A Brief Word...

April showers bring May... floods, clean ups, and cool spring.

The upside to this calamity is that it will bring a lot of work for contractors large and small. It also promises to be a boon to the rental industry in many regions.

April wasn’t just full of wicked weather, it was full of events and shows where new or updated products were launched.

NHES, Bauma, ExpoCam, and CIM to mention but a few! But WHAT a few, and InfraStructures was there, there, there AND there! You wouldn’t expect any less from the leading equipment publication in Canada. Would you?

We shall do our best to squeeze as much as we can, and more into this issue. That is what you have come to expect from your most trusted source of information and news. In the industry.

Keep your brollies at the ready!

On the cover: the birds are singing and buds are sprouting – time for a spot of spring cleaning. The perfect calling for the Mercedes-Benz Unimog which many road maintenance authorities in Germany use for cleaning roadside marker posts.
PRACTICE-ORIENTED PROCESSES FOR MACHINE SAFETY AND BIM INTEGRATION OF CAPTURED IMAGE DATA

At Bauma 2019, Motec presented its intelligent digital cameras, a conceptual construction site scenario that supports processes for machine safety and the Building Information Modeling (BIM) integration of a digitized construction site.

Within the framework of a model structure, Motec shows the different functionalities, such as the detection of persons and objects in the danger area of a construction machine or crane. Motec digital cameras can identify and record the size and weight of components delivered and stored using ID tags, QR codes, bar codes or geometry. Further features of the Ethernet cameras are the checking of the optimal loading of the crane or the display of the swing-in position for the component in the overall construction. The information is displayed on monitors via standardized interfaces and thus passed on to the crane operator.

The complete visualization of all information, including warnings of hazards, makes it easier for the machine operator to carry out all the processes during the construction phase safely, precisely and on schedule and at the same time to document this as proof.

BIM is a 3D computer model of construction planning that can be extended by many dimensions through comprehensive data integration. The aim is to improve added value and performance over the entire life cycle of a building. In terms of the construction phase, this should save 40 to 50% of the construction time in the future.

Motec is a German company with a strong focus on the development and manufacture of customized robust sensors and software for camera-based driver assistance systems for commercial vehicles and mobile machinery. Motec was acquired by AMETEK in 2018. AMETEK consists of more than 40 individual business units operating in the U.S. and 30 other countries.

Source: AMETEK, Inc.

STONERIDGE-ORLACO PRESENTS ITS NEW MONITOR SYSTEMS

At Promat 2019, held last April in Chicago, Illinois, Stoneridge-Orlaco presented a new 7” HLED monitor with a fresh new design to complement the current real time digital (GMSL) product range. Due to its more compact size, the 7” HLED is better suited for rearview solutions in reach trucks, counterbalance forklifts and other forklift applications.

The new monitor is a complete new design compared to the current 10” HLED. Its full front glass coating and responsive capacitive keypad do not only give the monitor a much more modern look and feel, they also improve the overall environmental protection. The full glass cover makes the new monitor a lot stronger, easier to clean and watertight (IP69K). With an operational temperature of -40°C to +85°C, the high environmental protection and compact size makes the 7” HLED monitor a perfect fit for the demanding environments in which it will be used.

With the 7” monitor, the real time digital product portfolio consists of heavy duty digital cameras (apertures varying from 30°
to 180°), (dynamic) cables with waterproof molded connectors, a rugged switcher and monitors (7” and 10”).

Source: Stoneridge-Orlaco

PACLEASE EDMONTON IS PACLEASE NORTH AMERICAN FRANCHISE OF THE YEAR

PacLease Edmonton Kenworth, located in Edmonton, Alberta, has been named the PacLease 2018 North American Franchise of the Year. The honor was presented at the annual PacLease awards dinner held in conjunction with TRALA’s annual meeting in Orlando, Florida. Jim Callaway, general manager, was on hand from PacLease Edmonton Kenworth to receive the award.

According to Ken Roemer, president of PACCAR Leasing, PacLease has an extensive evaluation process to decide which franchise will receive the award.

“PacLease Edmonton Kenworth exceeded expectations when it came to supporting the network and delivering on all performance metrics,” said Mr. Roemer. “They had an outstanding year and were very deserving of the award. The PacLease Edmonton Kenworth team provided exemplary service, focusing on uptime and ensuring their customers’ needs are always met. They had a strong year in all of the rated categories, and it is an honor to recognize their accomplishments.”

In addition to the North American Franchise of the Year award, PacLease recognized its top U.S. and Canadian franchises.

PacLease named Southland PacLease, (Louisiana) and Western Truck Leasing (Washington) as its U.S. Franchises of the Year for Kenworth and Peterbilt. Location de Camions Eureka (Quebec) and Peterbilt Manitoba PacLease, took home the honors as the Kenworth and Peterbilt Franchises of the Year for Canada.

“These winners all had great years, grew their businesses and provided excellent support to our customers and the PacLease network as a whole,” added Ken Roemer. “They are all excellent partners with PacLease and I am happy to present them with these awards.”

“We are very proud of all our franchise award winners,” concluded Mr. Roemer. “Our strong product line of Kenworth and Peterbilt trucks, backed by outstanding customer service provided by all of our award winners helped us achieve another stellar year in 2018, adding 18 new locations to grow our PacLease U.S. and Canadian network to more than 460 locations.”

Source: PACCAR Leasing Company

MORBARK® EXPANDS DEALER NETWORK

Morbark® recently added 5 companies to its worldwide dealer network for tree care products, including Morbark brush chippers and Rayco stump cutters.

Four of them are located in the U.S., and the other is Edge Equipment, Ltd., located in Edmonton, Alberta.

“We’re growing our network to ensure we have the industry’s best customer support, delivered locally by knowledgeable and reputable local dealers,” said Casey Gross, Morbark director of Tree Care Products. “It is important the companies we partner with continue to raise the bar and provide the high-quality customer service that people expect from Morbark.”

Source: Morbark, LLC
COOPER EQUIPMENT RENTALS ACQUIRES PRIME RENTALS
Cooper Equipment Rentals Limited recently announced that it has acquired Prime Rentals Ltd.
Prime Rentals has 2 locations in Lethbridge and nearby Taber, Alberta. Prime was established in 1979, and over the past several decades has developed a reputation for reliable, value-added service and has established a loyal base of customers that rely on the company to provide complete equipment rental solutions. Kim and Trina Tymko, the owners of Prime, will assist in ensuring a smooth transition of the acquisition over the next several months.
“We are excited about the expansion of our operations in the southern Alberta market with the addition of Prime Rentals’ experienced team of rental professionals, well-rounded equipment fleet and excellent branch facilities,” said Darryl Cooper, president of Cooper.
“This strategic acquisition strengthens our position in the important Alberta market and allows us to better support customers throughout southern Alberta. It moves us closer to our goal of establishing a national network of branches through which we can deliver best-in-class service to customers throughout Canada,” added Doug Dougherty, CEO of Cooper.
“My wife Trina and I take great pride in the business our family has built, and we are deeply committed to Prime Rentals’ employees and customers. We have every confidence that this transaction will provide meaningful opportunity for our employees and will allow Prime Rentals’ customers to continue receiving the high level of service to which they have become accustomed,” said Kim Tymko, president of Prime Rentals.
Source: Cooper Equipment Rentals Limited

JCB Launches LPG-Fuelled Teletruk Forklifts in North America

JCB recently added 2 liquid propane gas (LPG)-fuelled models to its range of popular Teletruk forklifts. Initially developed to meet the needs of the logistics industry, the new JCB TLT 25 LPG and TLT 30 LPG Teletrucks are suited to indoor and emissions-sensitive applications, such as warehouse and logistics facilities, food processing, and greenhouse and commercial landscaping operations.

