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A Brief Word...

As a regular peruser of InfraStructures you will know it to be a unique publication with a unique perspective. A Canadian perspective.

November is a somber month, dreary weather, darkening skies and lowering temperatures all contribute to this sense of gloom, dread and loathing. Fitting, it is also the month into which Remembrance Day falls. It is the most morbid, most solemn and most secular day in our modern society, never more so than now in 2018.

A century ago the greatest carnage that mankind had inflicted upon itself was ended. The hope that it had been the war to end all wars, a hope which remains unfulfilled.

You read this at your office or on a jobsite and perhaps callously comment “So What?” or “Who Cares?”.

One hundred years ago a generation walked out of a life of back breaking labor. A world slowly gouged out by the sweat and toil of the brute force of human muscle and animal strength. A world imperceptibly unchanged for millennia!

A generation which joyously and childishly raced into the jaws of the cold modern age of machinery and technology. The age of demolition, tracks, trucks, wireless and even computers.

The struggle in which they engaged devoured the old age and accelerated the pace of life into the modern one that currently surrounds you.

While you excavate that mud;
While you shiver surveying that trench;
While you call for more men and equipment to meet that deadline…

Remember.

The stability and technology that makes your routine possible was forged by those who met the ultimate deadline and forever linked those like you to machines like these.

On the cover: a Takeuchi compact excavator digging a trench.

Available with a wide range of attachments, compact excavators can do a multitude of tasks rapidly and efficiently around a jobsite.
AECON AGREES TO SELL CONTRACT MINING BUSINESS TO NORTH AMERICAN CONSTRUCTION GROUP

Aecon Group Inc. recently announced that it has entered into a definitive asset purchase agreement with North American Construction Group Inc. (NACG) under which Aecon has agreed to sell to NACG substantially all of the assets related to Aecon’s Contract Mining business for $199.1 million in cash.

“Aecon is executing on a record level of backlog and pursuing an unprecedented number of opportunities across our Infrastructure and Industrial segments,” said Jean-Louis Servranckx, president and CEO of Aecon. “The capital intensive Contract Mining business is outside Aecon’s core construction activities and focus. This transaction is consistent with Aecon’s drive to maintain and strengthen our balance sheet flexibility, which is key to the strong growth trajectory we are seeing in our core business.”

Aecon will continue to operate its Contract Mining business, with no disruption to its clients or employees, in the normal course pending closing of the sale transaction. The sale transaction is subject to various purchase price adjustments and customary closing conditions, including necessary regulatory approvals.

Source: Aecon Group Inc.

LIEBHERR TOWER CRANES DIVISION BUYS MORROW AUSTRALIA AND NEW ZEALAND

The Australian sales and service company of the Liebherr Group will take over on January 1st, 2019 the business activities, including all the employees and locations of Morrow Equipment Co. LLC in Sydney, Brisbane and Wellington.

According to Christian Chalupny, president of Morrow Equipment, the fact that all Morrow employees can become part of the Liebherr team and that Liebherr will continue to support all existing contracts and customer relations, were 2 points important to this decision.

“We are convinced that we will successfully shape the future with the entire staff at all locations, and in the interest of our customers,” said Marco Guariglia, managing director of the Tower Cranes division at Liebherr.

Thomas Schröder and Craig Jones, the new managers responsible for the Tower Cranes division at Liebherr-Australia Pty. Ltd., are looking forward to consolidating and further expanding along with the employees what has been achieved so far. They said the excellent know-how of the staff, a rental fleet of approximately 100 tower cranes and 40 hoists, as well as the intention to grow that business were a commitment to further support the customers and the local market.

Source: Liebherr-Werk Biberach GmbH
B2W SOFTWARE’S CONSTRUCTION SCHEDULING AND DISPATCHING SOLUTION EARNERS TECHNOLOGY AWARDS

B2W Software recently announced that B2W Schedule, its new solution for collaborative, real-time resource scheduling and dispatching, earned 2 technology honors for its ability to help contractors optimize construction crews, equipment and materials.

B2W Schedule earned a Golden Bridge Award – Silver status – in the category of New Products and Services – Information Technology Software. The addition of the new B2W scheduling solution also led the New Hampshire Tech Alliance to name B2W Software’s ONE Platform as a finalist in its Product of the Year competition.

“These back-to-back awards for the new B2W Schedule element reflect our continuous, customer-driven development of the ONE Platform,” said B2W founder and CEO Paul McKeon. “The addition of B2W Schedule solidifies the ONE Platform as a unique and disruptive option that allows our clients to manage estimating and operations in a more cohesive, efficient and profitable manner.”

Golden Bridge Awards are an annual industry and peers recognition program honoring new products and innovations from companies throughout the world in numerous categories. Winners were honored in San Francisco on October 29 during an annual Red Carpet Awards Ceremony.

The New Hampshire Tech Alliance (Formerly the New Hampshire High Tech Council) has held the Product of the Year Award competition for 13 years to celebrate innovative products developed in the state where B2W is headquartered. B2W Software and 4 other finalists presented their technologies at the organization’s Award Dinner on October 10. B2W was also a finalist in the Product of the Year competition in 2015 with its B2W Maintain solution for managing heavy construction equipment maintenance.

B2W Schedule is a centralized, online solution for coordinated scheduling and dispatching of employees, crews, equipment and materials across job locations and over time. Role-specific visibility and access allow employees throughout the enterprise to communicate and collaborate in real time to get the right resources to the right location at the right time.

Source: B2W Software

METSO TO DELIVER COMMUNIATION SOLUTIONS TO NLMK GROUP IN RUSSIA

Metso will deliver 3 grinding lines including spare parts and supervision to NLMK Group’s Stoilensky GOK iron ore production plant in southern Russia. NLMK Group, an international metallurgical company, has launched the construction of an additional concentration section including the new grinding equipment with Metso’s Vertimill®. The lines will be assembled by 2020 in a single production unit and will enable scaling up the concentrate output with a 14% increase in capacity.

