 16, 2023

Here for you, when and where you need us.

Now open in Québec City!

We are proud to announce the opening of our newest branch.

This expansion will significantly increase our capabilities to enhance our Customer Service and logistics network and deliver Liebherr products and services directly to our partners in the region.



John Deere debuts electric excavator during CES 2023 keynote

During John Deere's CES help its customers be more John Deere. "This means 2023 keynote address, the productive, profitable, and company revealed a new sustainable. electric excavator

ered by a Kreisel battery, will Jahmy Hindman, CTO at

The company claims that Deere is focused on real purthe machine, which is pow- pose and real impact," said

we're developing technology that enables our customers "Everything we do at John to provide the food, fuel, fiber and infrastructure that our growing global population needs."

> According to John Deere, provide construction workers and road builders with lower daily operating costs, reduced jobsite noise, enhanced machine reliability performance they need in the electrical grid. a machine.

quired a majority stake in Kreisel Electric, a company that creates battery technology for a wide range of mobile and stationary applications.

John Deere claims that the electric excavator will Kreisel's patented immersion cooling architecture provides unsurpassed lifetime, enhanced safety and improved performance, while its charging technoland zero emissions, without ogy results in faster and sacrificing the power and lower-cost connections to







Since 1968 McDowell | | | | | McDowell B Equipment Ltd.

416.770.7706 or 705.566.8190

bmcdowell.com

sales@bmcdowell.com

SALES · RENTALS · PARTS · SERVICE



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



2017 CAT D3K2, CAT C4.4 Acert diesel engine, 92 hp, Tier IV final, heat & A/C, hydrostat trans., stk# R130-1001



2016 VOLVO SD45, 54" smooth drum, sold new in 2019, Kubota T3 engine, blade, padfoot kit avail., 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



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



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





2013 CAT 972H, CAT C13 Acert diesel eng. 311 hp -Tier 3, heat & A/C, backup camera, snow pusher blade avail., stk# B110-176



2019 BOBCAT S550, 2 speed, heat, aux. hyd., hydraulic skid-steer coupler, complete with 68" bucket, stk# B100-887



1999 BOMAG BW142PD2, 56" pad-12.4 R20 Continental, stk# B200-107



Acert diesel eng. 88 hp, ride control, rear outriggers, stk# B110-187



2012 N&N 12' TRAILERS, Usuable 72"W & 145"L, 7920 lbs load capacity, tool box, smart battery charger, tarp & roller, stk# B210-482/3



2018 AMMANN ASC110, 84" smooth drum, 25,289 operating weight, Cummins Tier III, many models avail., stk# R200-1003























2022 IN REVIEW

TOP INTRODUCTIONS...

In 2022, there were many significant equipment introductions from various manufacturers, big and small.

From battery-electric innovations to breakthroughs in speed and power, it was a year in which manufacturers pushed boundaries.

Here are some of the equipment introductions that garnered a lot of attention here at **Equipment Journal:**

Doosan Bobcat T7X

At CES in January, Bobcat set the tone for 2022 with the unveiling of its T7X compact track loader—the first fully-electric machine of its kind.

quiet productivity and features electric actuation and propulsion. At the CES Innovation Awards, it was honoured with awards in the is second to none," says Jeff Jacobsmeyer, categories of Vehicle Intelligence & Transportation and Smart Cities.

"Doosan Bobcat is at the forefront of innovation, and we are proud to debut the all-electric technology of the T7X to help customers maximize both sustainability and productivity," said Scott Park, president and CEO of Doosan Bobcat, Inc. "Our focus remains on providing solutions and products that empower people to accomplish more and build a better world."

"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."

Link-Belt 355 X4S

In April, LBX Company announced the launch of its Link-Belt 355 X4S excavator in X4S-series.

According to LBX, the model is built upon the foundation of its X4-series, with added functionality and new features.

Also, it is the largest minimum swing radius excavator Link-Belt's product lineup, weighing approximately 78,709 lbs.

"Through customer and dealer feedback, the 355 X4S has incorporated features and performance that have come to be expected from the Link-Belt brand," said Adam Woods, LBX Manager of Innovation and Technology Integration. "The 355 X4S offers the power of a large machine at a lower weight, and the fuel efficiency and high productivity provide operators with lower daily operating costs."

Tigercat TCi 920

Also in April, Tigercat Industries announced that it had developed a purpose-built forestry dozer, the TCi 920.

The 920 is powered by the Tigercat FPT N45 Tier 4f engine rated at 101 kw (135 hp). It is equipped with a 190 mm (7.5 in) pitch heavy duty undercarriage, a responsive and efficient closed loop track drive system, strong, impact-resistant belly pan, and durable structural components throughout.

The dozer is branded under Tigercat's new

TCi badge, which will include even more equipment in the future as Tigercat Industries continues to design machines for applications beyond forest harvesting systems.

CASE Minotaur DL550

In August, CASE Construction Equipment announced the launch of the all-new CASE Minotaur DL550, opening up a new equipment category in the industry: the compact dozer loader.

Weighing in at more than 18,000 pounds and working with 114 horsepower, the new machine delivers true dozing and grading performance, as well as powerful site loading The T7X is fully battery-powered, built for capabilities and compatibility with hundreds of attachments.

> "The Minotaur is truly a fleet of one, that product manager, CASE. "Business owners and fleet managers looking for a compact solution that delivers countless benefits in a single footprint will immediately see the versatility this exciting new machine brings to their fleets and will quickly understand what a 'compact dozer loader' is capable of accomplishing."

Cat 793

In November, Caterpillar launched the new Cat 793, a hauling truck that offers up to 6% more payload than the 793F model 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.

In developing this new model, Caterpillar was able to integrate powertrain efficiency that delivers up to 10% more fuel efficiency than competitive trucks and up to a 5% lower fuel consumption compared to the 793F.

With a top speed of 60 km/h (37 mph), the North America—the flagship model of the Cat 793 offers up to 10% faster cycle times than competitive trucks.

> Also, it travels at a speed of 12.9 km/h (8 mph) on 10% grades and can navigate a maximum 25% grade fully loaded.

John Deere 200 G-Tier

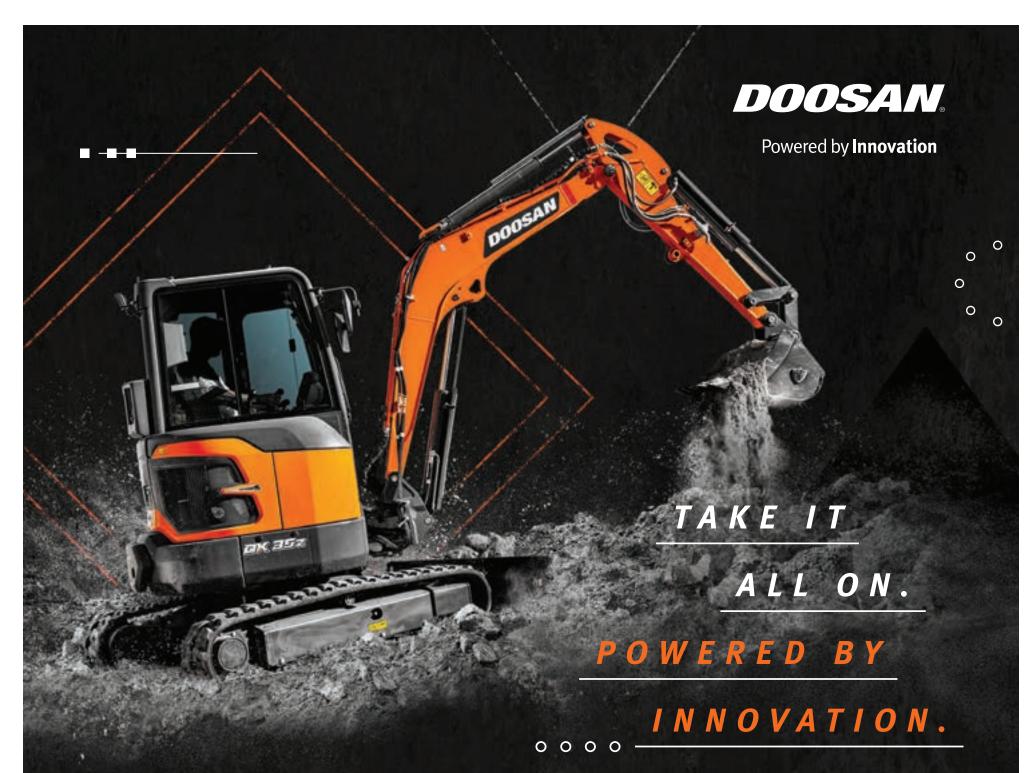
In December, John Deere added the 200 G-Tier to its lineup of mid-size excavators.

Helping to enhance efficiency and reliability without sacrificing power or torque, the 200 G-Tier's PowerTech 4.5-liter engine delivers optimal performance for operators of all skill levels.

In addition, its easy-to-maintain, high-uptime exhaust filters help decrease downtime for service while the in-monitor adjustable flow and pressure auxiliary hydraulics can be easily controlled using the auxiliary function

"Every job site is different, and our customers want excavator options that can be personalized by performance, price and operator experience," said Justin Steger, solutions marketing manager, John Deere Construction & Forestry. "Our newly expanded lineup of P- and G-Tier excavators, including the brand-new 200 G-Tier, provides machine solutions built for various applications and jobs to enhance profitability and efficiency." ■





AUTHORIZED DOOSAN DEALERS

BROWN'S INDUSTRIAL SALES

780-875-2339 doosandealers.com/Lloydminster

780-826-2399 doosandealers.com/Cold-Lake

DOOSAN OF THE PEACE

780-538-0791 doosandealers.com/Grande-Prairie

MANITOBA

AGCON EQUIPMENT

204-255-4772 doosandealers.com/Springfield-MB

L&L RENIALS

204-728-2699 doosandealers.com/Brandon

NEW BRUNSWICK

PAUL EQUIPMENT AND SONS 506-826-3289 doosandealers.com/Balmoral

506-449-3289 doosandealers.com/Fredericton

NOVA SCOTIA

EAST COAST INTERNATIONAL TRUCKS INC.

902-478-3552 doosandealers.com/Dartmouth

BRITISH COLUMBIA

DOOSAN OF THE PEACE

250-785-1197 doosandealers.com/Fort-St-John

WESTERRA EQUIPMENT

604-850-7313 doosandealers.com/Abbotsford

250-314-3600 doosandealers.com/Kamloops

250-716-0443 doosandealers.com/Nanaimo

WILLIAMS MACHINERY

250-563-0181 doosandealers.com/Prince-George

604-930-3300 doosandealers.com/Surrey

778-721-0398 doosandealers.com/Terrace

ONTARIO

BOBCAT OF HAMILTON LTD.

905-643-3177 doosandealers.com/Stoney-Creek

C G EQUIPMENT

519-826-0550 doosandealers.com/Guelph

519-236-4934 doosandealers.com/Zurich

EASTROCK EQUIPMENT INC.

613-737-3963 doosandealers.com/Ottawa

G F PRESTON

705-384-5368 doosandealers.com/Sundridge

HARTINGTON EQUIPMENT

613-372-2744 doosandealers.com/Hartington

ITEC 2000 EQUIPMENT

807-768-8584 doosandealers.com/Rosslyn

READYQUIP SALES &

SERVICE LTD.

705-268-7600 doosandealers.com/Timmins

NORTHWEST TERRITORIES

RON'S AUTO SERVICE LTD.

867-766-6025 doosandealers.com/Yellowknife

ÉQUIPEMENTS PLANNORD

450-464-8000 doosandealers.com/fr/Beloeil

418-878-4007 doosandealers.com/fr/ St-Augustin-de-Desmaures

MACHINERIE ST. PIERRE

819-824-6931 doosandealers.com/fr/Val-dOr

SASKATCHEWAN

BOBCAT OF REGINA, LTD. 306-347-7600

doosandealers.com/Regina

EARTHWORKS EQUIPMENT CORPORATION

306-931-7880 doosandealers.com/Saskatoon

YUKON

DOOSAN OF WHITEHORSE

867-633-4426 doosandealers.com/Whitehorse

Do big work in tight spaces with -7 Series mini excavators.

Not all dealers carry -7 Series mini excavators. Check with your local Doosan® dealer for availability.

Learn more at NA.DOOSANEQUIPMENT.COM

 $\ensuremath{\mathbb{C}}$ 2023 Hyundai Doosan Infracore. All rights reserved. Hyundai Doosan Infracore is an affiliate of Hyundai Heavy Industries Group. The Doosan trademark, **DOOSAN**, is used under license from Doosan Corporation.

Liebherr excavators converted to hydrogen-electric using zepp.solutions' systems

Techniek.