The JCB Teletruk is the world’s only telescopic counterbalance forklift, allowing it to lift higher and reach further than a conventional forklift. The Teletruk design also eliminates the visibility obstruction created by a forklift mast, for improved site safety and productivity.

The TLT 25 LPG has a maximum lift capacity of 2,500 kg and the TLT 30 LPG has a maximum lift capacity of 3,000 kg. Both machines have a maximum lift height of 4.0 m and forward reach of 1.42 m. And both models are powered by a 59 hp Tier 4 final-compliant Kubota engine.

“The Teletruk is already a game-changer for forklift operators who love the lift height, reach and unobstructed visibility. Once they start using it, they do not want anything else,” said Rebecca Yates, material handling product manager at JCB North America.

“The addition of LPG models makes the JCB forklift range a viable and desirable option for a whole new range of indoor applications and makes it a great choice for environmentally conscious customers.”

The telescopic boom on the Teletruk allows loading and unloading tasks to be completed within half the space required by a conventional forklift. And the unrivalled forward reach allows the operator to unload a trailer from one side, reducing forklift movements, saving time and fuel, and minimizing hazards for others around the work site.

JCB Teletrucks fit into a standard shipping container, for easy unloading, and can operate on a 16% gradient with a full load. All Teletrucks are also equipped with JCB’s LiveLink telematics system which offers real time machine status information to maximum uptime. In addition to the new LPG machines, JCB North America continues to offer the diesel-powered TLT 35 D Teletruk for construction applications.

Source: JCB North America

GRYB ACQUIRES BATEMAN MANUFACTURING

GRYB recently announced the acquisition of Bateman Manufacturing, a manufacturer of grapples and attachments for the demolition and recycling industries.

Bateman Manufacturing has over 40 employees, and is located in just north of Toronto, Ontario.

Rémi Beaudoin, Luc D’Amours, Jacquot Caron, and Jason McNeil, the owners of GRYB, are proud to welcome these new employees into the GRYB family. This acquisition will allow GRYB to become one of the major Canadian players in manufacturing and sales of attachments for heavy machinery in a variety of industries, including industrial, construction, demolition, recycling and forestry. GRYB’s goal is to revolutionize the client experience by offering an enhanced product line and unmatched execution speed, from design to after-sales customer service.

In recent years, GRYB has become a leader in designing specialized attachments in Quebec. The acquisition of Bateman Manufacturing will diversify the product range by adding a line of grapples and by establishing a presence in Ontario. The Bateman brand, with a history in the demolition and recycling industries, including industrial, construction, demolition, recycling and forestry. GRYB’s goal is to revolutionize the client experience by offering an enhanced product line and unmatched execution speed, from design to after-sales customer service.

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John Deere Announces JDLink™ Ultimate Subscription Price Reduction

John Deere Construction and Forestry is decreasing its annual JDLink™ Ultimate offering prices, providing customers with an affordable, streamlined data solution that boosts productivity and maximizes uptime. Additionally, the division is consolidating JDLink Ultimate Forestry with the larger JDLink offering.

“Machine connectivity is key for our customers, who rely on this technology to maximize productivity and uptime. When we first rolled out our JDLink offering, we were excited to bring an innovative solution to the market that connected our customers with their machines and dealers,” said Ana-Maria Mallia, product marketing manager, JDLink. “We want to make it even easier for our customers to stay connected, and to do so, we are reducing prices to make this solution even more affordable and consolidating our subscription structure.”

Beginning in May, the annual subscription for JDLink Ultimate will be US$200 ($270), and the JDLink Ultimate dual subscription will be US$630 ($850). Tier pricing will be eliminated and customers can purchase up to 3 years of a subscription.

Additionally, the Forestry Ultimate and Forestry Ultimate dual subscriptions will be eliminated and consolidated with JDLink Ultimate and JDLink Ultimate dual. Moving forward, the Wireless-Data-Transfer and Limited Internet features offered in the Forestry Ultimate subscription will be included with all Ultimate and Ultimate Dual subscriptions. This change will be applied to both existing Forestry machines as well as new machine orders.

Source: Deere & Company

NEW EDITION OF THE MANUAL FOR BRIDGE ELEMENT INSPECTION

The American Association of State Highway and Transportation Officials (AASHTO) has released the 2nd edition of its Manual for Bridge Element Inspection. The manual was developed by the AASHTO Committee on Bridges and Structures, Technical Committee on Bridge Management, Evaluation, and Rehabilitation.

The Manual for Bridge Element Inspection is a reference for standardized element definitions, element quantity calculations, condition state definitions, element feasible actions, and inspection conventions. Its goal is to capture the condition of bridges in a simple, effective way and Transportation Officials (AASHTO) can be standardized nationwide, while providing enough flexibility to be adapted by both large and small agencies. It is designed for use by state departments of transportation and other agencies that perform element-level bridge inspections.

“With the inclusion of defect photographs for the elements and spatial estimating guides, the Manual for Bridge Element Inspection, 2nd Edition, will provide greatly improved tools to bridge owners and will enable them to more effectively manage their bridges,” says Matt Farrar, State Bridge engineer, Idaho Transporta-
tion Department, and chair of the Technical Committee on Bridge Management, Evaluation, and Rehabilitation, which oversaw the development of the new edition.

This 2nd edition of the manual – which supersedes the 2013 1st edition – incorporates suggested changes by numerous inspecting agencies, consultant inspection firms, and training instructors, and attempts to cover the majority of bridge elements found on highway bridges in the U.S.

The Manual for Bridge Element Inspection, 2nd Edition, is available in paperback, as a PDF download, or in a set that includes both the paperback and PDF download formats at a discounted rate.

Source: The American Association of State Highway and Transportation Officials (AASHTO)

NEW MACHINES IN CONSTRUCTION 4.0 WORKING GROUP FOUNDED AT BAUMA

The increasing networking of machines requires more cooperation between manufacturers and customers. Machine language, data management and data security are just a few keywords. The new Machines in Construction 4.0 (MiC 4.0) working group was founded on April 8 at Bauma, in Munich, Germany, to enable this work to be carried out in a more structured manner and with all actors involved in the value chain.

“With the founding of the MiC 4.0 working group, we are responding to the desire of our members to tackle this issue intensively, in a structured and goal-oriented manner,” said Joachim Schmid, VDMA managing director for Construction Equipment and Plant Engineering. The working group will be open to companies from all over Europe and beyond.

The Executive Board has appointed Dr. Darius Soßdorf as managing director. Dr. Soßdorf has been involved in digitization since he joined the association.

With the new working group, companies that cannot become VDMA members now have the opportunity to become members of this working group. It is essentially about machine data, M2M communication, ISO 15143-3, standardization and data rights. The goal is to network machines more and more with each other.

Interested companies can register. This includes the following areas:

- machine manufacturers;
- construction industry, construction companies;
- suppliers, component manufacturers;
- software, sensor, drive and motor manufacturers;
- manufacturers of telecommunication and geopositioning systems;
- universities, institutes and research institutions.

The Verband Deutscher Maschinen- und Anlagenbau (VDMA) represents more than 3,200 companies in the medium-sized mechanical and plant engineering sector. With a good 1.3 million employees in Germany...

Komatsu and MineWare Announce Mining’s First Integrated Payload Management System

Komatsu and MineWare officially launched their first factory-fitted payload management system, Argus PLM, at Bauma 2019 trade fair in Germany, last April.

Argus PLM drives whole-of-mine improvement by increasing loading tool productivity and efficiency, which ultimately lowers cost per tonne. Argus PLM is an original equipment manufacturer (OEM) version of the MineWare Argus monitoring system designed exclusively for the Komatsu range of hydraulic excavators.