“The technique of using vertical mills to grind ore has been successfully applied at more than 100 iron ore mining and processing enterprises worldwide. This technology at Stoilensky GOK will increase the efficiency of production processes and provide the necessary growth in the production of iron ore to enable the supply of cost-competitive raw materials to the Novolipetsk Metallurgical Combine, Russia’s largest steelmaking enterprise,” said Marat Mryasov, director, project management at Stoilensky GOK.

“For today’s miners, saving energy and improving productivity while reducing costs are an integral part of building profitable business. When creating sustainable and resource-efficient processing solutions for our customers, we tap into Metso’s 150 years of global design and engineering expertise,” said Victor Tapia, president, Metso’s Mining Equipment business area.

Metso Vertimills® are globally recognized as energy-efficient grinding machines with proven grind efficiency from varying feeds, from as coarse as 6 mm to products finer than 20 µ. In addition to reduced media consumption, the lower installation cost, minimal maintenance and minimal liner wear of Metso’s Vertimill® make it the lowest total cost of ownership solution in many applications. Since its introduction in 1979, Metso has delivered over 440 Vertimills® globally. This order is Metso’s first Vertimill® 4500 stirred mill installation for the Russian iron ore industry.

Source: Metso Corporation
EPIROC DRILLING SOLUTIONS INVESTS IN AUTONOMOUS MINING SOLUTIONS BUSINESS

Epiroc Drilling Solutions, LLC. infrastructure and natural resources industries, has acquired part of ASI Mining, LLC, a U.S.-based company that provides technology solutions for the autonomous operation of mining vehicles.

Epiroc has acquired 34% of ASI Mining, based in Mendon, Utah, a subsidiary of Autonomous Solutions Inc. Its products include on-board hardware and software that convert vehicles to autonomous operation, as well as system level software platforms for command and control of autonomous fleets across various mining applications. The solutions integrate with various mobile mining equipment, regardless of make or model, and are used by mining customers globally. The business is estimated to have revenues in 2018 of more than US$6 million ($7.9 million).

“We believe in the ASI Mining vision and the benefits they can bring to the mining community,” said Jose Manuel Sanchez, president of Drilling Solutions at Epiroc. “We’re excited about the potential that can be realized through the ASI products and Epiroc global footprint in mining.”

The purchase price is not material relative to Epiroc’s market capitalization and is not disclosed. Epiroc Drilling Solutions LLC is the investing company of ASI Mining. Revenues and operating profit will not be consolidated.

“A decade ago we started the Pit Viper automation program that has now led to a paradigm change in how drilling is done in surface mining,” said Jon Torpy, vice president of marketing Drilling Solutions at Epiroc. “We see that the ASI Mining solutions will also fundamentally change the industry toward higher productivity and improved safety. We are excited about the potential that exists when we work together to bring new solutions to the mining community.”

Source: Epiroc Drilling Solutions LLC

WESTERN CANADA NOW HAS A NEW PRINOTH DEALER

PRINOTH expands into Western Canada and, as such, is excited to announce the conclusion of an agreement with CONTRAC Equipment of Spruce Grove, Alberta.

CONTRAC Equipment prides itself as being the largest independent supplier of heavy equipment in the Western provinces. As the newest PRINOTH dealer, CONTRAC Equipment will be a full-service dealer who will sell, lease, rent, and service PANTHER vehicles.

PRINOTH first approached the Alberta dealer because of its ability to represent a premium brand. CONTRAC offers its customers rental equipment including a variety of dozers, excavators, articulated trucks, wheel loaders, graders, and packers. Their fleet has over 250 units and their sales and support teams have been hand-

California Dreaming

Since November 2017, Tahoe City Public Utility District (TCPUD) in California has been using a Multihog MX 120 tractor equipped with a Pronovost snow blower and Metal Pless angle blade for winter service on the area’s trails.

Ralph Turner, senior operations specialist with TCPUD, has put over 400 hours on the Multihog in his first winter season. The main purpose of the Multihog is snow blowing, and depending on the weather, operations can vary, as he explained.

“Once it snows, we have 5.5 km of trails to clear, but it can be more if it’s a drought year – in that case we have to keep up to 16 km open. To have 1.5 m of snow by January is totally normal,” says Mr. Turner.

The Multihog is a big change for TCPUD, who did not own any winter machinery previously, apart from a small skid steer with a bucket. They cleared a small amount of snow on the sidewalks manually, but not on the trails.

As an operator, Ralph Turner has first-hand experience of the benefits the Multihog MX has brought to Tahoe.

“It’s a hydraulic tractor running a big snow blower. In spring lots of our trails sit under 3.6 m of snow, and that pressure would definitely break the shaft on a PTO tractor. Once the snow melts to around 1.5 m, we get our Multihog in there. At that point the snow is super dense, icy and solid; it’s pretty hard to shift, but it’s no problem for the MX. This tractor is really, really good – it’s the best thing I’ve seen around here, and it’s also the quickest,” said Mr. Turner.

Having known local Multihog dealer, Alpine Smith Inc., for several years, TCPUD knew they wanted to work with them due to their excellent after-sales support.

Outside of the winter season, TCPUD rent a boom mower for the MX to cut verges and hedges in the summer. The boom mower replaces handheld trimmers, and Mr. Turner mentions that the new method is “much safer and way better.” A vacuum sweeper has also been ordered to assist with picking up sand spread on the trails and in parking lots during winter seasons, ensuring the MX is working all year round.

Source: Multihog
The JCB Hydradig is the ultimate wheeled excavator and tool carrier, and leads its class for mobility, maneuverability, stability, visibility and serviceability. When you need to travel faster between projects, maneuver more easily within confined work sites and apply the right attachments to get the job done, unleash the versatility of the JCB Hydradig.