The systems have been used in the conversion of two Liebherr 916 Litronic wheeled excavators from diesel to hydrogen-electric by the vehicle modification specialist.

These hydrogen excavators mark the first application of zepp's fuel cell systems in the construction equipment industry.

The two excavators, both owned by Dutch contracting company Jos Scholman, have undergone six months of operational testing. The results show that the excavators are reliable and perform as expected, offering an environmentally-friendly alternative to traditional diesel-powered models as they produce no emissions other than water. Both the fuel cell system and onboard hydrogen storage system were developed by zepp.solutions.

Serving the wider construction sector

Terberg Techniek developed a conversion kit surrounding zepp's fuel cell systems. Use of this kit is not limited to this type of excavator, Terberg Techniek also plans to use it to convert other construction equipment from a diesel to a hydrogen-electric powertrain.

Zepp.solutions has delivered two hydrogen construction equipment industry due handling and maritime sectors with several storage and Y50 fuel cell systems to Terberg to increasingly restrictive regulations on OEM's and retrofitters using zepp's systems berg Techniek marks the first application of local emissions, such as CO2, noise, particulate matter, and especially NOx. Using zero-emission machinery allows contractors to bid on projects in urban or environmentally sensitive areas that may have previously been out of reach with traditional equipment. Hydrogen fuel cells provide a reliable and consistent power source for construction equipment, allowing for longer periods of operation and fewer interruptions for refuelling or recharging compared to battery-powered alternatives.

> "We are thrilled to see our fuel cell systems being used in the conversion of these Liebherr excavators and to play a role in helping the construction equipment sector reduce its carbon emissions" says Kevin Schreiber, co-founder of zepp.solutions. "At zepp.solutions, we are committed to providing innovative, reliable, and cost-effective fuel cell technology to a wide range of industries. We look forward to continuing our partnership with Terberg Techniek on future projects."

Multi-purpose system

Zepp.solutions' Y50 fuel cell systems Hydrogen is gaining popularity in the have been gaining traction in the material

for their projects. A recent example is the zepp's fuel cell systems in the construction Watertaxi in Rotterdam which was chris- equipment sector. ■

The Liebherr conversion project by Ter-

JANUARY 16, 2023 🗷 A13



Sandvik unveils new compact and intelligent development drill

Sandvik Mining and Rock Solutions has launched a highly-automated, compact, twin-boom drill for underground development and small-scale tunneling.

Sandvik DD322i is a versatile drill that can be utilized in mining or tunneling applications, and provides a high level of performance, accuracy and reliability. Sandvik DD322i has a new carrier and design, and can tram in small headings, tight corners and intersections low profile cabin and Boom Control While Tramming option.

"Sandvik DD322i was very successful and well-received by our customer during the field testing in Finland earlier this year," said Jari Talasniemi, product manager for development drills. "The site reported that almost 60 percent of their development drilling during the trial period was completed using Sandvik DD322i. It performed extremely well from day one and the Boom Control While Tramming feature was useful for their operation."

operator to simultaneously control the two booms while tramming, ensuring improved control when moving the drill and reducing potential risk of boom damage. The new SB55i booms with two roll-overs ensure improved drilling performance and accuracy, as well as high flexibility to drill crosscut and bolt holes. Sandvik DD322i hours.



can also be equipped with features such as semi-automatic drill bit changer and tele-remote drilling to make mated features in Sandvik's underground operations underground drilling portsafer and more productive.

Sandvik DD322i provides thanks to its compact size, flexibility for operations, starting from small size drifts up to 58 square metre coverage area, reaching up to 6.8 metres high and 9.5 metres wide. The new SB55i booms provide 19.3 square metres side coverage, which is over 48 percent more than its predecessor, Sandvik DD321.

The low profile cabin has been redesigned and the new larger glass doors offer 55 percent more visibility, maximizing safety and improving operator comfort while creating a modern, spacious and ergonomic working environment. Larger displays provide an improved user interface and Sandvik The Boom Control While DD322i is compatible with Tramming option allows the Sandvik's digital offering, including Sandvik Drill-Connect, iSURE, AutoMine, OptiMine and My Sandvik.

> Scalable automation packages and tele-remote drilling are available as options for Sandvik DD322i, enabling better drill utilization and continuous working hours over shift changes and during blasting and ventilation





"Sandvik DD322i offers

versatility and flexibility, and

sets a new standard for auto-

folio," Talasmiemi said.

Current stock for wheel loaders

Parts available for all Deere models & generations!

Refurbished:

Axles, park brake assemblies, control valves, & more...

Rims, sheet metal, loader booms & more...

Aftermarket:

Steps, cab glass, mirrors, & more...







E-mail: usedparts@brandt.ca Inventory: brandt.ca/ValueParts

1-877-685-4886

Cleary Stone receives first Volvo electric wheel loader order in North America

provides rock products from tomers who care about the this machine." earth, so it simply makes sense.

"We work primarily with landscapers who love the earth and enjoy making it Cleary, founder and part because it interested him. owner.

So, when Volvo Construction Equipment announced that electric compact maimmediately interested. recalled. They told their dealer conelectric machine, and he called them as soon as an hooked on the brand. L20 Electric compact wheel loader came in.

beyond for us to get the machine, including working with the state on funding to help us buy it," said Cleary.

The machine was delivered in November, marking geron, began riding along the first order fulfilment of a with him in the skid steer at fully electric wheel loader in age 3, and as the equipment North America.

first electric CWL went to a now part owner and will take company like Cleary Stone, who is passionate about

Cleary Stone has had their being a good steward of the -operated company employs eye on sustainability for a environment," said Stephen six people during their busilong time. The Richmond, Roy, president of Region est times of the year. Vermont-based business North America, Volvo CE. "The work they and their **Leading electric evolution** gravel to large slabs to cus- customers do is perfect for

From humble roots to small business success

John Cleary, who is now 82, did stone work as a side job more beautiful," said John in his younger days simply

that I didn't think was quite good enough to use, and it made me wonder: How chines were available to much would they like the order, the Cleary team was higher quality stone?" he

So he made it his full-time the switch. tact, Chris Palmer at Wood's gig. As the business grew, CRW, that they wanted an he got a Volvo EC210 midsized excavator and became easy it is to change attach-

brand's excavator and felt "He went above and like we were spending a lot of time and effort filling it up with fuel," he said. "When we switched to the Volvo, that er's truck." seemed to be cut in half."

John's grandson, Alex Bergot bigger, so did Alex's in-"We are so happy that the terest in the business. He is over someday.

In 2017, Cleary Stone purchased a conventional diesel version of the L20 compact wheel loader. They loved its size, maneuverability and versatility. So when an electric version hit the market, the team was excited.

"It felt like a no-brainer "People wanted the stone because we see the industry moving that direction and want to be on the forefront of that," said Cleary.

> Bergeron added that the quality of the machine itself is enough of a reason to make

"I'd say it runs smoother than the diesel, and I like how ments," said Bergeron. "Just "We used to rent another this morning, I unloaded some pallets with a fork attachment, then switched to a bucket and loaded some crushed stone into a custom-

> The company already had some saws, a forklift and a Tesla running on electricity, so adding another outlet for charging the loader was simple and they were familiar with the charging process.

"I don't use it for a constant eight hours, so an overnight The family-owned and charge is plenty," said Ber-



Alex Bergeron, John Cleary and Jean Brgant with their new Volvo L20 Electric compact wheel loader.

geron. "And if I did need it chase price of their new L20 all day, a lunchtime charge Electric. would be just fine."

delay felt on a conventionmodes that provide just the Bergeron. right power for each attachment.

Funding the future

Working with their electric company, Green Mountain Power, and Palmer at CRW, Cleary Stone was able to learning more are encoursubsidize some of the pur-

"The original amount He also noted the instant they wanted to give us was power the electric machine not huge, but once Chris provides versus the slight demonstrated to them how much power we'd utilize they al machine, as well as work increased their offer," said

Wood's CRW Corporation is a family-owned company that started in Burlington in 1961.

Other local and state jurisdictions offer incentives as well, and those interested in aged to learn more here.

REMANUFACTURED

As alternatively powered equipment grows in availability and popularity, Cleary Stone is thrilled to be leading the way.

"There will be more and more options, and we are fortunate to be in the right place at the right time," said Cleary.

"Our customers think it's super cool too," added Bergeron. "We're hopeful more of these kinds of machines are sold so the growth and development continue. We'd like to make those upgrades wherever we can."



SHEARS, HAMMERS, PULVERIZERS AND GRAPPLES





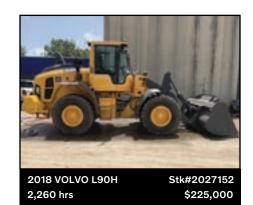


HEAVY EQUIPMENT SALES, RENTALS AND REPAIRS

pineridgeliscoedwards.ca



V O L V O

































VOLVO USED EQUIPMENT & COMPONENTS

Your one-stop dealer. From machinery to service, parts and certification.

Your trusted partner for every project.

CONTACT J.J LYONS FOR MORE jjlyons@strongco.com INFO (844) 288-4241

HUGE INVENTORY
Used Equipment | New equipment

ASK US ABOUT FINANCING OPTIONS

*Terms & Conditions apply

Volvo Rebuilt Transmissions

■ L220F transmission SN#6005-8485 ■ L90E transmission SN#2005-8000

■ L110F transmission SN#3503-61501





Volvo Used Parts for:

■ Wheel loaders

■ Motor Grader





Connect with us

Trimble looks to further enhance interoperability with Ryvit acquisition

Trimble has acquired Ryvit, an integration move the construction industry forward." Platform-as-a-Service (iPaaS) provider for the construction industry.

Launched in 2016, Ryvit builds connections between commonly used applications Ryvit aims to help customers seamlessly and data sources, enabling information integrate their data and coordinate their sharing both within and across organizations so that project teams can use the right information to make the right decisions at ponents of an open, extensible ecosystem. the right time.

stymied by disparate data and technology part of Trimble Construction One, with solutions that don't connect with one the primary offerings from Ryvit underanother, making it difficult to share information across departments and amongst Xchange. project teams," said Pete Large, senior vice president, Trimble Construction tools that allow end users to configure and sector. "Ryvit provides a platform for softstakeholders to rapidly build and deploy workflows, enabling the automatic flow necting systems, building pre-configured of critical information across organizations and teams in real time. At Trimble, we believe that openness and interoper- transforming the construction industry ability are imperative to the future of the into a more productive and profitable construction industry and are excited to industry powered by data," said Tom extend Ryvit's capabilities to more cus- Stemm, chief executive officer of Ryvit. tomers, applications and partners as we "Over the past seven years, we've done

Providing integrations that process millions of data records daily between different construction technology partners, workflows for greater project visibility.

All current Ryvit integrations are com-According to the company, these inte-"The construction industry today is grations will continue to be supported as going a rebrand to Data Xchange and App

> Data Xchange represents the contractor manage their data flows between connectthe developer's command center for condataflows and onboarding new customers.

"Ryvit has been relentlessly focused on

ware solution providers and construction ed systems, while App Xchange serves as this by building a platform that connects data between some of the industry's lar- the notion that connected, unified data is gest technology providers to improve the future because it enables the indusefficiency and streamline workflows for try to build projects better, faster, safer, construction. Trimble is similarly focused cheaper and greener," said Large. "The on becoming an industry-leading open addition of Ryvit accelerates this notion platform provider so this acquisition is a even further by providing capabilities that

"Trimble Construction One is built on perfect match for both companies, who will be supplied, supported and expanded share a similar mission and vision for the upon more quickly given the collective strength of both organizations."



FLOlink AUTOLUBE REMOTE MONITORING

DIRECT WIRELESS DATA ACCESS

- Telematics monitor for low level & system failure
- Monitors any number of systems
- Emails fault alerts to any number of users
- Instant access to alert notification history
- Generates & exports alert reports instantly Can be used with most brands of autogreasers













Mississauga: 1.800.668.5458 Winnipeg: 204.832.3040 sales@flocomponents.com

Loftness updates Battle Ax S Series mulching head

Loftness has updated its Battle Ax S Series mulching head with new features for enhanced durability and serviceability.

industries we serve."

Designed for skid steers and compact track loaders with 28 to 62.9 gpm hydraulic flow and 50 to 150 hydraulic horsepower, the S Series now ary shear bar in the two-stage placeable. cutting chamber to always allow a fresh cutting edge.

shear bar have been exhaustit to be easily replaced.

Previously, the secondary shear bar was welded on the placement. front bumper, and only the

includes a reversible second- primary shear bar was re-

Next, the S Series is available with a replaceable wear After all four edges of the liner, which helps protect the drum from excessive wear ed, the bolt-on design allows when working in abrasive engaging too much material conditions. It also has a bolt-in design for easy re-

Other design enhancements, such as a new recessed belt cover with welded body reinforcements, have been included in the latest update to protect against damage and ensure long-lasting reliability.