"Mining operators need world-class technology solutions to improve productivity, reduce costs and increase their global competitiveness," said Roy Pater, MineWare vice president of marketing. "By uniting Komatsu and MineWare capabilities we’re offering customers the opportunity to have production improvement technology fully integrated with the machine, when ordering a new machine, to achieve these benefits. Argus PLM enables OEMs, like Komatsu, to deliver a superior and unrivaled machine for the mining industry while also shifting technology development further towards tele-remote and autonomous mining operations.”

Argus PLM integrates seamlessly with Komatsu’s Komtrax operating system and forms part of the on-board display. This delivers actionable production information, in real time, from the machine directly to the operator. If the mine site has suitable connectivity, this information can be transmitted back to the site office too.

The system provides mining personnel on and off site with greater production visibility and performance benchmarking data to monitor, take action and understand how to improve the machine’s productivity.

“This system adds value to every bucket load, enabling operators and supervisors to continually improve productivity and contribute to whole of mine production. Ultimately that means moving more tonnes for less cost,” added Mr. Pater.

Komatsu is the first OEM to deliver an in-cab payload management and guidance system, fully integrated with the excavator’s own operating system.

Argus PLM will be available on all new Komatsu PC7000-11 models. Komatsu plans to continue rolling out the Argus PLM across all other PC series excavator models, in time.

Source: Komatsu, MineWare
and a turnover of €232 billion ($349 billion) in 2018, the sector is the largest industrial employer and one of the leading German industrial sectors overall.

Source: VDMA

MTU GO! ACT AND GO! MANAGE DIGITAL TOOLS SUPPORT GLOBAL CUSTOMER SERVICE
The Rolls-Royce business unit Power Systems is strengthening its activities to expand the digital services for the customers. The Digital Solutions team, established in 2017, is being expanded, and a data and analytics competence center is currently being set up in Munich, Germany. Since the beginning of 2018, experts have been working jointly in different time zones at Customer Care Centers for MTU products across five locations - Singapore, Novi (Michigan), Suzhou, Augsburg and Friedrichshafen. They provide 24/7 support to ensure full availability for customer requests operating MTU propulsion systems. The new Digital Solutions division as well as the new Customer Care Centers are part of the current initiative by the Rolls-Royce business unit Power Systems to transform its global customer service.

“We intend to deliver an exceptionally high customer-focused improvement in both our services and our products with our new service and digital strategy,” said Andreas Schell, CEO of Rolls-Royce Power Systems. “The aim of this transformation is to develop into a complete solutions provider to fully support our customers.”

“We are developing digital products and services that are generating significant customer benefits,” said Jürgen Winterholler, who leads the Digital Solutions division. The first digital tools, MTU Go! Act and MTU Go! Manage, are already available for Series 2000 and Series 4000 engines used in mining vehicles. Connecting up the systems via data loggers will enable both experts and customers to monitor the engines remotely, schedule maintenance work and determine the availability of spare parts, analyze operating data and derive what action is to be recommended to improve the use and operation of products.

“As a result of the interaction between our new service agreements, new digital tools and the Customer Care Centers, the customer is provided with a complete peace-of-mind package,” said Matthias Vogel, executive vice president Service, Network and Business Development of the Power Systems business unit. “Customers benefit in terms of the reliability, operational efficiency and maximum service life of their propulsion system – we take care of all that to ensure that customers can concentrate on their own core business.”

The experts in the Customer Care Centers work fully aligned with the Digital Solutions team. Predictive maintenance work is scheduled to ensure that everything runs smoothly. Maintenance intervals are coordinated and an optimized, transparent cost structure is in place guaranteeing the reliability and availability of engines and systems.

Source: Rolls-Royce Holdings plc

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BOMAG announces Construction Equipment Solutions (CES) as a new rental equipment industry distributor for the provinces of Ontario and Newfoundland and Labrador. As a new BOMAG rental distributor, CES will offer independent and national rental outlets sales and parts support for BOMAG’s extensive line of rental compaction equipment from its Pickering, Ontario, headquarters.

“CES has served the rental industry for more than 25 years and is well known throughout this territory for providing customers productive and reliable equipment solutions to meet their needs,” says Dan Church, sales manager for BOMAG (Canada), Inc. “Their staff offers more than a century of combined rental industry experience. This unmatched application knowledge for walk-behind compactors and ride-on rollers, paired with BOMAG rental equipment, is a perfect match to help make their customers more successful.”

For soil and asphalt compaction applications, CES customers will now have access to one of the industry’s broadest lines of rental compaction equipment. The comprehensive line includes vibratory tampers, single and reversible place compactors, walk-behind rollers, trench compactors, small tandem ride-on rollers, and smooth and padfoot single drum vibratory rollers with weights ranging to 12.5 t.

“The BOMAG name and reputation for quality equipment is well known throughout our territory, and we are excited to be partnering with BOMAG to help expand the market for the company’s rental equipment,” comments Kim Wiles, president for Construction Equipment Solutions. “We have a unique approach to sales and support through stocking the equipment we sell and the parts to support it at our facility. We’ve offered compaction equipment since day-one and are known for carrying quality and reliable equipment, and BOMAG will help us to carry on that tradition. Adding BOMAG to the other concrete, pumping and heating equipment we supply to the rental industry will help us forge deeper partnerships with our customers.”

Source: BOMAG Americas
Elgin Sweeper Company has partnered with RoadBotics, Inc. to offer Florida’s 400+ municipalities the ability to collect road condition data during sweeping operations, exclusively using Elgin Sweeper street sweepers. The partnership aims to help local government officials managing road maintenance budgets – while facing mounting pressure from citizens to address potholes and other poor road conditions – to make data-driven road improvement decisions.

According to Mike Higgins, vice president and general manager at Elgin Sweeper, the partnership with RoadBotics will enable many of the company’s municipal customers across Florida to receive important data about the conditions of their roads as they sweep.

“Our customers in Florida deploy Elgin Sweeper products year-round to keep their streets clean of debris and sand. These sweepers traverse every road of each municipality on a regular basis. By applying RoadBotics’ technology, we turn each sweeper into a mobile data collection platform that generates a detailed pavement assessment for our customers’ entire road networks. Street sweepers have always been essential tools for improving water and air quality, and with the RoadBotics partnership, our sweepers will now also help Florida communities improve the streets themselves,” said Mr. Higgins.

Mark DeSantis, RoadBotics’ CEO, described the partnership with Elgin Sweeper as a major step forward in public infrastructure management.

“More than 100 local governments across the U.S. have switched to our AI technology to assess their road networks because they want the reliable and objective condition data our AI platform generates. Typically, a municipality needs to wait for our team of technicians to arrive in their community to complete data collection. Now, a municipality can become a subscriber of our technology and conduct a pavement assessment immediately using...
Elgin Sweeper’s fleet of street sweepers. With this partnership, Elgin Sweeper’s products will keep streets clean while simultaneously providing city officials with critical data about the conditions of their roads and infrastructure. It’s a win-win,” said Mr. DeSantis.

RoadBotics’ pavement assessment technology works by mounting a smartphone to the windshield of a vehicle – in this case, a street sweeper. The smartphone collects images of the road surface using the company’s proprietary RoadSense app as the vehicle travels the roads.

The data is then analyzed using cutting-edge machine-learning technology, which identifies road surface damage such as potholes and cracks and results in a detailed, meter-by-meter pavement assessment of the entire road network. Government public works officials then use this data to prioritize pavement maintenance in their community.

“Elgin Sweeper is committed to getting smart city technology, like RoadBotics, into the hands of our municipal customers in Florida – to help them achieve their mission to provide safe roads for their residents,” said Mike Higgins. “We will be leveraging the knowledge and expertise of Environmental Products Group, our local dealer, to execute this initiative. Roll-out to the broader U.S. is expected to follow initial deployment to Florida.”