Contact your local JCB dealer to arrange a demonstration.
picked for their knowledge and experience. They have the skills and drive to provide the best customer support in the industry.

Servicing customers in general construction, pipeline construction, power utility and erosion control, CONTRAC Equipment will serve the northern portions of Alberta and Saskatchewan and even a portion of northern British Columbia.

“We’re very excited to welcome CONTRAC Equipment aboard. Their reputation is outstanding and they really have the readiness to represent a premium lineup such as ours,” said Doug Little, director of sales at PRINOTH. “Michael and his team have already purchased a PANTHER T14R, our rotating dumper model, and we’re looking at more additions to their fleet so it’s very promising.”

In the coming months, PRINOTH will be working closely with CONTRAC Equipment to support them in representing this new product line for the distributor. Contractors in the area should consult the PRINOTH website and/or the CONTRAC Equipment website to enquire about product, information, and demos.

Source: PRINOTH Ltd.

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Television Centre is a building complex in White City, West London, and one of the largest television centers in the world. Between 1960 to 2013 it was the headquarters of BBC Television and a landmark piece of modern architecture. Recently the White City was extended to a huge new residential and living district.

Television Centre features a central circular block around which are studios, offices, engineering areas and the News Centre. In the center of the main block there is a statue of Helios, the Greek god of the sun, to symbolize the radiation of television around the world.

A new XTJ 32 spider lift with hybrid lithium-powered option from Palazzani Industrie has been supplied recently through TCA Lifting Limited, the UK dealer.

Equipped with a diesel engine and lithium batteries, it is used for all outdoor and indoor maintenance of the entire complex. Lithium won over the lead-acid battery in the customer decision for its reduced size and weight with higher capacity.

Palazzani sincerely thank its partner TCA Lifting Limited for this prestigious sale.

Source: Palazzani Industrie
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**SMS Equipment Now Carries Takeuchi, a World Leader in Compact Equipment**

When you hear the phrase “good things come in small packages,” think of Takeuchi. This exceptional line of compact excavators, track loaders, and wheel loaders are renowned the world over for toughness, versatility, and performance.

**FUN TO PRONOUNCE, EASY TO USE.**

Takeuchi (Takh-ee-oo-chee) is renowned for making life easier on jobsites around the world.

“Bringing in the Takeuchi light construction equipment line was an ideal fit for SMS Equipment,” says Chris Hort, vice president of Equipment Sales for SMS Equipment Inc. “We’re very discerning about the products and brands we offer our customers. As the demand for smaller equipment in North America has increased, we did our homework and found that Takeuchi was the ideal complement to our bigger lines of Komatsu and Wirtgen products.”

Takeuchi manufacturing, which began in 1963, is known for developing innovative products that have changed the face of construction around the globe. Developers of the world’s first compact excavator in 1970, Takeuchi went on to introduce the first compact track loader in the mid-1980s. These 2 products alone have transformed the North American construction equipment market and have positioned Takeuchi as a leading provider of compact construction equipment.

“At one time, loader/backhoes were standard on a lot of jobsites,” says Mr. Hort. “Customers began to realize that having 2 compact machines for around the same price as a loader/backhoe could help them be in more places, and increase versatility and performance. They also realized you didn’t need to invest in a semi...
to transport the equipment. A light trailer with a pick-up truck is all you need to go from site to site now. The other thing about Takeuchi track loaders and mini excavators is – there’s also a plethora of attachments that make them the Swiss Army knife for the construction industry.”

Chris Hort. “But it won’t be for long. SMS Equipment has already begun receiving initial inventory orders at branches across Canada, and we are stocking parts on our shelves and service training is well in progress. I believe Takeuchi’s are the best products available in the compact equipment category.”

*Available in certain areas only
Source: SMS Equipment Inc.
John Deere continues to provide industry-leading jobsite solutions with the addition of an exclusive on-board grade indication option. Available as a factory or field kit option on the large-frame G-Series skid steers (330G and 332G) and the large-frame G-Series compact track loaders (331G and 333G), this new feature is ideal for jobsites that involve leveling and slope work.

“Our industry-exclusive on-board grade indication was designed to be an indispensable unit for applications like water drainage, general site prep and clearing work, allowing operators to accurately monitor and alter grades from the seat of the cab,” said Gregg Zupancic, product marketing manager, skid steers and compact track loaders, John Deere Construction & Forestry. “This feature is intuitive and easy to use so operators can take advantage of this technology without specialized training.”

The industry-exclusive integrated on-board grade indication option provides operators with an accurate readout of the cross slope and main-fall slope of the machine. The machine cross slope and main-fall slope information is displayed in real time through the machine’s main display monitor. The readout can be easily configured to display either percentage or degrees depending on preference.

The absolute and relative slope readouts provide enhanced information to the operator for specific applications. The absolute value readout is useful for providing information during general grading applications that do not need a local grade reference. The relative value readout is well suited for operators looking to alter grade relative to an existing or reference grade.

Source: Deere & Company
FLO Components Ltd. recently announced the introduction of the new SM Luber. The SM Luber was designed as a compact yet powerful and economical automatic greasing system, specifically for any compact machine where space for attachments is at a premium.

The “SM” stands for “Small Machine”, according to FLO’s marketing specialist, Gabriel Lopez.

“Mini excavators, telehandlers, skid steers, sidewalk tractors – any machine where a regular full-sized autogreaser just wouldn’t be practical is a potential candidate for using the SM Luber,” says Mr. Lopez.

The SM Luber operates essentially the same as regular full-size systems, dispensing small measured amounts of lubricant at frequent intervals while the equipment is operating, maintaining a consistent lubricant seal to prevent dirt and contaminants from migrating into bearings.