The Battle Ax has gained

(647) 370-1483

for its unique rotor design, which features built-in depth gauges. These depth gauges function similarly to raker teeth on chain saws to prevent the attachment from at one time.

This design is more ideal for managing the amount of material being fed into the attachment than ring-style rotors, which many operators find to be overly limiting.

The Battle Ax is also known for its ability to thoroughly process material into consistent, well-sized particles because of the Loftness-ex-

www.ringrad.com







MARCH 14-18



BOOTH C32890



888.993.2772 rethinkthelimits.com



Komatsu to acquire mining equipment manufacturer GHH Group GmbH

manufacturer of underequipment headquartered in Gelsenkirchen, Germany.

Founded in the 1960s, and currently part of the Ger- this acquisition as it repreman-owned Schmidt Kranz Group, GHH offers a wide range of equipment focused on loaders (LHDs) and articulated dump trucks in the mid-seam mass mining, narrow vein and low-pro-

Komatsu has announced file market segments The access to products in new that it has entered into an company also supports territories. agreement to acquire GHH customers with aftermarket through the entire life of each ground mining, tunnelling machine. With this acquisiand special civil engineering tion, Komatsu will add GHH's factories and rebuild facilities in key markets.

"We are very excited about sents a great opportunity for Komatsu to expand its offerings for underground mining equipment and accelerate new product development through synergies with Komatsu's existing team and product offerings," said Peter Salditt, president and CEO, Komatsu Mining Corp. "By adding GHH's factories and rebuild facilities in key markets in Europe, South Africa, India and Chile. We also aim to strengthen production and service capabilities for our customers."

Komatsu intends to continue the service GHH provides and plans to support business as usual post-acquisition. The combined team will then work together to expand Komatsu's offering for underground mining equipment and increase customer generation.

"GHH is excited to be able Group GmbH (GHH), a parts and service support to start a new journey with a strong player in the mining world. This opens huge doors for our people and our products to develop further and grow beyond what we could have hoped for," said GHH Group CEO Dr. Jan Petzold. "This is the next logical step in becoming a true global player and we look forward to becoming part of the Komatsu family".

> The official close of the acquisition is projected for the first half of 2023.

Per the company's ongoing mid-term management plan "DANTOTSU Value -Together, to 'The Next' for sustainable growth," Komatsu is working to expand offerings for underground hard rock mining, creating new value for customers with the development of new equipment, processes and technologies that will help operations step forward to the next stage for the workplace of the future and provide a more sustainable environment for the next





SERVING THE CONSTRUCTION, DEMOLITION & MINING INDUSTRIES FOR OVER 55 YEARS

FEATURING A FULL LINE OF HYDRAULIC ROCK BREAKERS FOR CARRIERS RANGING FROM 1 TON TO 120 TON CLASS



Ontario office:

(613) 542-1500 28 Steve Fonyo Dr., Kingston, ON K7M 8N9

Montreal Office:

(888) 663-8122 3421 Industriel Boulevard, Laval, Que. H7L 4S3

Quebec City Office:

shaun brown@tramac.com

(418) 877-5557 1711 rte de L'aeroport #4, L'ancienne Lorette, Que. G2G 2P4

Genie launches new hybrid - Continued from A8

gine, delivering instant power and torque when needed.

Additionally, maintenance needs are further reduced by a design that has 70% fewer hydraulic components and moving parts.

Key specifications

Key specifications of the S-60 FE/DC include maximum platform height of 61 ft 2 in (18.6 m) and a maximumoutreach of 40 ft 6 in (12.3 m), as well as an unrestricted platform capacity of 660 lb (300 kg) on a 6 ft (1.83 m) jib that delivers a 130-degree working range.

accessories increase the versatility of the S-60 FE or DC dual-envelope capacities. for rental applications. The boom lift can be configured companies can offer their configurations. An 8 ft (2.44 lift option for any jobsite. ■

m) three-entry with side swing gate is standard, while a 6 ft (1.83 m) dual entry with side swing gate is optional. Genie Lift Guard half and full mesh platform panels, air-line and power to platform, work lights and other accessories are available.

In addition, hostile environment kits or cold weather packages are useful for specific applications.

The new S-60 FE and S-60 DC models join Genie's full boom lift product line offering, which includes the S-60 J for essential performance in a simple machine and the S-65 A wide range of options and XC (Xtra Capacity) range for heavy lifting applications with

With these choices, rental with either of two platform customers the right boom





ALL MAKES ALL MODELS

POWERTRAIN SPECIALISTS

TRANSMISSIONS - AXLES - STEERING

PARTS - EXCHANGE - REBUILDS

TARTEN EQUIPMENT LIMITED

6199 Shawson Drive Mississauga, ON L5T 1E5 Phone: 905 670 1704 Fax: 905 670 4790 Toll Free: 1 888 670 1704 WWW.TARTEN.COM

COMMITTED TO SERVICE EXCELLENCE SINCE 1976

Aurora releases Aurora Driver Beta 5.0

5.0, the latest version of its integrated hardware and autonomy system, to its autonomous trucking fleet in Texas.

With a more performant tive officer at Aurora. Aurora Driver, Aurora adlaunch and continues to increase its weekly hauls of freight for pilot customers like FedEx, Uber Freight, Werner and Schneider.

"Launching our latest beta more scenarios. These new

Aurora Innovation has release moves Aurora one step capabilities include: released Aurora Driver Beta closer to a commercial-ready product and helps to prepare us for the scaled deployment of Aurora Horizon across the country," said Chris Urmson, co-founder and chief execu-

With Aurora Driver Beta vances toward commercial 5.0, the company is looking to unlock key safety-critical and increasingly complex highway driving capabilities, enabling the Aurora Driver to autonomously operate in

- Detecting and appro- Complete priately responding to ambulances, fire engines and law enforcement vehicles
- Safely re-entering traffic after resolving a system over to the shoulder
- Navigating lanes with temporary barriers, a typical scenario in construction

Advancing toward "Feature

The Aurora Driver is emergency vehicles like the autonomy system that underpins Aurora Horizon, Aurora's subscription-based autonomous trucking ser-

Aurora's quarterly beta problem that prompted releases debut new capabilthe Aurora Driver to pull ities of the Aurora Driver, which are reflected in the Aurora Horizon roadmap to commercial launch, and bring the system closer to "Feature Complete."

The company expects to reach "Feature Complete" at the end of Q1 2023, which will indicate the capabilities required for commercial launch have been implemented in the Aurora Driver have been removed.

"We are already demonstrating the value an tion zone navigation, a fault autonomous trucking product can bring to our pilot customers as we continue expected and potentially to deliver loads across Texas dangerous situations and each day," said Urmson. "Launching our latest beta release moves Aurora one Complete," the company step closer to a commercial-ready product and helps to prepare us for the scaled deployment of Aurora Horizon across the country."

In the past year, Aurora introduced five beta releases, each one bringing Aurora to launch in 2024. closer to commercial launch.

The initial beta release introduced foundational driving capabilities such as merging and lane-changing at highway speed and unprotected left-hand turns.

Aurora built upon these in and all policy interventions 2022, unlocking increasingly complex capabilities each quarter, including construcmanagement system and the ability to circumvent un-

> After reaching "Feature claims that Aurora Driver will undergo an extensive validation phase where its capabilities will be refined and readied for driverless commercial operation.

Aurora Driver Beta 5.0 set







BOB

www.bobmark.ca



BUILT AROUND YOU

The NEW C362 Super Boom compact track loader offers the rugged construction, power, performance to excel on the farm, in rental yards and on construction sites. With 6,200-lb rated operating capacity, and greater breakout force, the C362 lifts more, hauls heavier pallets, and moves bigger boulders so you keep ahead of schedule. The C362 can accomplish all this because of its 114hp (net) & 339lb-ft of torque.

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/ $\,$



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



2005 NEW HOLLAND DC85

89 gross engine horsepower, 4 cylinder engine, LGP model, 28" grouser shoes, Drawbar, Mechanical suspension seat, Canopy, 124" wide PAT blade, New sprockets



2007 JCB 3CX BACKHOE

90 hp, 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

90 horsepower, 3000 lb. lift capacity to full height, 8800 lb. operating weight, 2 Speed Pilot Controls with selectable pattern, Enclosed Cab w/ A/C & Heater, Turn Signals, HD Hyd. Q/C, Aux., Boom Hyd., w/ standard flow (24.2 gpm). \$49,900



2019 NEW HOLLAND L218 SKIDSTEER

60 hp, 4 cylinder turbocharged diesel, Cab with Heat and Air conditioning, radio, front wiper, EH Pilot controls, hyd. quick attach, 72" low profile bucket with cutting edge, 10x16.5 tires, quick start glow plugs, block heater, only 250 Hours.

CONTACT MICHAEL

mlettner@bobmark.ca 613-922-1851 (mobile)



705-653-3700

CONTACT BRANDON

bwood@bobmark.ca 289-356-3306 (mobile)



SUNDERLAND:

4 LOCATIONS TO SERVE YOU!

CAMPBELLFORD:

LINDSAY: 705-324-2221

NAPANEE: 613-354-9244 705-357-3121







Schiedeck, Ferris emerge as Cat Global Operator Challenge regional champions

Thirty-five dealer event Alook at the events winners from across North ton, N.C. to prove their mastery of both equipment and efficiency-boosting technology. Only two emerged victorious and earned the right to advance to the final round Challenge (GOC) held in competitions. Las Vegas.

@EQUIPJOURNAL

take place during CON-EXPO-CON/AGG inside Caterpillar's outdoor exhibit.

Schiedeck with Schiedeck Construction from Texas, representing dealer Holt Cat, finished the three GOC events in a quick overall time of 25:30 to be crowned North America's Eastern Region semifinal champion.

"When I was in the seat, I had to calm myself. Six minutes in the backhoe seemed like 30," commented Schiedeck. "I'm humbled and blessed to be able to win this in front of my family."

Later that week on Thursday, Matt Ferris with Kinkaid Civil Construction from Arizona, representing dealer Empire Cat, completed the same three Challenge events in a short overall time of 32:15, emerging as the champion for North America.

boy always dreamed of digging trenches and digging holes. So, I grew up doing that," explained Ferris. "I feel do there."

America gathered in Clay- grounds at the Edward J. had to load a targeted 7.5 to limit from 15 to 20 min-Rapp Customer & Training 8 tons of material in the bin, Center in Clayton, GOC officials divided the 35 best operators from the United States, Puerto Rico and Cantipped off to meet target, and ada into eastern and western the 950 was equipped with of the Cat Global Operator regions for the semifinal Cat Advanced Payload with in under 10 minutes and

and technology.

"Our Challenge team went of that Challenge event."

Trench Run saw all operators use a Cat 315 Excavator with Cat Grade with 2D techalties. "I like the excavator,"

very proud and excited and Loader through an obstacle oil drum. happy to move on to the next course where any slight devicompetition and see how we ation from the path resulted course and went through

requiring two trips through the course.

Tip-Off Assist technology to All competitors completed aid in hitting the target," ex-The GOC finals will the same three Challenge plained Jason Hurdis, Global events using Cat equipment Operator Challenge lead for Caterpillar.

The operator then Besting the field on to great lengths to ensure a exchanged the bucket at- finals are a culmination of Tuesday, October 18, John level playing field for all partachment used for loading months of competitions ticipants, so no one had an material for a forklift attachadvantage," said Matt Smith, ment to pick up a sports er level. "We experienced global marketing manager utility vehicle. The load was for Caterpillar. "They even then maneuvered through tarped the large excavator different cones and loaded challenge area so the rain onto a trailer before being we had the night before the picked up again and returned eastern semifinals to ensure to its original position, and that didn't affect any section the operator again switched attachments to complete the challenge.

Featuring the Cat 420 XE Backhoe Loader, the Backhoe nology to dig a 20-ft trench. Bonanza station tested oper-Depth transitioned from ators' machine mastery with two-feet- to one-foot-deep multiple challenges. They midway through the trench, first picked up an I-beam and there were marked areas with the loader bucket, place with pipes the operators had it on a rack and then return it to avoid or face stiff time pen- before maneuvering across a trench where they could not commented Ryan Totton touch bungy cords without with Gulf Operators in New facing a penalty. Operators Western Region semifinal Brunswick, Canada, repre- also maneuvered through senting Toromont Cat. "You cones with tennis balls, "Well, I think every little can do almost anything with placed a square beam in a cylinder with the backhoe The Locked & Loaded bucket and finally scooped challenge had operators up balls from pylons and maneuvering a Cat 950 Wheel deposited them inside an

> "When we set up the in the machine knocking it with our own operators,

> > Compact Screening Systems

balls off cones for costly time we knew it was going to be Held on Caterpillar penalties. Participants first tough, so we raise the time utes due to the difficulty," mentioned Dustin Adams, marketing manager for small "The final load had to be dozers and mini hydraulic excavators for Caterpillar. "Most completed the course some under seven. That's a testament to the quality of the competition."