“With Elgin Sweeper’s products collecting data while sweeping, more municipalities will have a transparent view into the condition of their roads, and in the future, much more of their infrastructure,” said Mark DeSantis. “Such transparency represents a revolution in the way we are able to provide safer roads and infrastructure for millions of people each day. It’s an ambitious goal, but Elgin Sweeper is the ideal partner to make it a reality.”

Source: Elgin Sweeper Company
Yanmar Produces 10 Millionth Vertical Water-cooled Engine

Yanmar recently announced the production of its 10 millionth vertical water-cooled engine.

Yanmar started production of vertical water-cooled engines – the main product of Yanmar’s industrial power products business – at its former Nagahama, Japan, factory in 1968.

Most of the current production is taking place at the company’s Biwa, Japan, factory – the so-called “mother factory” for this type of engine. Ibuki factory in Japan, and Yanmar Engine (Shandong) Co., Ltd. in China, also produce the engines.

With beginnings in Osaka, Japan, in 1912, Yanmar was the first to succeed in making a compact diesel engine of a practical size in 1933. Yanmar has continued to expand its product range, services, and expertise to deliver total solutions as an industrial equipment manufacturer.

Yanmar has long been a leader of innovation in the industry. With the introduction of ever stricter emissions regulations, Yanmar has met the various environmental regulations, while pursuing lower fuel consumption and higher output, pioneering industry-leading industrial engine technology.

Yanmar regards the achievement of this 10 millionth unit as a major milestone and will continue to work on development and production of high-quality, highly reliable engines that meet the diverse needs of its customers.

Source: Yanmar Co., Ltd.

Cooper Tire Launches New SEVERE Series Tire for Construction Trucks

Cooper Tire recently announced the availability of a new mixed service wide base all-position (WBA) tire as part of its Cooper® SEVERE Series™ lineup. The Cooper SEVERE Series WBA provides long miles to removal while handling the harsh operating conditions found in construction truck applications – especially mixers and dump trucks. The tire is available in 385/65R22.5 and 425/65R22.5 sizes, in load range L.

“Our Cooper SEVERE Series tire line, which now also includes the WBA, provides exceptional performance while giving our customers a low cost of ownership proposition,” said Gary Schroeder, Executive Director of Cooper’s Global Truck and Bus Tire Business. “The WBA is a premium tire engineered to give those running mixers and dump trucks a tire with the power to outperform others at its price point.”

The Cooper SEVERE Series WBA features a 5-rib design with 23/32” of tread and a unique zigzag rib in the center. While unique in looks, the tire is designed to provide exceptional traction and cornering in slippery construction site conditions. Special cut, chip and chunk resistant compounds, plus Cooper’s Scrub Guard™ technology, help the tire withstand scrapping, curbs, and other obstacles typically encountered during operations to ensure longer tire life while maintaining casing integrity.

“Since many of our customers run 80 to 90% on-road, with the other duty cycles off-road in quarries and on gravel roads, the tire must give optimal performance in both driving conditions,” said Mr. Schroeder. “And it does. We balance tire life – long miles to removal – with a durable tire that holds up against the toughest of conditions.”

Featuring notched circumferential ribs, the tire has stone ejector ledges to help reduce and prevent the penetration of sharp rocks and stones. In addition, grooved walls contain a dual “shelf” to aid in tread stability – minimizing squirm when cornering – while providing additional stone protection. Tie bars stabilize the center rib to enhance driving performance, and a five-inch steel band reinforcement in the lower sidewall provides reinforcement and casing durability.

The tire features a strong four-belt casing design to help ensure multiple retreads, while Cooper’s industry-leading seven-year, two-retread warranty provides added confidence to buyers.

Source: Cooper Tire & Rubber Company
John Deere Continues Commitment to Environmental Conservancy by Hosting Annual Reman Day Celebration

Continuing its efforts to advance the remanufacturing industry, John Deere hosted its annual Reman Day celebration on April 11, 2019, at its remanufacturing facilities in Springfield, Missouri and Edmonton, Alberta, as well as at various units throughout the company. This year’s celebration focused on 3 primary themes: delivering value to the John Deere customer, quality and pride of workmanship throughout the remanufacturing process, and improving environmental stewardship.

At the Reman facilities in Springfield, Missouri, the day began with an emphasis on hazardous material collection. Crews were on site to collect and dispose of items such as paints, electronics, light bulbs, and oil. John Deere also invited local high schools to learn more about the remanufacturing process and how it benefits the environment. Students received a tour of the engine remanufacturing facility and learned more about various John Deere scholarship opportunities.

Recently celebrating 20 years since the program’s launch in Springfield, Missouri, the John Deere Reman program has offered like-new exchange components since 1998. Previously sold, used or worn parts are restored from both a quality and performance perspective – and cost between 20-40% less than new parts. Remanufactured components such as engines, transmissions, axles, electronics and rotating electrical components are covered under a John Deere warranty. Through the remanufacturing processes of these components, John Deere Reman has prevented over 56 million kg of landfill waste in the last 5 years, reducing energy and raw materials consumption, thus safeguarding the environment.

Source: Deere & Company

Generac Launches Free Web-Based Customer Training

Generac Mobile recently announced that it introduced an innovative/interactive new web-based training program for all customers who sell or service the company’s products. The new program went live March 14, and includes learning modules on electrical and generator basics, as well as product specifications. Each module is designed to provide the necessary tools to help sell and rent Generac Mobile products.

“Professional education is essential for the success of our customers,” said David Murphy, market solutions manager, Generac Mobile. “Training must be available whenever and wherever our customers may find themselves. That’s what our new web-based training program does.”

“We’re committed to making sure our clients and customers are equipped to sell, service, and maintain all of their Generac Mobile products,” said Brian Michael, president, Generac Mobile. “Web based training will provide an overview to help maximize sales and uptime—maximizing profitability and efficiency.”

Source: Generac Mobile

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CLEANFIX

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Increased Horsepower  Improved Air Conditioning  Less Downtime

The landscape in Toronto, Ontario, is changing, and GFL Infrastructure Group is helping to reshape the skyline of Canada’s largest city. The company recently expanded its equipment fleet by adding a Liebherr R 950 High Reach Demolition Excavator.

GFL Infrastructure Group provides demolition and hazardous materials abatement services through its demolition division, which employs about 150 people. The company has decades of experience in the industrial and commercial sectors, and a full range of specialized equipment. Based in Toronto, GFL has several Liebherr high reach demolition machines.

“They never let you down,” said Travis Willison, vice president of the company’s demolition division. “The automatic lube systems on them are fantastic. The hydraulic systems are amazing. One of the major benefits of the machine is it’s a single float, so anytime you need to pick it up to go somewhere it’s quite easy.”

Dozens of people had an opportunity to operate the R 950 and 4 other Liebherr machines at the National Demolition Association’s Live DEMOlition event at Demolition Rockies 2019 in Aurora, Colorado. R 950 demolition excavators are fast, efficient, safe and purpose built for selective deconstruction of large industrial buildings. The entire machine is manufactured by Liebherr, meaning all systems are complimentary and integrated into the design. By working from the ground, a Liebherr High Reach can eliminate the need of having another piece of equipment on site to take down structures below 5 m. The machine can work in a 360° radius, which is important on tight jobsites and makes installing demolition attachments easier.