“The SM Luber really differs in 2 ways,” adds Mr. Lopez. “First, its small profile makes it very versatile in so far as finding space to install it on compact equipment. Second, you don’t have to mess around with complicated grease pumps or other methods of filling the reservoir. Simply remove the lid like you would on a grease gun, insert your standard grease cartridge, replace the lid and you’re ready to go.”

The system includes a 12 V DC timer and a mounting bracket. The standard off-the-shelf model services up to 12 grease points using a single distribution valve.

“The SM Luber comes with all the necessary hose and fittings and includes a simple step-by-step manual. You can install it yourself and avoid the installation costs normally associated with other, more complex lubrication systems,” concludes Gabriel Lopez.

Source: FLO Components
Caterpillar now offers the 918M compact wheel loader with 4 new options: high-lift loader linkage, Cat Fusion™ coupler, 5-piece guarding package and wider tires.

The new high-lift linkage option is designed specifically for applications in waste and recycling, agriculture, and construction that can benefit from increased lift height and increased reach of the loader linkage. The newly designed loader arm assembly can provide up to 10% more lift height and reach compared with the standard loader linkage equipped with a similar work tool interface whether pin-on, IT (Integrated Tool Carrier) coupler or ISO coupler. A 918M configured with both a high-lift linkage and 20.5 tires will have a bucket pin height over 4.1 m.

With the addition of the Caterpillar designed Fusion Coupler System to the 918M’s option list, buyers now have the choice of 3 couplers. Designed for optimum performance and long-term durability, the Fusion coupler uses an advanced constant pressure wedging mechanism to create a tight, rattle-free fit with work tools.

The patented locking system eliminates the play (relative motion between coupler and work tool) and thus eliminates the wear that can result from this movement. The Fusion coupler is designed to apply constant hydraulic pressure to wedges that continually pull the work tool tight to the coupler in 2 directions, in and down, providing secure tool control and increased productivity. The coupler is available for Fusion-compatible work tool attachments.

Compared to the standard 17.5R25 tires, new 20.5R25 tires for the 918M offer a number of benefits including up to 20% more tire life and increases in traction, stability, and tipping capacity – all resulting in reduced operating costs.

Available for the North American market, the 3 new tire options include the general-application Goodyear E/L-2A “Sure Grip Loader”, a 12-ply-rated bias tire with directional and self-cleaning tread; the Michelin “Xsnoplas”, specially designed for optimum performance and long-term durability.

Gehl recently announced the new RT185 track loader, adding a new machine to its Pilot Series line. The Gehl RT185 joins the RT165, RT215 and VT320, bringing the Gehl Pilot Series line-up to 4 pilot-controlled track loader models for North America.

“Gehl track loader operators will have an all-new experience with our Pilot Series models,” said Nathan Ryan, global product line manager for track loaders, Manitou Group. “These track loaders have pilot-operated joystick controls that are highly responsive and easy to use, which gives the operator unbeatable control at any speed.”

The Gehl RT185 track loader is equipped with a hydraulic pilot control joystick that gives the operator true one-to-one proportional control over the drive system. The cab is redesigned, allowing the joystick to be mounted to the seat, which adds legroom and minimizes arm fatigue during operation. A custom-designed undercarriage provides even weight distribution for enhanced stability, grading, tractive effort and ride control.

The Gehl RT185 Pilot Series track loader is powered with a 69.9 hp engine and 2-speed hydrostatic drive system for fast and efficient movement around the worksite. It can lift up to 2.1 m and, at 35% rated operating capacity, can carry 840 kg of material. Add in a ground clearance of 32 cm and these machines are equipped for any jobsite condition.

The RT185 Pilot Series track loader features Gehl’s industry exclusive IdealTrax™ automatic track tensioning system and HydraGlide™ ride control. IdealTrax™ saves the owner substantial maintenance and track replacement costs over the life of the machine by ensuring proper tension on the tracks upon engine start up and operation. By eliminating over-tensioning and releasing track tension when the engine is turned off, track life is extended by up to 15% and less strain is felt on the sprockets and bearings. IdealTrax™ eliminates the need for manually tensioning the tracks and makes changes in the field quick and simple. While Gehl’s trademarked HydraGlide™ system allows the lift arm to “float” when...
for operation on snow and ice, and incorporating a non-directional tread pattern with excellent self-cleaning characteristics; and the Michelin XHA2 radial, a wide-lug tire with non-directional tread, heavy shoulders, and protected sidewalls for heavy-duty applications.

Width-over-tires is approximately 2.3 m for the larger 20.5R25 tires. All 3 tire options must be used with the Fusion coupler or with the optional high-lift loader linkage to ensure that work tools rest level on the ground. An oscillation limiter eliminates tire-to-fender interference.

The new guarding options, which can be used with currently available steel-front fender deflectors, provides protection for vulnerable areas such as headlights, articulation point, transmission and related components, front driveshaft and the oil pan.

Source: Caterpillar

Bio Chisel Paste for Breaker Use in Environmentally Sensitive Applications

Used to grease the wear bushings in hydraulic breakers, Epiroc’s new Bio chisel paste helps prevent bushing wear and prolong working tool life. The formulation is based on special synthetic esters that are easily biodegradable and is approved by the European commission for use in environmentally sensitive applications.

Inside a hydraulic breaker, the ambient working temperature reaches up to 1100°C under extreme load. In these conditions the standard greases available in the market will liquefy and disappear. Without adequate lubrication, bushings suffer accelerated wear, thereby increasing the cost of breaker operation.

Tailor-made for hydraulic breakers, Epiroc Bio chisel paste gives excellent performance across a wide range of temperatures, from –30°C up to +1100°C.

Epiroc Bio chisel paste has high load carrying characteristics with very good separation capacity. It helps reduce breaker operating costs by reducing bushing wear and working tool breakage. High water resistance makes it suitable for underwater applications, and the product offers a high level of corrosion protection.