Other winners

The regional GOC semiheld worldwide at the dealamazing participation in this year's Challenge," said Jessica Nunley, global marketing manager for Caterpillar. "From more than 10,000 registrants, 3,500 machine operators competed in level, and only 84 of the best day event this time."



Iohn Schiedeck

operators in the world made it to the regional semifinals."

Commenting about the challenge, Tony Pennington with Carolina Cat said: "The challenge sends a message to the contractor that they are appreciated. We had a higher number of operators the first round at the dealer participate during our two-



Matt Ferris

Two-time Carolina Cat winner, Alfonso Fajardo with Spartan Site Services in North Carolina, added, "More people are hearing about the Challenge, and there are more competitors this time, so the competition is really tough. The skills of the operators are at a higher level." ■





1-877-625-9677

BEST Q THE LOW POSSIBLE

WE ALSO CARRY:

- Augers Breakers
- Brush Cutters
- Buckets Compactors
- •Demolition •Forest Mulcher
- Grapples Quick
- Couplers •Rippers
- •Compactors
- Rubber Tracks Thumbs

Hydraulic Forestry Heads for Excavators 8-30 tons

·Hydraulic Head for Compact Loaders

Hydraulic Brushcutter Head 2-8 tons

Agricultural Attachments

- Screw Pile Drivers
- www.shawbros.ca info@shawbros.ca



@EQUIPJOURNAL

MOORE JCB

MOOREJCB.COM

WE ARE YOUR AUTHORIZED JCB DEALER FOR:

- » Backhoe Loaders
- » Skid Steer Loaders
- » Compact Track Loaders
- » Wheel Loaders
- » Hydraulic Excavators
- » Hydradig
- » Access Lifts
- » Mini Excavators
- » Telescopic Loadalls
- » Rough Terrain Forklifts
- » Compaction Equipment
- » Light Equipment





Operating Weight: 4,193 lbs Max Dump Height: 9'3" Max Dig Depth: 9'3"

370 OAKDALE RD., TORONTO, ON M3N 1W5 1-800-561-3212 / (416)-747-1212

Nick D'Onofrio - 416-417-1539 ndonofrio@moorejcb.com

TORONTO

Troy Leikauf - 647-206-6663 tleikauf@moorejcb.com

JCB HTD-5E-TECH

Maximum Carry Capacity: 1,102 lbs Load Over Height: 4' 9" Machine Width: 2' 6"

MONTREAL

4955 CHEMIN ST FRANÇOIS, ST. LAURENT, QC H4S 1P3 1-800-363-4958 / (514)-333-1212

> Pierre Riberdy - 514-821-5779 priberdy@moorejcb.com

SALES / RENTALS / PARTS / SERVICE

EQUIPMENT JOURNAL



SUBSCRIPTION FORM

		Province/State:
Telephone:	Cell:	
	Telephone:	Telephone: Cell:

Please rush my subscription today! I enclose payment for:

- 1 Year \$44.00 (Includes applicable taxes)
- 2 Years \$72.00 (Includes applicable taxes)







U.S.A. 1 Year \$80.00 (USD)

Equipment Journal H.S.T. #104003 7957 RT

Account Number:		Expiry Date:
Today's Date:	Signature	:

MAIL ORDER TO:

5160 Explorer Drive, Unit #6, Mississauga, ON L4W 4T7 or email: office@equipmentjournal.com

EJSUBFORM2023



Terex Utilities all-electric bucket truck displayed at New York Stock Exchange

Terex Utilities and Consoliin front of the New York Stock all-electric bucket truck. Exchange on December 13th.

ex's Investor Day activities, during which John L. Garriand CEO of Terex Corporapositioned for growth.

"Demonstrating its long customers taking delivery transition." this year," said Joe Caywood, Utilities.

In May, the company intro-HyPowerTM SmartPTO by Viatec, mounted on an International eMV Series battery from Navistar.

Con Edison was one of "Terex has made signifidated Edison displayed a several utilities that made cant investments in Terex Terex all-electric bucket truck an early commitment to the

"In addition to helping us The display was part of Ter- maintain our energy-delivery system, our all-electric bucket truck represents an son Jr, chairman, president important step for Con Edison as we transition our fleet of tion, presented information vehicles away from fossil fuels about how Terex Utilities is as part of our Clean Energy Commitment to New York," said Fortunato Gulino, Con track-record of innovation, Edison's chief automotive en-Terex Utilities was the first gineer. "Terex has been a great manufacturer to bring the partner and we applaud the electric utilities industry an contribution they're making all-electric bucket truck with to the nation's clean energy

"Many utilities have susdirector of marketing, Terex tainability goals now through the next 10 years to achieve full fleet electrification. Terex duced a Terex Optima 55 ft Utilities introduced the elecaerial device, powered by the tric bucket truck to the market ahead of projections and will continue to expand electric options to other models in our electric 33,000 GVW chassis, product line," said Caywood.

Utilities that position it for future growth, including increasing capacity at the Watertown, S.D. manufacturing headquarters, investing in technology like power take off electrification with the Smart-PTO, and expanding service capacity with 21 US service center locations."

The display in front of the New York Stock Exchange follows an announcement last week from Newsweek naming Terex one of "America's Most Responsible Companies."

The ranking, presented by Newsweek and Statista Inc, focuses on a holistic view of corporate responsibility through environment, social, and corporate governance.

"Acknowledgement as a 'Responsible Company' underscores Terex Utilities' part in helping Transmission & Distribution utilities achieve net zero goals," said Garrison commented: Garrison. ■



Manitou Group acquires of majority stake in easyLi

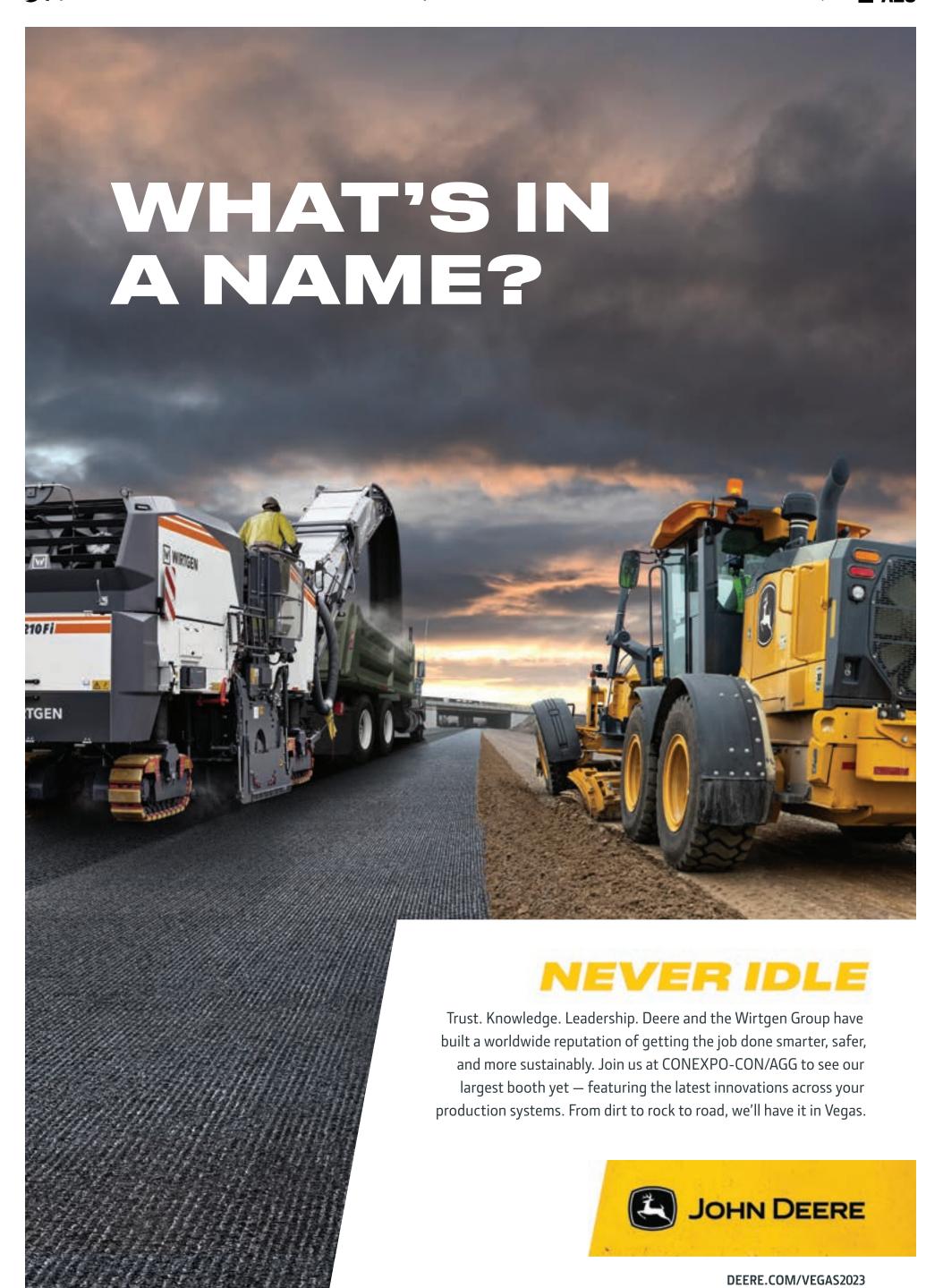
Manitou Group has announced the acquiadds substantial value to our organization. sition of an 82% stake in easyLi, a specialist By internalizing this expertise, we are going in the design and production of lithium-ion batteries. According to Manitou, this transaction gives the company specific skills in the context of its energy transition.

Founded in 2011, easyLi manufactures and maintains lithium-ion battery systems for electric mobility and stationary energy based in the Poitiers-Futuroscope business district of France.

As a result of this acquisition, Manitou Group is extending its competence with business lines dedicated to R&D and the production and reconditioning of these batteries. Michel Denis, President and CEO of the Group, explains: "easyLi's expertise Manitou Group in this new stage."

to be able to study machine-battery interactions in depth and thus continue to reduce total cost of ownership for our users. This operation is in keeping with our research and development plan to accelerate our energy transition."

François Barsacq, founder and CEO of storage solutions. It has 25 employees and is easyLi, adds: "We are proud to be joining Manitou Group. It is a fantastic opportunity to share our know-how internationally on different ranges of handling products, while stepping up our activities on our historical markets of urban electric mobility, on board energy systems and self-sufficient environments. We look forward to accompanying





"The best feature of our JCB equipment is less downtime."

SHERRY BARKER - CE BARKER

Better? It's something we all strive for. But to be better you must be efficient. Be productive. Be versatile. Be dependable. And you need equipment that supports you every step of the way, no matter how big or small the task. Because good enough is never good enough.

Check out our full line of JCB products at your local dealer or visit JCB.com today.



YOUR FAMILY OF LOCAL JCB DEALERS

ALBERTA

Liftboss JCB

Calgary: 403-301-0041 Edmonton: 780-474-9900 liftboss.ca

BRITISH COLUMBIA

RDM JCB

Surrey: 604-576-8566 rdmjcb.com

NEW BRUNSWICK

A.L.P.A. Equipment

Edmundston: 506-735-4144 Balmoral: 506-826-2717 Fredericton: 506-452-9818 Moncton, N.B.: 506-861-2572 alpaequipment.com

NOVA SCOTIA

A.L.P.A. Equipment

Truro: (902) 897-2717 alpaequipment.com

NEWFOUNDLAND

Harvey JCB

Corner Brook: 709-639-2960 St. Johns: 709-738-8911 harveyco.ca

ONTARIO

Advance JCB

Waterloo: 519-742-5878 Harriston: 519-510-5878 advanceequipment.net

D&W Group Inc.

Doughty & Williamson Jarvis: 519-587-2273

Brant Tractor Burford: 519-449-2500

Redtrac International Vineland: 905-562-4136 dwgroup.ca

ONTARIO

Delta JCB

Dunvegan: 613-527-1501 Renfrew: 613-432-4133 Winchester: 613-774-2273 deltapower.ca

Hub International Equipment Ltd.

Lindsay: 705-324-6136 Port Perry: 905-982-1500 hubinter.com

Fulline JCB

Glencoe: 519-287-2840 fullinefarm.com

Jade Equipment

Oro-Medonte/Orillia: 705-325-2777 jadeequipment.com

John's Equipment Sales & Service

Frankford: 613-398-6522 johnsequipmentsales.com

ONTARIO

Moore JCB

Toronto, York & Peel Region: 416-747-1212 moorejcb.com

ReadyQuip Sales & Service Ltd.