“All Takes Delivery of 1,000th Liebherr LTM 1200-5.1 Mobile Crane Produced”

Representatives from Liebherr and the ALL Family of Companies recently celebrated a milestone – the handover of the 1,000th LTM 1200-5.1 mobile crane ever produced. Based in Cleveland, Ohio, the ALL Family of Companies is the largest privately-owned crane rental and sales organization in North America, with 36 branches operating under multiple names – ALL, Central, Dawes, Jeffers and ALT. The safety, product quality and flexibility of the LTM 1200-5.1 were major criteria behind ALL’s purchasing decision.

In 2005, Liebherr launched a mobile crane with the longest telescopic boom in the 5-axle class in the form of the LTM 1200-5.1. It is 72 m long and can also be extended with lattice booms. This means that the 200 t crane can reach hook heights of up to 101 m and radii of up to 80 m.

At its launch, the LTM 1200-5.1 was the first mobile crane in the world to feature pneumatic disc brakes. The pneumatic disc brake was installed in the crane axles after joint development between Liebherr and its system partners. Compared to the previously conventional drum brakes, disc brakes delivered improved braking performance and also enhanced braking control and the track stability of the vehicle. Longer maintenance intervals and shorter working times for changing the pads also meant improved economy.

Established in 1964, ALL Crane is a heavy-lift industry leader, offering rental, sales and parts. Their focus includes commercial construction, roads and bridges, power generation and facility maintenance. ALL was founded by 3 brothers: Michael C. Liptak Jr., Larry Liptak, and Jake Liptak. The brothers, along with Mike’s wife, Marvine, recognized a customer need, bought themselves a crane, and began renting it. Then they grew the fleet with cranes and trucks they bought and sold at auctions, and a family business was born. The company founders are still actively involved in core operations. Michael L. Liptak, son of founder Mike Liptak, was named president in 2008. Second and third generations of the family are now in leadership positions, supported by approximately 1,500 employees.

Source: Liebherr USA, Co.
room to get at things. To be able to put a machine in that can hit, quite easily, 20 or 25 m and do work safely and efficiently in a tight spot is a bonus.”

With a reach of 25.3 m and the capacity to handle a 3,500 kg tool, the R 950 is large enough for major jobs. But despite its size, the R 950 is easily transportable thanks to a hydraulically expandable undercarriage. This undercarriage makes the machine easier to move to and from jobsites because it retracts the undercarriage width. It also can expand to create a wider footprint, which enhances stability.

The company also works with clients to implement job-specific, environmentally sustainable waste management, disposal and erosion control methods.

“We’re really busy,” said Travis Willison. “Adding the Liebherr R 950 to the fleet will help us build and grow our company to the next level. We’ve got the right equipment for the work.”

Liebherr High Reach Excavators also have a plug in boom section where the attachment is mounted, allowing the machine to be used for multiple tasks. A camera provides visibility to the operator when tools are placed inside structures and gives the operator a better view at all times when the end of the tool is out of sight.

“High reach machines have eliminated the wrecking ball,” concluded Mr. Willison, who has nearly 20 years of experience in the industry. “The wrecking ball was a great invention for its time. It was used on conventional cranes. There wasn’t a whole lot of hydraulics involved with it. It was a great concept but engineers have come a long way with these designs. Modern demolition machines are much safer, much neater, much quicker. You can organize your material properly. The operator is a safe distance away from the building when he’s working. It’s the way of the future.”

Source: Liebherr
Empire Crane Takes Delivery of Terex® RT 100US Rough Terrain Crane

Empire Crane in North Syracuse, New York, recently added its first Terex® RT 100US rough terrain crane. The recently introduced 90 t crane offers a 5 section, fully hydraulic boom that extends up to 47 m. It joins Empire Crane’s inventory which includes several other Terex crane models.

According to the team at Empire Crane, the new RT 100US incorporates many new crane features that will help crews increase productivity while working safely and efficiently. A few of the crane’s features include the IC-1 control system with integrated diagnostics, an ergonomic cab with 18° tilt and 3 boom modes.

Empire Crane customers that get behind the controls of the Terex RT 100US crane will appreciate the real-time information they receive through the onboard IC-1 control system. The field-proven system delivers precise and smooth control of swing movements and intuitive touchscreen operations. Electro-proportional joysticks and 4 steering modes that include 2-wheel, 4-wheel, crab steering, as well as rear axle steering provide excellent maneuverability and control.

The crane is easy to transport thanks to a narrow overall width of just 3 m and removable counterweight.

Empire Crane Co., LLC was founded by brothers Paul and Luke Lonergan in January of 2002 and is a full line distributor of Terex Cranes equipment. The company has a full sales, parts and service facility located in central New York and branches in Boston, Massachusetts & metropolitan New York and New Jersey.

Source: Terex Corporation
Hiab Introduces HiVision for MULTILIFT Hooklifts

Hiab, part of Cargotec, introduces its HiVision™ vision system for MULTILIFT hooklifts, to make hooklift operation easier, safer and quicker. HiVision creates an Augmented Reality experience by overlaying operation guidance and equipment information to real-life footage captured by rear cameras. The driver sees it on a touchscreen display inside the truck cabin that can also be used to operate the hooklift.

“We have combined our HiVision camera technology with the latest industry innovations to create HiVision for MULTILIFT. The new system offers the highest level of safety and control of all of our hooklifts. HiVision makes hooklift operation easier, safer and quicker, leading to less wear and tear of equipment, reducing the risk of accidents and increasing productivity,” says Jan-Erik Lindfors, vice president, New Business Solutions, Hiab.

A MULTILIFT with HiVision has 3 rear mounted cameras in different heights, so the driver gets full overview. The system can detect containers and with the push of a button the driver can select guidance to reverse and lift the desired container.

“In challenging environments HiVision makes hooklift operation easier as the system guides the driver to hook up the container at the first attempt. We are very pleased to bring this more intuitive operation to the market, as there has been a strong interest for this in focus groups,” says Jon Lopez, vice president Demountables, Hiab.

HiVision adds another layer of safety, as the system shows the operator whether the container is loaded and secured correctly. It also warns about any static or oncoming obstacles so the driver can stop any operation that could otherwise lead to a dangerous situation.

HiVision for MULTILIFT is specially designed to work with the recently launched MULTILIFT Ultima, the world’s most advanced hooklift range. The concept was shown at the Transport-Logistics 2019 in Helsinki, the largest event of its kind in the Nordics region, which took place May 9-11.

Source: Cargotec Corporation

Doka Announces Smart Edge Protection & Guardrail System

Doka recently announced the Smart Edge protection system, a new engineering solution designed to be installed at perimeter edges, internal openings, elevator shafts and stairs on high-rise construction sites.

A solution for increased safety, reduced labor and simplified site logistics, this guardrail system allows for all operations to be done by a single worker. It is lightweight, with the combined fence and post weight of only 22 kg. The installation, inspection and maintenance are 5 to 10 times faster compared to conventional 2x4 or cables.

There are only 3 basic parts to set up and take down, making logistics quick and simple. The same fence can be used either horizontally or vertically, for 106 cm or 231 cm high protection. Everything is supplied in one convenient pack – 25 fences, posts and zip ties – so there are no loose parts and the worksite remains safe and clean.

Fences can easily be swung open and closed individually without modifications, repeated inspections and repairs.

Smart Edge provides additional safety with integrated green-red indicators that reliably confirm to installers and inspectors, at a glance, if the post is correctly installed. The length and angle are easily adjusted by changing the overlap of the fencing – premeasurement it not needed. Floor-to-ceiling heights can be reached with standard material from 2.23 m to 4.26 m. It can be used on both concrete and steel buildings.

The Smart Edge exceeds all applicable U.S. codes and regulations including OSHA, ANSI/ASSE and WISHA/WAC.

The Doka safety solutions support every single stage of the construction project. The company takes safety seriously right from the start of the project and its safety and formwork systems are perfectly coordinated in order to increase productivity and ensure top quality of building.