For the breaker to benefit from the full protection offered by Epiroc Bio chisel paste, lubrication should be performed at regular intervals and care should be taken not to over-lubricate.

Epiroc Bio chisel paste is suitable for automatic lubrication on Epiroc hydraulic breakers with ContiLube™ II Micro or ContiLube™ II, or for manual greasing with a grease gun on Epiroc or any other breakers.

Source: Epiroc

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JCB Launches New Site Dumper Range in North America

JCB North America recently announced the availability in the U.S. and Canada of 3 new site dumper models, with maximum payload capacities ranging from 5,900 kg to nearly 9,000 kg. The innovative new range is designed and built by JCB to be the safest in the industry, setting new standards for site dumper visibility, stability and operator protection. The new JCB site dumper range includes the 6T-1 with either a front- or swivel-tip bucket and 6 t capacity, the 7T-1 Hi-Viz with front-tip and 7 t capacity, and the 9T-1 with front-tip and 9 t capacity.

Featured across the JCB site dumper range, the JCB EcoMAX 74 hp (55 kW) Tier 4 final compliant engine requires no diesel particulate filter (DPF), no diesel exhaust fluid (DEF) and no diesel oxidation catalyst (DOC).

The machines come standard with folding roll-over protective structures/falling-object protective structures (ROPS/FOPS) Level II frame. An optional ROPS/FOPS Level II cab with integrated protection is also available. The JCB SiTESAFE cab which is designed to withstand the slewing impact from a 13 t excavator.

“The JCB site dumper range offers a safer solution for customers and demonstrates JCB’s innovative approach to machine design and development,” said Diego Butzke, product manager for JCB North America. “For contractors, landscapers, home builders and highway workers, JCB site dumpers are a highly productive alternative for moving bulk materials around the worksite.”

JCB axles and JCB powershuttle transmission ensure the power is delivered efficiently, for maximum productivity and performance. JCB site dumpers also offer industry-leading stability, to dramatically decrease the risk of overturning. By increasing the wheelbase, widening the wheel track and lowering the bucket height, the payload center of gravity is reduced by 16% and maneuverability is maintained.

Source: JCB North America
John Deere Upgrades Large Frame G-Series With EH Boom Performance Package

Improving its popular G-Series large-frame skid steers and compact track loaders, John Deere continues to provide industry-leading job site solutions with the addition of the EH Boom Performance Package. This productivity-boosting feature is available as a factory-installed option on the 330G and 332G skid steers, and the 331G and 333G compact track loaders.

“We designed our G-Series machines with customer response in mind, and we’re committed to the continuous use of this invaluable feedback,” said Gregg Zupancic, product marketing manager, John Deere Construction & Forestry. “Our EH Boom Performance Package automates repetitive tasks and improves job site efficiencies and safety. With this new technology, operators can feel more confident and productive than ever before.”

The EH Boom Performance Package offers several features to help trim cycle times, speed production and improve job site awareness by automating repetitive functions.

The electronic self-level (ESL) feature automatically keeps the bucket, pallet forks or attachment level so the operator does not need to make adjustments when raising or lowering the boom to prevent material spillage. The EH Boom Performance Package also includes updated joysticks with built-in detent positions to activate the operator programmable boom and bucket functions. The return to dig (RTD) feature allows the operator to automatically and easily reset the bucket or attachment into a ready-to-work position. The return to carry (RTC) feature allows the operator to automatically and easily reset the boom and bucket into an operator-designated ready-to-carry position for quick transportation of materials. The boom height kickout (BHKO) feature allows the operator to set the boom height based on a low ceiling in an indoor application, or the height above a truck sidewall or a hopper. Then, using the joystick detent, the boom will automatically stop at the preset position, reducing the chances of equipment damage. With these features enabled, even an inexperienced operator can take full advantage of production-leading compact equipment from John Deere.

The EH Boom Performance Package brings big loader functionality to the John Deere compact construction line. It also enhances the capabilities of the refined vertical-lift boom design in the large-frame G-Series, enabling these machines to rise higher, reach farther and lift more for quicker and easier loading. Height to hinge pin is 3.35 m, enabling operators to easily load dump trucks, feed mixers, fill hoppers and do everything in between. The lift path on the G-Series extends an additional 15 cm from the machine.

Source: Deere & Company

PRINOTH and Its Associates Are Environmentally Conscious

At PRINOTH, the protection of the environment is a fundamental stake to consider in the company’s activities. It also seems that this preoccupation for environmental consciousness is shared by – at least – one of its distributors, Multi Machine, located in New Jersey. Their off-road hydroseeders PANTHER T8 and T12, designed to restore destroyed vegetation, are a token of their commitment to the environmental cause.

By spraying seeds on the ground, hydroseeding renews the vegetation that has been ruined by frequent vehicle passage during, for example, construction activities. It allows to create vegetation areas and accelerate the growth of grass.

Since some of the devastated areas are located in remote areas, Multi Machine decided to combine the hydroseeding technology to PRINOTH’s PANTHER tracked vehicles. They can now restore the swamps and forests that are usually out of reach with a FINN or APEX hydroseeder and can operate efficiently in any terrain. This customization was the kick-off to a new trend for many contractors working in vegetation-related projects.

Having a dealer who shares the same goals and values as PRINOTH is a real privilege!

Source: PRINOTH
KINSHOFER’s D-Series Grapples Increase Excavator Versatility

KINSHOFER offers its D-Series grapples with a new light, compact and flexible shell, ideal for sorting and demolition. The attachments feature 360° endless rotation for precise positioning to give construction, demolition and recycling contractors optimal control when grabbing materials. D-series grapples are available for 2 t to 80 t excavators.

“The D-Series provides contractors with exceptional jobsite versatility,” said Francois Martin, KINSHOFER North America general manager. “The powerful grapples allow operators to easily grab, sort and move a variety of materials. Further, their design incorporates multiple features that reduce maintenance and extend service life.”