Timmins: 705-268-7600 readyquip.com

WPE Landscape Equipment

Hamilton/Halton: 905-628-3055 wpeequipment.ca

PEI

A.L.P.A. Equipment

(506) 861-2572 alpaequipment.com

OUEBEC

A.L.P.A. Equipment

Bas-Saint-Laurent: (506) 735-4144 Gaspésie: (506) 826-2717 alpaequipment.com

Bossé Quebec Inc.

Desmaures: 418-878-2241 Saint-Augustin-debosse-frere.com

Moore JCB

Montreal: 514-333-1212 moorejcb.com

SASKATCHEWAN & MANITOBA

Westcon JCB

Regina: 306-359-7273 Saskatoon: 306-934-3646 Winnipeg: 204-694-5364 westconjcb.com









toromontequip.com

HOT DEALS OF THE MONTH!



































USED AND RESTORED PARTS

Recent arrivals

- 330B Rebuilt Swing drive p/n 114 1441
- 938, 950, 962 GP buckets, new take off's New CAT 420 pin on front bkt. c/w bolt on
- Numerous Fusion couplers, IT couplers all new take off's
- 446D Side Dump new Cat unused 1.25 cu/yd 430E 30" rear bucket, new CAT
- Numerous Hydraulic cylinders rebuilt, Excavator and loader. • Numerous new Cat surplus cutting edges and bucket teeth.
- Rebuilt 950G trans, 114 8945
 - Rebuilt IT28G trans p/n 2013318 Rebuilt 928G trans p/n 177 001

Transmissions (rebuilt & tested)

- IT18F transmission (1082075)
- 988B Transmission p/n 3P9094
- 924 transmission rebuilt. p/n 1807503 980C rebuilt, p/n 6Y3197 h/d arrange.
- New arrivals for tear down, 966H, 324D, 980G, 930H.

\$18,300 exchange \$13,500 exchange \$14.500 exchange \$10,500 exchange \$25,850 outright \$11,200 exchange \$22,700 exchange

Final Drives & Differentials

- 740 Final Drive, reconditioned, p/n 3710565
- 324D Rebuilt final drives, new bearings/seals365B Rebuilt final drive, P/N 136 2956 (2)

\$22,500 \$10,500 \$18,500 ea

\$6,950 exchange

\$6,200 and up

\$950 ea

\$16,500

\$1,800

\$1,800 ea

- 345 Final drive 227 604
- 319/320/321/323 p/n 3530611 final drive open & insp

\$24,000 \$8,900

CALL: 705 436-7770 or 1 800 771-9145

Andy EXT. 8747 Greg EXT. 8752 Joe EXT. 8748

ALL IN ONE PLACE! > toromontequip.com > 1833 953-7847





WEEKLY DEALS



CAT CERTIFIED USED









The operators' input to us was that they really liked having these cameras and they feel that it provides them with an extra level of safety. SENNEBOGEN does a great job with their catwalks and cameras, so we adapted it and customized our other machinery as well. There are so many hazards in this field of work; SENNEBOGEN recognizes it and we're looking at our equipment the same way.

Demolition fleet manager, Sparrow's Point, MD

SENNEBOGEN's commitment to jobsite safety is an essential part of our mission to reduce downtime and maximize productivity throughout the working life of your machine.



LEARN MORE ABOUT WHY SENNEBOGEN IS THE RIGHT MACHINE FOR YOUR APPLICATION

sennebogen-na.com/why-sennebogen

+1-704-347-4910 sennebogen-na.com

CONTACT A SENNEBOGEN DEALER IN YOUR AREA

Prince Edward Island -

Strongco

Prince Edward Island (902) 468-5010 www.strongco.com

Nova Scotia

Strongco

Dartmouth, NS (902) 468-5010 www.strongco.com

New Brunswick

Strongco

Moncton, NB www.strongco.com

(506) 857-8425

Newfoundland and Labrador

Strongco

Mount Pearl, NL (709) 747-4026 www.strongco.com

Quebec

Strongco

Baie-Comeau, QC 1-866-996-3091 Chicoutimi, QC 1-800-323-1724 St-Augustin, QC 1-800-463-2662 Trois-Rivieres, QC 1-855-840-0828 Val d'Or, QC 1-800-561-4192

Top Lift Enterprises, Inc.

www.strongco.com

St-Laurent, QC Sherbrooke, QC (514) 335-2953 (819) 612-5438 www.toplift.com

Ontario

Strongco

Stittsville, ON (613) 836-6633 Sudbury, ON (705) 692-0552 Thunder Bay, ON (807) 475-3052 www.strongco.com

Top Lift Enterprises, Inc.

Bolton, ON (905) 857-5200 Stoney Creek, ON (905) 662-4137 www.toplift.com

NA----

Manitoba ———

Westcon Equipment & Rentals Ltd.
Winnipeg, MB 1-800-453-2435
www.westconequip.ca

Saskatchewan

Redhead Equipment

Estevan, SK (306) 634-4788 Lloydminster, SK (306) 825-3434 Melfort, SK (306) 752-2273 North Battleford, SK (306) 445-8128 Prince Albert, SK (306) 763-6454 Regina, SK (306) 721-2666 Saskatoon, SK (306) 934-3555 Swift Current, SK (306) 773-2951

www.redheadequipment.ca

Alberta

Strongco

Acheson, AB 1-877-948-3515 Calgary, AB 1-800-342-6523 Edmonton, AB (780) 464-1909 Fort McMurray, AB 1-855-799-4201 Grande Prairie, AB 1-888-513-9919 Red Deer, AB 1-866-950-3473

British Columbia

Great West Equipment

Campbell River, BC (250) 286-0123 (250) 426-6778 Cranbrook, BC Fort St. John, BC (250) 785-4223 Kamloops, BC (250) 372-3996 Nanaimo, BC (250) 716-8804 Prince George, BC (250) 612-0255 (604) 882-5051 Surrey, BC Terrace, BC (250) 635-9033 (250) 549-4232 Vernon, BC Williams Lake, BC (250) 392-9599

www.gwequipment.com

JANUARY 16, 2023 💷





German recycling firm turns to Volvo CE electric machines to achieve its goals

German firm Böhm Entsorgung has built a large trans-shipment wood and plastic.

loader from Volvo Construction whatever the weather. Equipment (Volvo CE) has just finished sorting a delivery of raw the electric wheel loader uses its materials for further processing all completed without emitting any paper that has just been delivered exhaust fumes.

material.

rently recycled," explains Manuel to the press. Reinsch, managing director of or staples."

For this reason, Böhm Entsorgung from Volvo CE.

is making a name for itself in its hall on its 60,000 square metre hometown of Möttingen as a trail- site, where the containers with blazer in the recycling of paper, wastepaper that has been collected from printing plants, industrial In its enclosed trans-shipment companies and recycling centres hall, a Volvo L25 Electric wheel can be unloaded and kept dry,

Between stacks of paper bales, shovel to pull apart the mountain of and unloaded from a truck and Wastepaper is an important raw pushes the material in manage-"In Europe, 75% of paper is curbelt which then feeds the paper

Böhm-Entsorgungs GmbH. "In Electric wheel loader moves almost order to achieve such a high re-silently around the hall goes mostly cycling rate, the raw material must unnoticed over the noise from the first be sorted to ensure that it is conveyor belts and large presses. supplying electricity to power the Electric can handle them effortas pure as possible, dry, and free However low noise operation was from contaminants, such as glue not the deciding factor for the pur- and conveyor belts—and now also chase of an electric wheel loader for charging the firm's Volvo L25 oeuvrability and good all-round tire team at German Dealer Robert

"For us, it was crucial that the exhaust gases because it is predominantly used in enclosed spaces," explains Manuel Reinsch.

battery capacity of 39 kWh, so it Volvo L20 Electric is already on Along-standing Volvo CE customer can work continuously for six hours order from Volvo CE. before it requires charging.

Making environmental protection a corporate goal

For this family-run recycling company, an environmentally able quantities onto a conveyor friendly operation is of great importance.

At its state-of-the-art facilities, The fact that the new Volvo L25 its 90 employees feed waste and raw materials of all kinds into the Electric. recycling process.

> operation of the presses, shredders lessly," says Gorowoy. Electric.

"Wheel loaders with an electric And he is pleased that his employtowards a climate-neutral future," says Manuel Reinsch.

A second electric wheel loader, The Volvo L25 Electric packs a the slightly smaller, more compact

> work continuously for six hours before it requires charging. This is more than sufficient for one working day, as driver Christian Gorowoy determined within just the first few months of use.

> Christian is enthusiastic about the performance of the Volvo L25

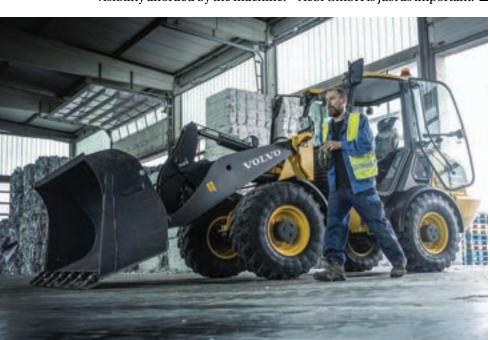
"Paper and plastic films are very Solar panels cover the hall roofs, heavy materials, but the Volvo L25

wheel loader did not emit any drive are an important step for us er is investing in climate-friendly technologies. "We all need to do something, for the future of our children," he said.

Böhm Entsorgung has used With a battery capacity of Volvo CE machines for many 39kWh, the Volvo L25 Electric can years. In its machine park, there are two Volvo L150H wheel loaders as well as two material handlers, an EW240E and an EW160E with elevated cab, both of which are ideal for waste and recycling applications and are used here for sorting old materials and loading the containers.

"The quality, performance and efficiency of Volvo machines speak for themselves," says Manuel Reinsch. "But the first-class service and excellent support we receive He also appreciates the man-from Alexander Lemke and the envisibility afforded by the machine. Aebi GmbH is just as important."







Ben Kendrick, co-owner of Kenvest Construction, Marc-Antoine Castonguay, sales specialist for Bobcat of Ottawa Valley and Jake Kendrick, co-owner of Kenvest Construction, pose on-site where they are building a custom home in Vanier/Ottawa, Ontario.

Kenvest Construction started building quality custom homes, developing land and being a residential/commercial contractor five years ago in the Gatineau/Ottawa areas after many years of previous experience in the industry. Jake and Ben Kendrick had first started in the business as students working summer jobs fixing steps and other general labour jobs, learning as much as they could. Out of school, they began working as sub-contractors for Tartan Homes and Phoenix Homes. These too young men strive with passion, excellence, attention to detail, and hard work ethic. They have also acquired Ottawa Roofing Corp. adding that division to their repertoire to offer their customers even more great workmanship and trusted materials with their in-house team.

Their company goal is to start building high rises. These two young men are going places.

Jake and Ben are both hands-on as well, they also do their own demolition and excavation themselves. They had been using an older Bobcat ® 322 compact excavator and it needed some maintenance. The sticker on that machine had Casselman Farm Equipment so they gave them a call. That is where they met Marc-Antoine Castonguay, sales specialist, for Casselman Farm Equipment, one of Bobcat of Ottawa Valley offices.

"We were very pleased with the service Marc-Antoine and Casselman provided when we took in our 322 for service that we were happy to purchase a Bobcat E20 compact excavator and T450 compact track loader through them. We also have a Bobcat E32 with an extendable arm, touch screen display with Bluetooth™ ordered and soon to be delivered as well. Marc showed us how the Power Lease is a no-brainer for us," stated Ben.

When asked why they chose Bobcat machines, their response was especially for their versatility. "When using the Bobcat E20 compact excavator for digging foundations, waterproofing, for landscape construction, it has a very far reach yet is compact so we can never worry when we need to fit into tight spaces, and it is also great on

slopes. The Bobcat T450 brings the materials to sites quickly and smoothly. The Bobcat machines are comfortable to sit in all day, they are smooth, have heat and air conditioning, and have great durability. Way better than any others we have tried. We use the Bobcat machines every day and they never let us down, they always show up for work and they always start," stated Jake.

"We wouldn't hesitate to recommend Marc-Antoine Castonguay and Bobcat of Ottawa Valley when purchasing your new machines. Marc has been awesome, always on the ball, and went above and beyond with us," both Jake and Ben exclaimed.

Thanks Jake and Ben.