Source: Doka

Looking for a supplier’s website? Start your search on www.infrastructures.com
Technology company Continental enables more efficient processes when using belts to convey materials thanks to its ContiPlus online service portal and its related app. In Vancouver, British Columbia, the digital solution provides one of the country’s largest transshipment hubs of potash with important data on its conveyors that are equipped with Continental belts, consequently improving reliability in the transport quality of the material – one of the most important constituents of commercial fertilizers and crop nutrients worldwide.

The Port of Vancouver, on Canada’s west coast, is not just important for the export of bulk materials, it is also the country’s largest port – in terms of export volume, it is even the largest in the whole of North America. With the most diversified range of cargo of any port in North America, the port operates across 5 business sectors: automobiles, breakbulk, bulk, container and cruise. In 2018, 147 million t of cargo moved through the port, valued at $200 billion. Almost 95% of the port’s total volume serves Canadian import and export markets.

Potash, one of the most important commodities for the food economy, is shipped across the world from these docks. This water-soluble crop nutrient is an indispensable ingredient in fertilizers and therefore of great importance for global agriculture, because fertilizers that promote healthy crop growth are becoming increasingly important in ensuring that the constantly changing needs of agriculture are met.

Road Dryer Introduces New Dealer Representation in Eastern Canada

As part of its expanding sales force, Road Dryer, LLC, has added new authorized dealers in Eastern Canada. Montreal Tracteur Inc. and its sister company Hot Mix & Aggregate (HMA) now exclusively represent Road Dryer’s line of pavement-drying units in Ontario, Quebec, Nova Scotia, New Brunswick, Prince Edward Island, and Newfoundland.

They will focus on providing customers with excellent service, unparalleled technical knowledge, and competitive pricing in their representation of quality new, used, and rebuilt equipment, accessories, parts, and components.

Montreal Tracteur, with headquarters in Baie D’Urfé, Quebec, was founded in 1982 and works with customers across Canada, the U.S., and worldwide. Hot Mix & Aggregate, which was founded in 2010 in Orangeville, Ontario, concentrates its efforts primarily in Ontario.

Road Dryer’s trailer- and truck-mounted pavement-drying units quickly dry asphalt and concrete pavement, allowing crews to pave or apply surface treatments or striping after just one pass. The units blow heated air up to 204°C directly downward through multiple nozzles, eliminating the risk of “flying objects”, and allowing traffic to flow in nearby lanes – thus reducing congestion caused by traffic restrictions. The RD-1200 XT can be adjusted for drying widths of 2.4 m to 3.7 m. Because it dries pavement on demand, the Road Dryer unit provides flexibility for contractors and government agencies to meet timetables by minimizing delays from weather- and project-related wet conditions.

“We’re delighted to offer our clients a tool to take control of their time schedules. We cannot control Mother Nature, but the Road Dryer will become the ‘ace-up-your-
expanding global population can also be fed in the future. Particularly since the area of land available for agricultural use is constantly shrinking, in part as a result of the growth of towns and cities, the suitable areas have to be fertilized even more efficiently and precisely.

Canada is the world's largest producer and exporter of potash. According to Natural Resources Canada, the country exported around 19 million t of potash in 2017 and is the leading player in the global export market, with a market share of almost 40%. Furthermore, Canada is by far the most important region in terms of potash reserves. Natural Resources Canada's calculations show that the country of lakes and forests contains around a billion tonnes of potash – meaning it holds approximately one-quarter of global reserves. The smooth, efficient transport, loading and global shipping of these huge quantities of material is where conveyor belts from Continental come in. At the Port of Vancouver, they deliver potash to further storage or directly to the vessels for shipping. The volumes – and therefore the load on the conveyor belts – are enormous. The responsible terminals have 2 berths for potash operations. One has 2 quadrant shiploaders that can operate simultaneously, each with a rated capacity of 2,500 t/h. The second has a single linear shiploader also capable of loading 2,500 t/h.

**PRECISE PREDICTIONS AND INFORMATION ON THE CONDITION OF THE CONVEYOR BELT SYSTEM**

The operators of the terminals use the ContiPlus software and the associated app to ensure its conveyor belts withstand this volume of material for as long as possible and can be maintained predictively. The conveyor belt systems and their processes can be continually optimized thanks to the precise condition monitoring allowed by the program. In this, the thickness of the conveyor belt top cover is measured at each service using a mobile ultrasound scanner and stored in a database. This provides a continuous record of the belt's condition. Based on the data, the program can predict when a belt should be changed because of wear. That means the conveyor belt's lifetime can be fully exploited while avoiding costly downtime at the same time.

"An important economic benefit," says Lyall Sharman, area sales manager for industrial products at Continental. "Once the belt has almost reached the end of its lifetime, the customer, distributor or sales employee receives a notification on their mobile device to coordinate the belt change."

The major benefit of ContiPlus is that the system can capture, evaluate and document all the data relevant to a conveyor belt system. In addition, information dating back a long time is also easily traced. "The software records every detail and brings structure to all the system-related information," emphasizes Mr. Sharman. "Transparency is significantly increased. Every new employee immediately has access to all the information on the belt system, i.e. including its history. That saves a great deal of time and money."

Continental is continuing to further develop the ContiPlus system based on individual customer and market circumstances. For instance, a more straightforward overview is provided by a new interface with a folder structure. Further additions are being planned.

In cooperation with its respective British Columbia-based distribution partner, Continental's experts have so far been able to capture and load more than 1600 data points from more than 150 systems at the customers. Continental is therefore making a significant contribution to ensuring that the global demand for potash is met – safeguarding the agriculture sector and the production of sufficient food.

Source: ContiTech

sleeve’ tool that will give our clients more control over their job site,” said Maxime Petrin, product manager for the Road Building division at Montreal Tracteur Inc.

“The Road Dryer will help our clients extend their asphalt paving season. They will be able to reduce their downtime and be more efficient on the job site, while improving the mat quality. Five years from now, I think every large asphalt road building contractor will have a Road Dryer – or two – in their fleet,” added Brian Kevergya, general manager for Hot Mix & Aggregate.

“All of us at Road Dryer are excited to partner with Montreal Tracteur and HMA. They have a great reputation in Canada and worldwide, and they are doing an outstanding job spreading our message and marketing our equipment,” says Todd Toole, operations manager for Road Dryer, based in Greenville, South Carolina.

Source: Road Dryer LLC
Bergkamp Pivot Tack System for FP5 Flameless Pothole Patcher

Tack that is sprayed into potholes to increase adhesion within a patch can also adhere to your equipment hoses. In addition, the hoses can present jobsite tripping hazards.

To address these common issues, Bergkamp Inc. has engineered a new Pivot Tack/Air Hose System for its FP5 Flameless All-In-One Pothole Patcher. Located at the back-right side of the FP5’s hopper body, the system’s pivoting arm holds the original tack hose off of the ground and parallel to the hopper, locked in place for transporting with a spring-loaded pin.

When in use, the pivot arm also locks into position, allowing the operator to keep the hose suspended and off of the ground. This eliminates a trip hazard, as well as the chance of dragging the hose through wet tack.

The pivot arm and hose system has a 180° pivot capability, and provides approximately 6 m of overall extended reach with the tack wand. A retrofit Pivot Tack/Air Hose System can be mounted on existing FP5 Pothole Pachers.

The updated Pivot Tack/Air Hose System is one of the many ways in which Bergkamp Inc. strives to improve the customer experience by reducing the amount of time it takes to clean equipment and providing a secure location, out of traffic, for the tack wand. The FP5 All-In-One Pothole Patcher not only carries all of the necessary equipment needed for a full day of pothole repair work, but allows your crew to work safely and efficiently.