Conventional heavy-duty hydraulic cylinders with hydraulic damping protection power the D-Series, while KINSHOFER’s patented HPXdrive powers the D04HPX, D06HPX, D09HPX and D35HPX. The cylinderless HPXdrive system provides constant closing force compared to competitive grapples and reduces overall cost of ownership by about 50% compared to conventional models.

The D-Series streamlined design offers a compact footprint, ideal for working in tight areas, such as urban demolition sites.

Meanwhile, the grapple’s robust Delta-box frame provides durability and reliability for demanding applications such as quarries and large-scale demolition. And regardless of conditions, the grapple’s dust-proof axle bearing points keep out dust and debris.

To prevent overloading, the D-series

Front Hitches Make Sense Your Compact Tractor

In order to get ahead of the competition, the ability to “think ahead” is crucial. When it comes to the snow clearing and landscaping business it is no different. Tractors have been widely used in these industries but have they been used most effectively? Is there a better way?

The compact tractor now has the ability to utilize the front end for a snow blower, blade or a mower, all by means of a Zuidberg front 3-point hitch and PTO set up. One tractor can be used all year round for multiple purposes without the need to remove any equipment.

Zuidberg’s products are engineered to fit perfectly and provide a “factory” look, integrating seamlessly with the tractor. The self-contained PTO is driven directly from the crankshaft of the tractor engine meaning only a minimal loss in power through the PTO gearbox – around 3-5% only. The PTO features an internal oil immersed multi-plate clutch which is engaged by a proportional engagement system. This guarantees a smooth uptake of power to the front-mounted implements. An integrated oil cooling system ensures no external oil supply from the tractor. PTO’s are available as 540 rpm and sometimes 1000 rpm depending on the tractor, with CW or CCW options and 6 or 21 spline output shafts.

The durability of the hitch and PTO has
is equipped with pressure relief valves as well as a perforated shell design that filters fine dust and gravel while keeping larger pieces in the shells. If an operator overworks the grapple, the innovative shells flex to avoid structural damage. The grapples also feature a non-return valve to keep the load secured even if a pressure drop occurs, ensuring safe operation.

KINSHOFER offers side plates for handling small-grained bulk material, such as sand and gravel. Customers can also equip the grapples with a compression rail adapter, which allows the attachment to handle and position delicate materials, such as curbstones, without damaging them.

The grapples feature exchangeable cutting edges, manufactured with 500 HB steel for exceptional longevity. The cutting edge is also reversible to further extend its service life.

Source: KINSHOFER

been proven by many operators running this set up on John Deere 3 & 4 series tractors or Kubota L5460-6060 units to swiftly and efficiently clear roads, parking lots, driveway and sidewalks. Additional pushbar support and a cross brace gives the necessary strength for blade use. Then, once the snow is gone, these same units can be used in the summer for lawn maintenance with a front-mounted mower.

Fiscally it makes sense to have one tractor performing several roles and a Zuidberg front hitch and PTO will facilitate this. In a competitive industry, getting the most out of your tractor is almost like having the ability to “think ahead” of the next guy.

Source: Frontlink Inc.

Royal DSM recently announced the launch of a new Hybrane™ product. This product, Hybrane CY235, will drive standards in the ACE, General Industrial and Car Refinish metal coating industries by enabling enhanced coatings performance, higher throughput and reduced energy consumption.

Based on DSM’s proprietary technology, the new Hybrane CY235 product leverages the high functionality of the Hybrane molecular structure to deliver unprecedented performance standards. Unlike other high solid acrylic resins, which typically require forced drying conditions at 60°C for 30 minutes, Hybrane CY235 only requires a curing temperature of 40°C. In this way, Hybrane CY235 can deliver energy savings of up to 48% compared to standard alternatives.

In addition, because of the faster drying possibilities, this resin shortens the spray booth cycle time by 20%. Under typical workshop conditions, for example, car refinishers can paint 2 extra jobs every day, driving throughput. Crucially, these operational benefits in no way compromise the performance of Hybrane CY235, which delivers excellent hardness, a high-quality appearance with distinctiveness of image, and high reactivity without compromising on pot life.

“After many months of careful experimentation and testing, involving a cross-functional and cross-site collaboration, we’re very proud to launch Hybrane CY235. This product enables better coating performance at a lower environmental cost. As such, it is clearly aligned with our wider organizational aims of using bright science to enable brighter living,” says Ap Heijenk, industry manager, Industrial Metal & Plastic DSM. “Moving forward, we will continue to develop our Hybrane proposition in line with market demands. In particular, we will channel our development efforts to deliver Hybrane products for an even wider range of industries and also extending the application to different substrates like plastic and wood. We’re confident that our Hybrane technology will open up new coating horizons – in terms of sustainability and processability.”

Source: DSM Resins & Functional Materials

The Media Kit is available on InfraStructures’ website at www.infrastructures.com
Volvo CE Unveils Electric Compact Wheel Loader Concept

Volvo Construction Equipment (Volvo CE) unveiled its latest concept machine — known as the LX2 — at the Volvo Group Innovation Summit held in Berlin, Germany, on September 12, 2018. The electric compact wheel loader prototype was presented alongside autonomous and electromobility innovations from across the Volvo Group. The event focused on infrastructure and transport in cities of the future as well as how new concepts can have a positive impact on society through increased transport efficiency, reduced environmental impact and improved traffic safety. At the summit, Volvo CE also demonstrated its EX2 fully-electric compact excavator prototype and presented the company’s electric site research project.