YOUR LOCAL AUTHORIZED **BOBCAT DEALERS**

BARRIE

Bobcat of Barrie 705-726-2228 OakenEquipment.ca

FRANKFORD

John's Equipment 613-398-6522 johnsequipmentsales.com

MUSKOKA

Bobcat of Muskoka 249-390-7000 OakenEquipment.ca

STRATTON

Stratton Equipment 807-483-5505 strattonequipment.com

BRANTFORD

Bobcat of Brantford 519-752-7900 bobcatofbrantford.com

GREY BRUCI

Bobcat of Grey Bruce 519-372-9100 bobcatoftc.com

OTTAWA

Bobcat of Ottawa Valley 613-831-5166 bobcatov.com

CHINDHEN

McDowell B Equipment Ltd. 705-566-8190 bmcdowell.com

CASSELMAN

Bobcat of Ottawa Valley 613-764-2033 bobcatov.com

HAMILTON

Bobcat of Hamilton 905-643-3177 bobcatofhamilton.com

PARRY SOUND

Bobcat of Parry Sound Ltd. 705-342-1717 bobcatofparrysound.com

TORONTO EAST

Bobcat of Toronto 416-679-4171 OakenEquipment.ca

CORNWALL

Bobcat of Ottawa Valley 613-932-2034 bobcatov.com

KITCHENER

Bobcat of Tri-Cities Ltd. 1-866-214-3939 bobcatoftc.com

PETERBOROUGH

Bobcat of Peterborough 705-748-9119 bobcatofpeterborough.com

TORONTO WEST

Bobcat of Toronto 416-679-4172 OakenEquipment.com

COURTICE

Bobcat of Durham East Ltd. 905-404-9990 bobcatofdurhameast.com

Bobcat

LONDON

Bobcat of London 519-455-4900 bobcatoflondon.ca

STRATFORD

Bobcat of Stratford 519-393-6040 bobcatofstratford.ca

WINDEND

Bobcat of Windsor 519-737-0120 OakenEquipment.ca

LOOKING BACK AT DEMOLITION



By HCEA Canada



Pictured here, in the fall of 1971 is a P&H Milwaukee, Wisconsin in 1884 eventualmobile crane on wrecking ball duty in Vancouver where an elevated roadway, the Old electric welders, and by 1910 a gasoline Georgia Viaduct, was undergoing demolition. It had been built several decades earlier to enhance traffic flow into the city building related equipment including large center and was due for replacement.

Similarly, Toronto's Gardner Expressway East section has been levelled not by wrecking ball but by excavators with demo attachments.

This P&H Model 440TC truck crane handling the wrecking ball was rated at Association (HCEA Canada) 2023 events: 40-ton-capacity and featuring a four-axle carrier was owned by Arrow Transfer Ltd. of Vancouver.

machine, the engine options included G.M. construction equipment in action be sure Diesel, Cummins, or Caterpillar power units.

Always innovating, P&H (Pawling & Harnischfeger) began manufacturing in of the Simcoe County Museum.

ly producing overhead cranes, trenchers, powered dragline.

Over 130 years later, P&H mining was capacity electric cable shovels many of which are working in Northern Alberta and British Columbia mine operations. In 2017 Komatsu acquired P&H to become Komatsu Mining Corporation.

The Historical Construction Equipment 'Wheels & Tracks in Motion' held in June and the 'Last Blast' in October. Both events are held at the Simcoe County Museum. To Also available configured as a crawler see more than 60 restored pieces of vintage

HCEA Canada is a proud Heritage Partner



Happy New Year! As Canada's Grader People, Jade Equipment Company Ltd. is

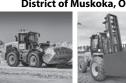
the industry's specialist for new, used and rebuilt parts and attachments for Volvo, Champion and John Deere motor graders. We're also your source for used reconditioned sales and rentals of motor graders, wheel loaders, excavators and other road equipment.

But we're more than just motor graders...

We are a JCB dealership in Ontario serving Simcoe County and the District of Muskoka. We also sell and service Easi-Pour Curb Machines, Forax Forestry Equipment, Spaulding Manufacturing's line of maintenance equipment and Wille Urban Machines.





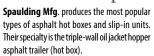




JCB products include Loadall telescopic handlers backhoe loaders, excavators, wheel loaders, compact track loaders, Access aerial work platfo rough terrain forklifts & Fastrac tractors.

Forax specializes in fabricating high quality brush cutting and mulcher heads, including attachments for road graders, excavators, surface mining equipment in a range of models and options to fit your needs. tractors, skid-steers, UTVs, groomers and more.







Wille is the most popular machine on the market for the environmental management and maintenance of urban areas, with machines designed to operate in all seasons.



Trust the "Jade Standard" when you're buying new, used and rebuilt equipment, parts or attachments for your fleet of road machinery and heavy equipment.

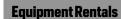
Edmonton, Alberta Toll Free: 1-800-663-0715 • Orillia, Ontario Toll Free: 1-866-404-5233

10807-209 Street, Edmonton, AB T5S 1Z7 Tel: 780-452-7021 • Fax: 780-453-1477

47 Forest Plain Road, (Orillia) Oro-Medonte, ON L3V 0R4 Tel: 705-325-2777 • Fax: 705-325-9777 Find us on **f**







Components, Engines & Parts / Service & Repairs







FUNITCHIE BROS.



































































































Heavy Equipment Manufacturers























SENNEBOGEN 340 G: An all-arounder in the recycling industry

Developed for use as a m, which guarantees stability draulics allow the operation boom and a direct view down Flexible and multifunctional telehandler and powerful in every situation, make the multifunctional device, the telehandler a true all-rounder 340 G has been part of the in recycling companies, com-reversible fan ensures optimal SENNEBOGEN Multi Line posting plants, municipalities air intake even in dusty places since spring 2022. The new 4-ton machine impresses with its robust design and the standard elevating comfort cab, especially when it developed SENNEBOGEN Aunique selling point comes to challenging tasks in the recycling industry.

Built to master the demands of tough material handling, the 340 G is one thing above all: robust and powerful. A solid steel frame and a well thought-out design of the telescopic boom ensure reliability and durability in demanding continuous operation.

The combination of compact machine dimensions, 4 t load capacity, a stacking ing speeds, as well as the height of 7.70 m and a remark-multifunctional versatility, ably long wheelbase of 3.10 because the powerful hy-

and industry.

The advantages of SML-Power

The completely newly telehandler combines the advantages of telehandler and concept is crowned by the wheel loader technology in elevating comfort cab Mulone machine. This unique conception is summarized in the term SML-Power.

best power transmission and maximum breakaway forces thanks to Z-kinematics.

Added to this is the powerful drive train, which enables

of numerous attachments.

Also, the standard built-in and thus for the best cooling capacity and performance in tough continuous operation.

The unique machine ticab, which is installed as standard in the 340 G.

Generous glass surfaces SML-Power stands for the provide a 360° all-round view, and the cabin elevation can be steplessly and conveniently controlled using foot pedals in the cabin.

With an eye height of up high tractive forces and driv- to 4.10 m, the driver enjoys optimal visibility during the loading process, because it allows a good view over the

into the truck and container from above.

Supported by ergonomically arranged, oscillating handler reaches speeds of up operating elements and the air-cushioned comfort seat, as well as being protected from excessive noise and movement vibrations, the driver beparticularly manoeuvrable, can concentrate on the essentials.

Also, the standard air conditioning ensures a pleasant workplace, all year round.

The working modes of the 340 G are not only flexible: in road mode, the telescopic to 40 km/h in stepless drive with its modern 100 kW stage V diesel engine.

In forklift mode, it proves to works more sensitively and saves energy, while in loading mode it mobilizes all its power reserves to optimally load and transport bulk goods.

In addition, the machine can generally be individually configured and specialized to meet the requirements of industry, demanding material handling, recycling, biogas plants or contractors.

With the hydraulic quick-change system from SENNEBOGEN, a wide variety of attachments can be changed at the push of a button, and it can also be easily equipped with a trailer.





Montabert teases upcoming CONEXPO-CON/AGG showcase

that during CON-

Las Vegas, the company will be showcasing new developments in rock breaking and demolition tools.

The new products to be highlighted at the show includes the SD Compact Breaker for rock breaking, designed to fit compact carand skid steers.

Also, Montabert will showcase its new line of silent demolition tools, including grapples, processors, fixed and rotating pulverizers, and scrap shears.

Montabert's SD series of vibrations transferred to the EXPO-CON/AGG 2023 in hydraulic breakers is designed for use on skid-steer loaders, backhoe loaders, and mini-excavators, providing versatility and productivity to accomplish multiple tasks with a single carrier, a single operator, and a single attachment.

With fewer wear parts and riers such as mini-excavators no tie rods, the SD offers quick and easy maintenance in the field or the shop. Bushings, pins, and tools can easily be replaced in the field without removing the breaker from the carrier.

Also, the fully enclosed,

soundproof cradle reduces

carrier, as it limits noise on

the jobsite. Lightweight, yet heavy-duty housing protects working parts and hoses and a unique energy chamber acts as hydraulic shock absorber and reduces pressure variations in the hydraulic circuits to provide consistent energy to the breaker.

The SD line includes seven models for compact carriers from 1 ton to 12 tons.

Silent demolition tools lineup

The Montabert line of silent demolition tools offers a wide range of quality tools designed and built to provide contractors with an excellent price-performance ratio and low maintenance cost.

According to the Montabert, the combination of ultra-wear-resistant steels and top-quality components makes its silent demolition tools versatile, efficient and

Grapples are designed for carriers from 5 tons up to 100 tons and feature 360° rotation, Hardox 400-450 jaws and Hardox 500 exchangeable blades.

Also, multiprocessor jaws for carriers weighing 8 to 65 tons include combi-, multifunction and scrap-metal jaws. They offer 360° rotation, speed valve cylinders and exchangeable Hardox 600 crushing teeth.

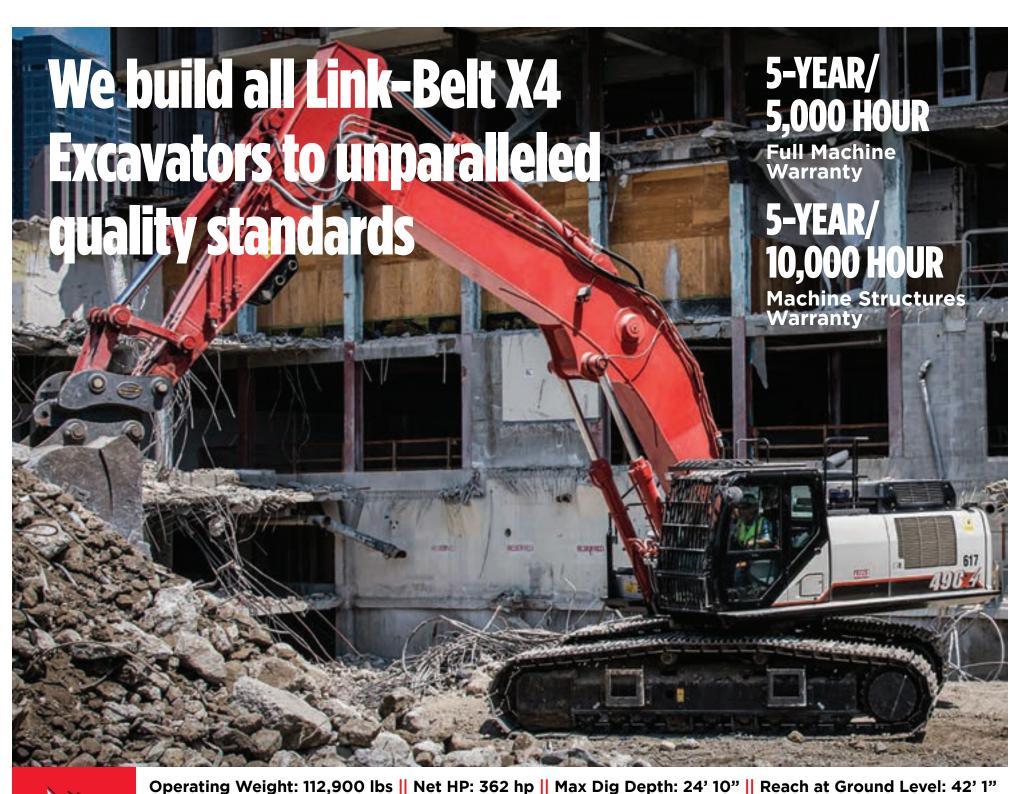
In the Pulverizer line, Montabert offers both a fixed model and—new for 2022 a 360° rotating model. All pulverizers feature Hardox 400 bodies, exchangeable/ reversible blades, and exchangeable wear plates and teeth. 🖪





ermeer





- EPA-certified Tier 4 Final.
- No DPF to maintain.
- Up to 12% improved fuel economy.
- 500-hr. fuel filters service intervals.
- 10 diesel tank refills per 1 diesel exhaust fluid (DEF) refill.
- 2.5% DEF consumption rate.

- Two-stage DEF anti-freeze system for protection operating conditions.
- RemoteCARE® GPS-enabled telematics system included with no subscription fee!
- We back up out X4 machines with one of the strongest warranty programs in the industry.