Source: Bergkamp Inc.
Automatic Greasing Systems specialist FLO Components Ltd. announces the winner of the Lincoln 1844 PowerLuber Grease Gun Giveaway Contest.

“Congratulations to our winner - Matt Wilson. Matt is part of the team at Knott Construction Ltd., a proud second generation, family-owned business in Meaford, Ontario,” announced Gabriel Lopez, marketing specialist at FLO. “Matt’s name was drawn randomly from all eligible entries on March 29 in the FLO NHES 2019 Booth and he successfully answered a skill testing question.”

“Anyone who came by our booth during the show had an opportunity to fill out a ballot and enter the contest,” added Mr. Lopez.

The Lincoln 1884, 20 V PowerLuber was developed for heavy-duty applications and remains a valuable tool for technicians, mechanics, maintenance teams, farmers and anyone else who conducts lubrication and preventative maintenance tasks. Packed in a convenient heavy-duty carrying case molded from impact- and stain-resistant plastic, the 1884 comes complete with 2 20 V Li-ion rechargeable batteries, a 110 V one-hour charger and a 36” high-pressure flex hose with spring guard.

“We thank everyone who participated in the contest as well as the media that helped get the word out about the contest and our sponsors – SKF Lubrication Business Unit.”

Source: FLO Components Ltd.

Swedish Steel Prize 2019 Is Now Open for Entry

This year marks the 20th anniversary of the Swedish Steel Prize. Over the past 2 decades, the award has inspired creative engineers, designers and inventors to utilize the endless potential of steel to change our world for the better.

The Swedish Steel Prize is open to any individual, company or institution and is awarded to the method or product that best displays how the properties of the chosen grade of steel has contributed to a significant innovation.

All entries are assessed by an independent jury. Together they review each entry based on its level of innovation, creativity, sustainability, performance and competitiveness. Out of the box thinking as well as entries addressing the environment, digital solutions and new trends in the economy are especially encouraged.

“The Swedish Steel Prize is a celebration of innovation and good engineering. We are looking for solutions that really push the limits of steel – alone or in a combination with another material – and with a sustainable or digital twist that can help make the world a better place,” explains Eva Petursson, Chair of the Swedish Steel Prize jury and head of SSAB’s research and innovation.

The winner of the Swedish Steel Prize receives a diploma, a statuette by the sculptor Jörg Jeschke and intense media exposure. In conjunction with the Swedish Steel Prize event, SSAB will also make a SEK 100,000 ($14,250) donation to charity. The prize ceremony takes place at the end of a fascinating and renowned event where participants from across the world meet to learn about new steel technologies, be inspired, network with peers and celebrate innovation.

All applications must be received before the deadline of August 15th for consideration.

Source: SSAB
European sweeper manufacturer Snowek Ltd. have appointed Insta-Mix, Inc. as the official dealer for PM2,5 certified street sweeper attachments, Trombia sweepers, in Quebec and Ontario. Trombia sweepers were launched in North America, in upstate New York and New England, in 2018 and the dealership of Insta-Mix opens the market in Canada. Trombia attachments became in May 2018 the world’s first and only waterless sweeping attachments that were certified with the EU-lined PM2,5 street dust certification at the highest rating with the most advanced suction city sweepers.

Trombia sweeper attachments have been developed to exploit the wheel loaders in year-round street and area maintenance and to assist public and private sector to sweep and collect away the finest dust particles and at the same time optimize their fleets’ idle time. Trombia sweeper attachments have been designed to be completely filter-free by using a globally patented technology combining air-knife dust cleaning, mechanical sweeping, vacuum and cyclone separation. Inside Trombia’s sweeping chamber the sweeping process is carried out fully waterless, which enables contractors to clean and sweep with higher accuracy and perfection in sweeping result.

“We started with demos and presenting the product in upstate New York and New England last summer and following the great demand and feedback in North America, have now started expansion both in the U.S. and the Canadian market. The product was showcased at the National Heavy Equipment Show in Mississauga, Ontario which served as the official
marketing launch of the Trombia sweepers in Canada,” said Antti Nikkanen, CEO of Trombia Sweepers.

For pavement contractors Trombia delivers a solution for both heavier debris and millings as well as fine dust with ready-to-pave dry surface. Saved time in water refills and optimizing machinery fleets increases the sweeping efficiency year-round. Investment costs for Trombia sweeper attachments are in the range of $70,000 - $80,000 which is marginal compared to the likes of self-propelled city sweepers with similar-level PM dust sweeping capabilities.

“Excellent fine dust and heavy debris sweeping performance, speed, fully dry sweeping surfaces and marginal downtime without any filters, conveyor belts or suction engines to maintain are the key value propositions of Trombia. In the end it all adds up to an excellent return on investment for both the sweeper as well as the wheel loader that now gets year-round serious road maintenance work,” added Mr. Nikkanen.

Trombia sweepers have now been made available through regional dealerships with Insta-Mix, Inc. in Quebec and Ontario in Canada. In the U.S. products are sold by Monroe Tractor & Implement, Inc. in New York, Massachusetts, Connecticut and Rhode Island, and by Beauregard Equipment, Inc. in New Hampshire, Vermont and Maine.

Insta-Mix will present the Trombia at the upcoming APOM Technical Day in Mirabel, Quebec, on May 16, and AORS Municipal Trade Show in Chatham, Ontario, on June 5-6.

Source: Trombia Sweepers, Snowek Ltd.
New Ranch ICON Truck Cap

Ranch Fiberglass, a division of LTA Manufacturing LLC, has introduced the Ranch ICON fiberglass truck cap. This new model features a truly all-glass rear door and frameless side windows, giving the ICON a sleek SUV appearance.

“At Ranch Fiberglass, as well as every LTA Manufacturing company, we take great pride in our ability to bring products to our customers who desire secure all-weather storage. A smooth design and addition of a new all-glass rear door make the Ranch ICON a top-of-the-line cap at a value price for the customer,” said Dustin Geyer, president of LTA Manufacturing LLC.

Standard features of the ICON include a rear door fiberglass skirt at the base of the door which is painted to match the color of the truck cap, the user’s choice of a front picture or sliding window, LED interior dome and third brake light for better visibility, carpeted interior lining and a limited lifetime warranty on paint and structure. Each cap is painted to match the pickup truck with an automotive finish using Axalta Coating Systems.

The Ranch ICON cab-high cap’s optional features include keyless entry/security using the truck’s original key fob, Cap-Pack roof-mounted storage system, LoadMaster sliding bed tray, Yakima JetStream roof rack, Yakima RoundBar roof rack and LED strip light in the cap top.

Ranch ICON fiberglass truck caps are currently available for the following pickups:
- 2014 to current Chevy models with 5½’, 6½’, and 8’ beds;
- 2009 to 2018 Dodge models with 5½’, and 6½’ beds;
- 2015 to 2018 Ford F-150 models with 5½’, and 6½’ beds;
- 2017 to current Ford SuperDuty models with a 6½’ bed.

Source: LTA Manufacturing LLC

New LoadMaster Cargo Management Systems

LoadMaster, a subsidiary of LTA Manufacturing LLC, has expanded the product line to include 2 new in-bed cargo management systems: Full Extension (FE) and Dual Slide (DS). These new styles join the Standard Duty (SD), Heavy Duty (HD) and Composite (CP) in-bed cargo management systems.

The LoadMaster FE provides 100% extension from the bed of the truck with 4 different locking positions. Available in 450 kg and 900 kg weight capacities, the FE system fits multiple bed sizes, including full-size and mid-size short and long beds. FE cargo management systems come complete with a removable rubber deck mat, laser cut steel side rails, a spring release T-handle and powder-coated reinforced steel frames. The FE is also available with optional Extreme Side Rails (XT). The XT option is bed-deep, water jet cut and powder-coated with multiple tie-down locations and is comprised of lightweight aluminum that is formed over the wheel wells.