The LX2 delivers zero emissions, significantly lower noise levels, improved efficiency and reduced operational costs, compared to its conventional counterparts. The LX2 is a 2nd-generation prototype that is part of a research project and is not commercially available. To make the machine electric, the combustion engine has been replaced with a lithium ion battery. This stores enough electric energy to operate the machine for 8 hours in its most common applications, such as light infrastructure construction and landscaping. The LX2 also incorporates 2 dedicated electric motors, one for the drivetrain and one for the hydraulics. Decoupling the subsystems has led to higher efficiency in both the systems and the entire machine.

“The LX2 is a revolutionary zero-emissions prototype that offers improved efficiency and lower operational costs, without compromising on machine performance,” says Ulrich Faß, Emerging Technologies manager. “It incorporates the latest advanced chemistry battery technology. As it’s electric, no particulate matter, nitrogen oxide or carbon dioxide are released into the environment. This, together with the fact that it has extremely low noise levels, makes it ideal for use in cities and densely populated areas, as it can be used without disturbing people. This is the same for the EX2 100% electric compact excavator, therefore the machines would be ideally...
suited to working alongside each other.”

Like the LX2, the EX2 is also part of a research project and is not commercially available. The prototype machine delivers zero emissions, 10 times higher efficiency, 10 times lower noise levels and reduced total cost of ownership compared to its conventional counterparts.

CLEANER, QUIETER, AND MORE EFFICIENT

At the summit, Volvo CE also presented its electric site research project which aims to transform the quarry and aggregates industry by reducing carbon emissions by up to 95% and total cost of ownership by up to 25%. Volvo CE and its customer Skanska Sweden are currently testing the electric site solution in a real production environment for ten weeks at Skansa’s Vikan Kross quarry, near Gothenburg, Sweden. The system incorporates prototype electric and autonomous machines including the HX2 autonomous, battery-electric load carrier, the LX1 hybrid wheel loader and the EX1 cable-connected excavator. These machines are part of a research project and are not commercially available.

“The electrification of construction equipment will produce cleaner, quieter and more efficient machines – this represents the future of our industry,” concludes Patrik Lundblad, senior vice president of Technology at Volvo CE. “We are currently in a period of exponential technology growth and are at the start of a paradigm shift. At Volvo CE we are developing technologies connected to electromobility, automation and connectivity that will benefit our customers and the environment by contributing to increased machine performance, productivity, efficiency, safety and sustainability. Our future products and services will play an important part in building a sustainable society.”

Source: Volvo Construction Equipment
Michelin Expands Tweel Airless Radial Line

Michelin North America, Inc., is pumping up its Tweel airless radial line. At the Green Industry Expo (GIE) held October 17-19, 2018 in Louisville, Kentucky, Michelin introduced new products to its TURF and UTV lines. Three of these additions feature 5-4.5” bolt-pattern configurations: a 24” TURF size for zero-turn radius (ZTR) mowers, a 26” TURF size for ZTR, and a 13” ZTR caster design with improved performance and stability.

“Michelin is listening and responding to customer requests. With the new bolt-pattern hub configuration comprising over half of the total commercial ZTR market, Michelin responded with these new offers in our award-winning airless tire product line,” said Olivier Brauen, vice president of Michelin Tweel Technologies.

Operators of ZTR mowers using 24” rear tire/wheels will be able to buy the MICHELIN® X® TWEEL® TURF no-compromise airless solution for their commercial mowers in limited quantities by the end of 2018. The 26” MICHELIN® X® TWEEL® TURF is now available. The redesigned MICHELIN® X® TWEEL® TURF Caster is available immediately in the 13x6.5N6 size, the new configuration is designed to provide enhanced performance and more stability with its flat, smooth design, fitting a larger range of mowers than the current ribbed version.

The new MICHELIN® X® TWEEL® UTV 26x9N14 airless radial tire with 5-4.5 inch and 4-110 mm bolt-patterns designed for use on ATVs and UTVs will be sold as fitments for the John Deere, Honda, Kubota, Yamaha and Argo replacement market. With a 80 km/h speed rating at a maximum gross vehicle weight of 1,297 kg, the 26” UTV will be available in limited quantities by the end of 2018 for a variety of machines.

“Our production facility is primed for increasing our portfolio and has been manufacturing these new products for customers to boost their productivity and bottom line,” said Mr. Brauen.

Source: Michelin North America
CASE Construction Equipment introduces the all-new TV450 compact track loader (CTL), a new 4,812 kg vertical-lift machine with a rated operating capacity of 2,041 kg at 50% tipping load. The newest and largest CASE CTL ever built features an industry leading 40.87 kN of breakout force, and optional high-flow 23.79 MPa (3,450 psi) at 158 l/min and enhanced high-flow 27.58 MPa (4,000 psi) at 140 l/min hydraulics for high-power attachments such as mulching heads, stump grinders and cold planers.

The CASE TV450 is available in either standard mechanical (H Pattern) controls, or optional electro-hydraulic controls (H and ISO pattern interchangeability), as well as optional mechanical hand and foot controls. CASE electro-hydraulic controls – EZ-EH – provide adjustable speed and control sensitivity settings that can adjust to meet the needs of each application and attachment, and operators are able to switch between H and ISO patterns via a simple rocker switch.

CASE has also made a number of premium features standard on the new CASE TV450, including heavy-duty front and side lights, front cylinder guards, a heavy-duty rear door, remote oil and fuel filters, as well as debris ingestion sealing to prevent material from entering the engine compartment. It also offers optional hydraulic one-way self-leveling and ride control for a smoother ride and greater material retention.

The CASE TV450 meets Tier 4 final emissions standards with a selective catalytic reduction (SCR) system that only requires diesel exhaust fluid – no maintenance or lifetime service related to diesel particulate filters (DPF) is required. Operators can quickly access all routine service points, including the engine, filters, fill points, and all other service points through a single point of access at the rear of the machine. The compact track loader also offers CASE’s easy-tilt cab for easy access to the drivetrain compartment, and features reinforced structures for enhanced machine durability and reliability to meet the demands of harsh working environments.