Your LINK-BELT Excavators Dealer has all the details!

ALBERTA

Equipment Sales & Service Ltd.

Edmonton (780) 440-4010 essltd.com

BRITISH COLUMBIA

The Inland Group

Burnaby, BC 604-291-6431 Campbell River, BC 250-287-8878 Castlegar, BC 250-365-2807 Cranbrook, BC 250-426-6205 Fort St. John, BC 250-785-6105 Kamloops, BC 250-374-4406 Kelowna, BC 250-769-2933 Langley, BC 604-607-8555 Nanaimo, BC 250-758-5288 Penticton, BC 250-492-3939 Prince George, BC 250-562-8171 Quesnel, BC 250-992-7256 Terrace, BC 250-635-5122 Vernon, BC 250-545-4424 Williams Lake, BC 250-392-7101 inland-group.com

NEW BRUNSWICK

Paul Equipment

Balmoral (506) 826-3289 paulequipment.ca

ONTARIO

Itec 2000

Rosslvn (888) 574-8530 Thunder Bay (888) 574-8530 Timmins (705) 267-0223 itec2000.com

McDowell B Equipment Ltd.

Sudbury (705) 566-8190 Barrie (416) 770-7706 bmcdowell.com

Stratton Equipment Sales & Service

Stratton (807) 483-7777 strattonequipment.com

Top Lift Enterprises Inc.

Stoney Creek (905) 662-4137 Bolton (905) 857-5200 toplift.com

QUEBEC

Equipement JYL Inc.

Chicoutimi (418) 698-6656 equipementivl.com

Micanic

St-Aug-D-Desm (418) 878-2241 micanic.com

Paul Equipment

(506) 826-3289 paulequipment.ca

Top Lift Enterprises Inc.

St-Laurent (514) 335-2953 Sherbrooke (819) 612-5438 toplift.com

YUKON TERRITORY

The Inland Group

Whitehorse, YT 867-668-2127 inland-group.com







Canada's #1 used equipment inventory | brandtused.ca



2018 JOHN DEERE 944K Unit #: RO682923

\$879,000



2018 CATERPILLAR 568 Unit #: 0U800285

\$410,000



Unit #: 2U000437

\$361,500



Unit #: 0U693213

\$290,000



Unit #: 0U204384

\$41,100



2015 JOHN DEERE 2154D Unit #: 0U210857

\$210,000



2017 KLEEMAN MR130ZI Unit #: 0U780029

\$750,000



2010 JOHN DEERE 953K Unit #: 1U187530

\$109,500



\$459,900



2012 JOHN DEERE 350G LC Unit #: 0U808878

\$127,000



2005 JOHN DEERE 872D

\$109,600



2017 JOHN DEERE 1050K

\$395,000



Unit #: RA004281

\$550,000



2019 HAMM GRW18020 Unit #: 1U280281

\$178,900



2015 JOHN DEERE 848L Unit #: 0U671331

\$177,900



Unit #: 0U007279

\$79,000



Unit #: 0U470295

\$110,600



Unit #: 0U057211

\$75,000



\$188,000



Unit #: 0U341850

\$145,000

WHAT HAPPENS AT CONEXPO **STAYS AT CONEXPO.** BRANDT HOPES TO SEE YOU SOON IN VEGAS!



1-888-227-2638

FINANCING CUSTOMIZED, FLEXIBLE OPTIONS FIND OUT MORE 1-855-711-4545





JANUARY 16, 2023



fingertip control system.

75 Pivot-Steer Tandem Roller also productivity and safety. offers adjustable compaction width range of frequencies and precision compaction. The machine is also available in a 'combi' version, with four tyres to increase machine Fingertip steering usage on more applications and jobsites.

Applications

Depending on the unique steering settings, such as off-set (crab) mode, the machine is well-suited tion times and improves safety. for open, straight jobsites—such as municipal roads or highways where high productivity is needed.

makes it suitable for jobsites such with what Ammann calls 'Fingertip as roundabouts and urban areas where steering accuracy is a priority. High versatility is key to this machine, making it an excellent fit steering wheel and allows operfor rental fleets and roadbuilding ators to keep both hands on the companies.

Innovative cab design

A new symmetrical cab with 360° visibility from the operator ROPS posts directly in the main structure and near the doors, not in the cab corners. The new location improves visibility and safety.

The cab is spacious and extremely quiet. It is suspended and tions, the display provides an isolated from external heat and vibration from the operator station. Those features keep operators comfortable, fresh and focused.

make the machine more compact. with the seat for easy viewing.

Ammann's newest roller is a highly Well-designed and well-positioned manoeuvrable pivot-steer model water tanks add to the sleek design rical cab, unique operating station equipped with two large water that gives operators a considerable while improving sight-lines to all boost in visibility and features a drum surfaces and edges. Oper-In addition, the Ammann ARP around the machine, improving limits as possible.

The ARP 75 operator station **Built for high productivity** with its 'crab mode,' a variable extends beyond the 1x1 metre rule (in both directions)—another of the ARP 75 is 1500 mm (59 in). significant safety feature.

The advanced operator station has integrated, centralised controls that are located near the and obstacles. operator and always easy to reach, approach reduces necessary reac-

adjustable, with a 270-degree rotation to optimise visibility from The roller's manoeuvrability the cab. The machine is equipped Steering' or 'FTS' making it more operator-friendly and comfortable.

> The FTS replaces the traditional armrests for improved comfort. Also, it offers advanced palm motion fatigue and injuries.

A new 10-inch touch screen station establishes a new market helps operators control all mastandard. The cab integrates four chine functions simply, safely and quickly. This includes vibratory parameters, lights, and ACEforce—the advanced 'Continuous Compaction Control' system.

In addition to machine funcoverview of fluid levels, indicators and machine status and warnings.

The display is installed on an adjustable support, located in available—front drum only, rear The overall design changes front of the operator, and moves

All these features—a symmetand rotating seat—are designed to allow operators to use the machine ators have an exceptional view in forward and reverse with as few

The standard operating width

To improve machine versatility, 'crab mode' (off-set mode) is to increase working width and enable compaction close to curbs Tier 4f and EU Stage V standards.

regardless of the seat position. This increased slightly to enable compaction around obstacles—or it can be expanded up to 1220 mm EGR+DOC+DPF. The operator's seat is fully (48 in) to total machine working width of 2720 mm (107 in).

> Ammann's vibratory system development is driven by in-house production, improving quality and

> Standard is a two-stage vibratory system with a multiple range of frequencies that helps operators precisely adjust compaction

Also, the ARP 75 has adjustable support that prevents repetitive frequencies ranging from 38-55 Hz and is able to deliver compaction output in the range of 47-92 kN per drum.

> Steering is precise thanks to a combination of FTS and four steering cylinders—two for each

High manoeuvrability comes from the wide drum turning angles of ±24-degrees. This provides an inner radius of less than 3 metres (9 ft 10 in).

Also, varied steering modes are drum only, synchro (where both drums steer) and crab.

tanks that provide capacity of 900 litres (238 gallons) for drum surface spraying. Highly effective spraying bars, with two high pressure water pumps as standard, boost sprinkling system productivity and efficiency.

Powerful engine

The roller is available mainly available. This mode is designed for countries with strict emissions regulations and fulfills U.S. EPA

The machines are equipped with Machine working width can be Kubota V3307-CR-T diesel engines with power output of 54,4 kW (74 hp) and after-treatment technology

Also, according to Ammann, the machine need only be fueled once every two shifts because of the large tank, which has a capacity of 180 litres (47.5 gallons).

Intelligent compaction systems

Available on the ARP 75 are ACEpro or ACEforce Intelligent Compaction systems, which make it easy for operators to monitor and assess compaction progress.

The ACEforce system offered on heavy compaction machines uses absolute measurement (kB value in MN/m) of compaction results, making it easy to correlate with **Options** laboratory tests.

ACEpro is an automated measurement and regulation system for controlling and adjusting compaction parameters of Ammann's rollers. Parameter adjustment is based on continuous measurement of compacted material. Core parameters—such as amplitude and frequency—utilise automatic, stepless regulation.

Both Ammann intelligent com-

The standard machine is paction systems are compatible with all major GPS manufacturer's products to provide mapping and operator guidance.

Serviceability

Serviceability, reduced downtime and total cost of ownership are essential to profitability. Machine data is collected from all regions and is reflected in innovative machine development as well as the ECOdrop philosophy.

ECOdrop is a technical solution that makes the machines mostly maintenance free - and more environmentally friendly.

Maintenance is faster and more convenient thanks to a highly accessible engine compartment with a robust design that protects all major components. All maintenance and service points are accessible from the ground. Machines are equipped with external draining points for all operational fluids such as engine oil, hydraulic oil and coolant.

All rollers are equipped with an auto-diagnostics system that communicates with service technicians via machine display. External testing ports on hydraulic components enable quick diagnosis and reduce machine downtime.

A wide range of options can make the compactor more productive, comfortable and serviceable.

Each machine is ready for installation of Ammann's telematics system, ServiceLink, which monitors the roller's position, helps with its control and communicates important jobsite data. All this information can be viewed via a portal or mobile app.

Aquajet to showcase Aqua Cutter 750V at CONEXPO-CON/AGG 2023

its newest Hydrodemolition robot, the Aqua Cutter 750V, at CONEXPO-CON/AGG 2023 in Las Vegas.

The new model launches Aquajet's patented Infinity oscillation that moves the head reach make it suitable Aqua Cutter 750V is a sigwater jet in an infinity—or figure 8—pattern, removing more concrete in a single pass while reducing shadowing, eliminating the risk of pipe holes and providing an at the forefront of Hydroideal bonding surface.

The 750V also features the next generation Evolution 3.0 Control System that includes new functions, including the ability to automatically cal-

Aquajet will be presenting lance motion for greater pre- productivity. In the coming cision and efficiency.

> Like all Aqua Cutter Robots, the 750V cleans and tools to become the new indescales rebar without causing microfracturing.

Also, its vertical and overfor a wide variety of concrete removal tasks, such as renovation and bridge and road

"Aquajet has always been demolition innovation," said Roger Simonsson, Aquajet managing director. "Infinity oscillation is the next technological evolution, and it is changing how Hydrodemo-

years, we will see it replacing rotating lances and similar dustry standard. With the productivity gains realized during customer testing, the nificant advancement for Hydrodemolition."

The machine uses constant lance motion in an infinity (figure 8) pattern, rather than the standard wave pattern that has natural fluctuations in speed. The continuous movement of the infinity pattern allows the 750V to remove more material in a single pass, significantly reducing shadowing and making it unnecessary to follow-up with hand lancing.

The consistent motion also increases the digging effect and virtually eliminates pipe holes, resulting in a superior bonding surface and increased productivity.

Furthermore, another benefit is the constant, low noise that is less disruptive has Ergo-style spring-tenin urban areas and other sioned rollers and quick run all day. noise-sensitive environ-

"Do you know what means?" asked Alessandro Campa, managing director of Atümat, Aquajet's distribu-

tor in Switzerland, when he maximizes production from inconsistencies that comsaw the 750V operate for the the machine, but also prefirst time. "It's the biggest vents miscalculations from revolution in the history manual adjustments. of Hydrodemolition," he

Ergo System.

claimed.

connection to the roller

automatically adjusts at the touch of a button. With a larger roller width and a new improved stability, the infin-

Aqua Cutter 750V also includes an upgraded version of the Evolution Control System. First released in 2004, this innovative control system still features Aquajet's depths in the same pass.

The new version ratchets menu that automatically for the operator. This not only movements, eliminating the the robot.

www.rogerstrailers.com

Another key feature is remote start and stop of the The Aqua Cutter 750V diesel engine through radio shares several similarities remote control, making it with Aquajet's innovative possible for the operator to stop or start the robot from a The infinity power head safe distance and eliminating the need for the machine to

In addition, the machine will automatically shut down Also, it uses absolute if there's no activity for a certhis level of performance sensors, which means it tain amount of time, saving battery power.

> The engine control on the triangulated base frame for thanks to the automatic speed-controlled throttle ity power head contributes that automatically adapts to precision while improving RPMs to the load. This imthe Hydrodemolition result. proves sustainability with As part of the design, the lower fuel consumption and emissions.

> The Evolution 3.0 Control System uses a visual status light to show the state of the machine with different colors. This allows operators to patented Equal Distance easily see when the machine System (EDS) as well as the is working correctly, when it ability to cut shapes and re- needs attention and when move concrete at different automatic functions or the engine have stopped.

The 750V also offers a new up its performance even level of performance with is a fully automated system more with an oscillation Aquajet's precision drive. This technology provides calculates optimal settings highly accurate hydraulic lease it or recirculate it in

416-801-5292

promise the result.