LoadMaster has also added the new DS to the product line. The DS features 2 sliding in-bed trays which offer a total weight capacity of 544 kg with each tray supporting up to 272 kg. The DS allows for up to 70% extension from the bed of the truck and features 3 locking positions: in, half-way and fully extended. DS systems are comprised of powder-coated steel frames.

A 5 year limited warranty is offered to general consumers, and commercial applications receive a warranty period of 3 years. The warranty covers defects in materials and workmanship and requires that products be installed by an authorized LoadMaster dealer. Weight capacities are designed for evenly distributed weight.

Source: LTA Manufacturing LLC
Tuffy Expands Security Console Insert Product Line for RAM Pickups

Tuffy Security Products has expanded their security console insert product line with a new model for 2019 Dodge RAM pickup trucks. As part of the continuously growing product line, the new Model 354 RAM Security Console Insert is concealed under the OEM sliding tray.

Constructed of 16-gauge steel with a durable texture powder coat finish, the Model 354 slides directly into the existing OEM console. Model 354 console inserts come equipped with Tuffy’s patented Pry-Guard locking system which consists of a 10 tumbler double-bitted security lock and accompanying key. Pry-Guard locking system components are made of 1/8” thick welded steel. The key can only be removed when the console is locked and must be removed in order to slide the OEM tray backward. A Pin-Lock hinge design adds to the security of the console insert.

Incorporated into the design is an exclusive lid support feature which allows the lid to stay open while reaching into the console which features more than 6.55 l of lockable storage space. Console inserts have built-in weather seals as well as a weather resistant lid design. Each console insert requires minor drilling for a secure installation, and mounting hardware is included.

The Model 354 is not compatible with 2019 RAM trucks which have sliding trays with cup holders that have lids, which are typically seen on Longhorn and Limited trims.

Source: Tuffy Security Products

Weego Unleashes the Crankenstein®

Weego recently announced the launch of Crankenstein® Jump Starting 12V/24V Power Pack designed for the light and heavy-duty equipment market. Crankenstein revolutionizes jump starting with industry-first features built into a compact power pack that is just 4 kg – 80% lighter than comparable lead-acid jump starters.

“When you are in a remote jobsite having reliable power is critical,” said Gerry Toscani, CEO of Weego. “Any time spent dealing with a dead battery while under contracted deadlines can mean the difference between a good day and a bad, expensive one. It’s a real time-saver and workhorse for commercial and residential builders, road crews, utility, and equipment maintenance yards too.”

Source: Weego

baute 2020: up#Berlin – Unites the Entire Value Added Chain of Construction

Digitalization in construction and BIM in particular require closer collaboration between everyone involved in the building sector. In such a value-added chain, how should partnerships and joint ventures be developed in the future? How do joint ventures between the different trades and the exchange of information actually function as part of a project? How are projects controlled and coordinated in practice?

These are some of the questions that will be examined at baute, the International Trade Fair for Building and Construction Technology, between February 18 - 21, 2020. In cooperation with the National Association of the German Construction Industry a new section is being created for this purpose in Hall 4.2 under the heading of up#Berlin. Covering everything from project development to planning, construction and eventual operation, up#Berlin brings together the entire value-added chain of construction and is aimed at project developers, investors, architects, engineers, general contractors, suppliers and construction companies, as well as at operators, municipalities and waste disposal specialists.

As an innovative networking platform for companies, associations, start-ups, training, recruitment and research, baute brings decision-makers together from every area of the construction sector. An extensive supporting program will focus on the subjects of innovations, digitalization, modular construction, building costs and marketing channels. There has already been considerable demand from companies. Register for baute and up#Berlin by May 31 to take advantage of special terms.

baute, the International Trade Fair for Building and Construction Technology is organized by Messe Berlin and takes place every 2 years. Among baute’s unique selling points is its comprehensive approach towards buildings, from the basement to the roof, as well as the infrastructure. The program of baute is rounded off by GRÜNBAU BERLIN.

Source: Messe Berlin
Appointments

VMAC is pleased to announce that Rick Duifhuis has been appointed OEM division manager, at VMAC. Mr. Duifhuis has been an important member of the VMAC team since 2005, managing several departments during his tenure, and has been working exclusively with VMAC’s OEM partners for the past 3 years.

“With 15 years of experience at VMAC in a number of roles and functions, Rick is perfectly suited to ensure VMAC is providing value through the right products and support to our equipment manufacturers as OEM division manager,” said Tod Gilbert, VMAC president. “Rick has already proven his ability to develop innovative solutions with our partner OEMs and we are excited about the opportunities in front of us.”

In his new role, Rick will oversee VMAC’s OEM division, managing and advancing VMAC’s significant business partnerships by developing application solutions for the industrial engine market, using VMAC’s innovative direct drive and belt drive rotary screw air compressor technology.

“I am very pleased to be leading VMAC’s OEM division and growing our relationships in North America and Europe,” said Rick Duifhuis. “This appointment recognizes the success of our OEM program and our ongoing commitment to innovative solutions for our industrial application clients.”

“Over the past 3 years, Rick has led the development of VMAC’s innovative direct drive air compressors that mount to A, B and C ports as well as PTO’s on industrial engines and provide up to 70 CFM of air,” said Gord Duval, vice president of sales & marketing. “Rick’s experience with industrial air applications in rail, mobile concrete, bus and electric driven vehicles, industrial vacuum, rock drilling, and agriculture will ensure industrial customers have a partner for their compressed air needs.”

VMAC air compressors are used by OEMs across the globe, with many partnerships in North America and Europe, including CAT®, Cummins, John Deere, Lincoln Electric, and more.

Source: VMAC
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Canada North Resource Expo
May 24 - 25, 2019
Prince George, BC Canada

2019 AORS Municipal Public Works Trade Show
June 5 - 6, 2019
Chatham, ON Canada

Atlantic Truck Show
June 7 - 8, 2019
Moncton, NB Canada

MATEXPO 2019
September 11 - 15, 2019
Courtray, Belgium

APOM Technical day
September 12, 2019
Saint-Raymond-de-Portneuf, QC Canada

ICUEE - International Construction and Utility Equipment Exposition
October 1 - 3, 2019
Louisville, KY USA

inter airport Europe 2019
October 8 - 11, 2019
Munich, Germany

waste&recycling expo Canada
October 9 - 10, 2019
Toronto, ON Canada

APEX Asia co-located with CeMAT ASIA
October 23 - 26, 2019
Shanghai, China

64th Canadian Technical Asphalt Association conference
November 24 - 27, 2019
Montréal, QC Canada

INFRA 2019
December 2 - 4, 2019
Montreal, QC Canada

Landscape Ontario’s Congress
January 7 - 9, 2020
Toronto, ON Canada

The ARA Show
February 9 - 12, 2020
Orlando, FL USA

bautec 2020
February 18 - 21, 2020
Berlin, Germany

The Work Truck Show
March 3 - 6, 2020
Indianapolis, IN USA

CONEXPO-CON/AGG 2020
March 10 - 14, 2020
Las Vegas, NV USA

SMOPYC
April 1 - 4, 2020
Zaragoza, Spain

Expo Grands Travaux
May 1st - 2nd, 2020
Saint-Hyacinthe, QC Canada

5th International Rental Exhibition (IRE) / APEX access show
June 9 - 11, 2020
Maastricht, the Netherlands

steinexpo
August 26 - 29, 2020
Homberg/Nieder-Ofleiden, Germany

bauma CHINA
November 24 - 27, 2020
Shanghai, China

inter airport south east asia
February 24 - 26, 2021
Singapore
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