In automatic mode, the robot's lance is highly controlled and always keeps the water jet in the ideal position, which is key to achieving a perfect Hydrodemolition result.

With an all-new tracked system, the 750V is smooth-driving, similar to a car. The smooth motion increases service life by eliminating bounces that can compromise components and improves the accuracy of nozzle distance to surface, further improving precision.

The 750V is compatible 750V offers increased power with Aquajet's line of accessories, including the rotolance, circular power head and Aqua spine. It is also compatible with Aquajet's Ecosilence high-pressure pump that supplies the water to run the machine and provides a cost-effective option for transport and storage.

> The 20-foot (6.1-metre) purpose-built, state-ofthe-art insulated container includes the pump, large capacity diesel engine and control system, with a convenient storage area for the robot and accessories.

> Finally, Aquajet's EcoClear that allows contractors to treat water on-site and re-



6199 Shawson Drive Mississauga, ON L5T 1E5 Phone: 905 670 1704 Fax: 905 670 4790 Toll Free: 1 888 670 1704 WWW.TARTEN.COM

TARTEN EQUIPMENT LIMITED

COMMITTED TO SERVICE EXCELLENCE SINCE 1976





TRAILER

SUPPLY CO.

Email: w.smith1@rogers.com Yard Location; 402 Mulock Dr. Newmarket, ON. L3Y 9B9

SPECIALIZED SERIES -63553



TAG SERIES -63548

CENTURY SERIES -4069

NEW 55 TONS AVAILABLE NOW!

· NEW · USED · RENTALS





✓ Non ground bearing gooseneck.
✓ Four beam tapered design.
✓ Front fixed ramps.
✓ 25'0" level deck.
✓ Boom well and bucket pocket ✓ Equipped for pin on 4th axle. ✓ 275 rubber/aluminum wheels/ABS brakes ✓ LED lights ✓ Load bearing trunnions between wheels. -72413



LEASE AND FINANCE OPTIONS AVAILABLE

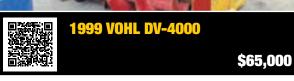
Whether your hauling needs take you over or off-the-road, ROGERS trailers give you the reliability, versatility and efficiency you need to lower your costs and improve you profits

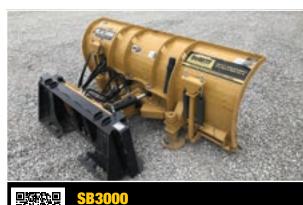










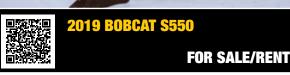




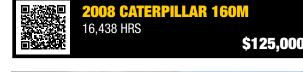


2018 VOLVO L90H 1,191 HRS



















New for **CCE 2023**



Post-Show Mixer:

IN CONVERSATION WITH **GEORGES ST-PIERRE**

Presented By _MANULIFT Hosted by P.J. Stock



Two Day - Live Demo:

THE FIRST NORTH AMERICAN INDOOR FULL-SCALE 3D CONSTRUCTION PRINTING

DEMO BY nidus3D



















GOLD SPONSORS



JOIN US AT **CCE 2023**

FEB 16-17, 2023 | TORONTO, ON

CanadianConcreteExpo.com







Wirtgen adds cabin to F-series compact milling machines

At the beginning of this ditions—no matter whether of environmental influenyear, Wirtgen celebrated it's windy, raining, cold or ces inside the cabin and the market launch of its sunny and hot. completely redesigned generation of compact milling machines.

Now, the company has added another innovation that focuses on ergonomics.

class machines can be fitted with a comfort cabin.

Comfort and safety for the operator

The operator's cabin for the W 100 Fi—W 130 Fi models offers the operator a comfortable, low-fatigue workplace and provides effective protection against noise emissions.

At the same time, the cabin **Low-fatigue environment** protects the operator when

Also, the cabin air is fatigue. cleaned by a filter system and the temperature is controlled ator an attractive working by an automatic air conditioning and heating system.

For the first time, compact cabin as a positive-pressure system to prevent dirt, dust and hazardous materials from entering into, and that contribute to safety and collecting in, the operator's productivity, such as conworkplace.

> regardless of the weather impaired in any way. conditions, the operator's workplace always stays dry **Problem-free communication** and clean.

working in all weather con-aimed at lowering the impact quiet enough for the operator with the crew on the ground. vandalism.

effectively reduce stress and

The cabin offers the operenvironment with state-ofthe-art control elements and Wirtgen engineered the assistance systems that are unique in this class.

This, according to Wirtgen, assures that important factors centration and physical or The company claims that mental capabilities, are not

Wirtgen's cabin is the ambient noise level. According The increased comfort is to the company, the cabin is

to make hands-free phone **Enclosed cabin prevents**

For communication on the One unique strength of construction site, the operator can either use a radio headset or open the easily accessible side window to talk

vandalism

According to Wirtgen, when closed and locked, the operator's cabin and securely protected against the working day.

So, fleet managers and operators do not have to bring out and put away protection covers, or open and close fold-away control all control elements are panels, at any time during



Dynapac set to start production of electric equipment for North American market

Dynapac is preparing to start full production American Market.

tests conducted between 2021 and 2022 have free equipment. shown the enormous potential of this new generation of powerful rollers and compact Z.ERA CC900 e and CC1000 e equipment.

world's first serial produced electric rollers in select European Markets, along with several compact equipment such as rammers performance of their diesel counterparts. and plates.

Prepared ahead of trends

(905) 564-9444

As part of the company's accountability and chine. The market was not prepared for such commitment in helping businesses and innovation, however Dynapac continue to customers reach their sustainability goals, learn from the prototype and continues to develop significant advancements. As the of electric rollers and other compact equip-industry and climate needs for zero emission ment by the end of 2022 specific to the North projects are gaining momentum, Dynapac is well prepared for such and has launched According to the company, field validation the Z.ERA program, new era for emission

Dynapac claims that the introduction of In 2022, Dynapac already delivered the the CC900 e and CC1000 e sets a clear course on the company's path to offering more sustainable rollers with all the power and

Both rollers come with all the well-known advantages electrically powered vehicles bring with them such as increased cost Dynapac's first innovation into electric savings, fewer moving parts, and maintenrollers dates to 2012 with a prototype ma- ance—while offering a powerful battery

capable of completing a full day of operation without recharging.

Also, the CC900 e and CC1000 e deliver the same static linear load, amplitude, gradeability and travel speed as the diesel-powered models on which they are based, with no compromise on productivity or job site performance.

"Specific to North American market we are emphasizing on ease of charging the battery by offering multitude of charging solutions including 110 / 240V 1 phase charging solutions and also a fast charging solution similar to electric cars," said Vijay Palanisamy, vice president of product management and marketing. "With benefits including lower noise levels, no exhaust fumes, fewer daily maintenance points, and being easy to understand and operate, the Z.ERA range of rollers is an efficient choice for customers to achieve zero emissions at point of equipment operation."





Fax: (905) 564-9313





NEW HIRES & APPOINTMENTS IN THE HEAVY EQUIPMENT INDUSTRY

Caterpillar names new chief sustainability officer

Caterpillar has announced Transportation segment. that Dr. Lou Balmer-Millar Large Power Systems Div- of dedicated service. ision within the Energy and

Balmer-Millar succeeds will assume responsibility Julie Lagacy, who was to Chairman and CEO Jim Energy & Transportation and by specific customer for the chief sustainability Caterpillar's first chief susofficer role in addition to tainability & strategy officer her current responsibility as and is retiring February 1, portant focus area of our of product solutions to supsenior vice president of the 2023, after nearly 35 years long-term strategy for port our customers during able world."

"Sustainability is an im-In her capacity as chief Caterpillar Chairman and help them achieve their cli-

sustainability officer, Balm- CEO Jim Umpleby. "Building mate-related objectives by er-Millar will report directly on her role in Caterpillar's geography, by application segment, this move further need. We remain committed enhances the advancement to helping our customers profitable growth," said the energy transition and

build a better, more sustain-

Balmer-Millar has held several technical and business leadership positions of increased scope and responsibility over her 20year career with Caterpillar.

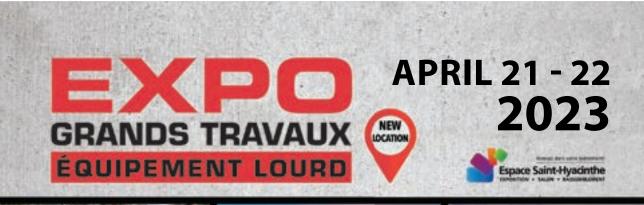
Prior to joining the company, she led materials and chemical engineering research efforts at the **Environmental Molecular** Pacific Northwest National Laboratory.



Dr. Lou Balmer-Millar

Balmer-Millar has a Ph.D. in Materials Science from the University of California, Santa Barbara and a Bachelor of Science in engineering from The Pennsylvania State University.

Balmer-Millar will work Science Laboratory of the with Lagacy to transition to the role in the first quarter of 2023.





your brand awareness and most importantly, make sales - be part of this HUGE event!

For more information and to secure your space at this premier event, please contact:

Endorsed by:

Mark Cusack, National Show Manager

mcusack@mpltd.ca

smurphy@mpltd.ca

Espace Saint-Hyacinthe • April 21 - 22, 2023 Saint-Hyacinthe, Quebec, Canada

Toll Free: 1.888.454.7469

Visitor Registration Coming Soon!









EQUIPMENT JOURNAL



Terex Utilities promotes Cammisa to senior director of services

that Nick Cammisa has been promoted to Senior Director Houston, and are built-to-suit of Services, and will now lead facilities that offer full-service the Terex Services team.

"Nick brings well-rounded experience to his role as Senior Director of Services from branch management, improving safe work pracsales, and strategic account management, and our customers through is positioned to lead this preventative maintenance, department in continued growth," said Simon Croker, interim vice president and general manager. Cammisa has 33 years of experience in the utilities and construction equipment industry and nearly 20 years with Terex Utilities.

Terex Services has 21 sertechnicians located in the US. process." ■

Terex Utilities has announced The most recent service facilities were built in Atlanta and repair. Terex Services supports Terex Utilities, Genie and competitive equipment.

"We are focused on tices and productivity of inspections, troubleshooting, and transfers and rebuilds," said Cammisa. "Terex Services team members work closely with customers to establish the best course of action for repairs and rebuilds and strive to maintain close communication regarding the turnaround vice centres and field service time throughout the repair

CONNECT WITH US!



Visit us at: www.equipmentjournal.com





MARCH 14-18 / 2023 / LAS VEGAS / NEVADA



- > 2.7M Square Feet of Exhibits
- **)** 130,000 Attendees
- > 1,800 Exhibitors
- > 150 Education Sessions

REGISTER at conexpoconagg.com Save 20% with promo code SHOW20





2015 VOLVO A30G 5,641 HOURS, WIDE TIRES. CALL FOR SPECIAL PRICE



2014 CAT D6T LGP EROPS, 90% U/C, NEW CHAINS



2018 CAT 950 GC 1,800 HOURS, FUSION COUPLER, 4.5YD ON RENT



2022 TRIDENT 124 VIBRATORY SCREEN 4X12 DECK, CAT ASKING \$265,000 POWER, NEW AND UNUSED.



2012 D3K2 LGP 2,150 HOURS, 6 WAY BLADE, AC CAB. \$119,000



2014 CAT D6N LGP 4,827 HOURS, 6 WAY BLADE, A/C,



2021 CAT CS78B 650 HOURS, 84" SMOOTH DRUM, CAB, AC. ..ARRIVING SOON



2020 JOHN DEERE 245G LC 1,075 HOURS, 9'6" STICK, Q/C, HYD. THUMB.





2017 CAT 315FL 2,680 HOURS, BLADE, Q/C, 15'3" BOOM, 2020 KOMATSU PC360LC-11 1,110 HOURS, 10'5" STICK, (2) 2022 CAT 349 NEXT GEN, 12'10" STICK, Q/C, TOOL 30 TON TRUCKS TAILGATES, HEATED BODIES, CHOICE







2020 HITACHI ZX225 USLC-6 2,365 HOURS, 9'6" STICK, \$219,000





2019 HITACHI ZX225 USLC-6 3,100 HOURS, 9'6" STICK, .\$199,000 Q/C, AUX. HYD.



2015 CAT 314ELCR 3,660 HOURS, BLADE, AUX. HYD. 9'10" STICK, 28" PADS.

UIPMENT

CONNECT WITH US! f ∅ in ▶

SALES

EVAN TZARAS etzaras@hubequipment.com **J** (416) 720-6280

I RENTALS

DARYL MACLENNAN rentals@hubequipment.com

J (416) 930-6757

mshannon@hubequipment.com **(416)** 720-5570

hubequipment.com 416-236-5425 60 N. Queen St., Toronto, ON M8Z ZC4

MARK