Source: CASE Construction Equipment
Combilift has launched a new high capacity powered pallet truck – the Combi-PPT. The powered pallet truck comes with standard lift capacities of 3,000 kg and 6,000 kg, with higher capacity models from 7,000 kg to 16,000 kg available on request. It is a further addition to the Irish company’s growing pedestrian range with the optional operator’s platform enabling stand-on or walk behind operation.

The Combi-PPT includes a feature common to all Combilift’s pedestrian models: its unique, patented multi-position tiller arm. This enables the operator to stand at the side of the unit rather than at the rear (as is the case with other walk behind brands), giving operators excellent visibility of even the bulkiest loads and their surroundings. The operator’s position also eliminates any possibility of crush risk when working in confined areas and prevents product damage.

“With the introduction of the Combi-PPT, very heavy loads can now be handled using these walk-behind machines, ensuring high levels of safety whilst guaranteeing efficient procedures even in confined spaces,” according to Martin McVicar, Combilift managing director.

“Combilift developed its first pedestrian models (the Combi-WR, Combi-WR4 and the Combi-CS) in response to an industry demand to move away from ride-on forklifts. As a company we are seeing a growing demand for pedestrian trucks, longer and longer. A growing number of people even travel distances of up to 50 km daily. And for long journeys to work, most employees travel by car, according to a report from the ADAC automobile club. So it comes as no surprise that commuters – and not only commuters – want to remain mobile over the winter period as well. It is true nobody can predict whether and when the winter will turn white and frosty. However, if it is snowing and stormy, gritting or spraying vehicles belonging to municipal winter road maintenance services and their private contractors must be called out to ensure road safety in cities and municipalities even when snowing and icy. The obligation to maintain roads in winter is – with the exception of federal highways – regulation by laws covering roads in each federal state. In the non-city German states, content and scope of the obligation to clear and grit are also set out more precisely in municipal by-laws.

In matters of safety the choice of material being spread on all streets, sidewalks and cycling paths also plays a key role. In...
driven by safety concerns where customers and/or employees are in the vicinity of operating forklifts. It is our intention to significantly expand our pedestrian forklift range as can be seen with the launch of the Combi-PPT. This forklift offers safer operation, maximum operator visibility and narrow aisle performance.”

The Combi-PPT’s automatic folding platform is an added benefit for operators when large distances have to be covered in a warehouse or production plant. The power steering, dual rear wheel drive and AC motor technology make it effortless and stress-free for operators: it “glides” across the floor even when moving very heavy loads and its maneuverability enables tight corners to be negotiated safely and with ease. A range of optional fork lengths, widths and configurations is available – in line with Combilift’s policy of supplying customised solutions for individual customer requirements.

Source: Combilift

addition to pre-wetted salt and grit, pure common salt solution has also been used increasingly over the past few years. It is used particularly for prevention in the case of light frost and consists of 23.6% common salt and 76.4% water. Consequently, the common salt solution helps to save salt and negatively impacts the environment less than road salt. High-performance rubber hoses like Continental’s Gold Snake are required for spreading the common salt solution.

The black, non-porous and smooth EPDM lining of the high-performance water hose is suitable for allowing common salt solution to flow freely. The hose cover is dirt-resistant and resistant to weather, which makes it ideal for use in winter road maintenance vehicles. In addition, the high temperature range of -30°C up to +100°C ensures that the Gold Snake remains flexible even under frosty winter conditions and is easy to handle.

Source: ContiTech

The ALL Family of Companies has dramatically strengthened their mobile all-terrain crane fleet for 2019 with a blockbuster package consisting of 6 Liebherr AT cranes ranging from 63.5- to 544 t capacities – 15 units in all – scheduled for delivery throughout 2019.

The package bolsters ALL’s workhorse taxi fleet with 14 units in the low- to medium-capacity range – and on top of that, adds a huge-capacity boost with a LTM 1500-8.1, the 4th one in the ALL Family’s AT fleet. The new Liebherr machines bring not just a range of lifting power, but also the on-site mobility, roadworthiness, and technical features to strengthen an already solid stable of lifting equipment for infrastructure work, commercial construction, and more.

The 544 t LTM 1500-8.1 is Liebherr’s 3rd-largest AT. It features a 7-section boom that extends to 84.1 m and, with a luffing jib, can reach a hoisting height up to 145 m at a radius of 107 m. Its huge capability and reach, along with its agile mobility, provides the muscle for both on- and off-road construction and industrial applications, including bridges and highways, power plants, refineries, and more. The 1500-8.1 is also a workhorse for erecting and disassembling tower cranes, and its big boom can be invaluable on wind farms.

“A prime reason for adding this group of machines for 2019 is that Liebherr equipment offers many thoughtfully designed technologies that help meet our customers’ everyday challenges,” said Michael L. Liptak, president of the ALL Family of Companies. One of those is Liebherr’s innovative VarioBase crane support system. VarioBase allows the operator to customize each of the crane’s outrigger extensions independently, providing the ability to take advantage of every inch of available working space. That greatly reduces site prep, but it also increases machine stability and lifting capacity.

“The VarioBase feature is proving really valuable to our customers, particularly in urban construction, where we are seeing a huge uptick,” added Mr. Liptak. “But whether these ATs are working on an urban core renewal project or a tight power plant site, VarioBase allows them to fit where cranes of similar capacity never could before. Our operators love it, but it also makes the machines safer and more cost effective as bare rentals,” he said.

Besides the LTM 1500-8.1, the package also includes the LTM 1060-3.1 (2 units), featuring high load capacities, a long boom system, and compact dimensions; the new LTM 1090-4.2 (4 units), with environmentally-friendly technology that reduces fuel consumption and noise; the LTM 1130-5.1 (4 units), offering a long, variable boom system with outstanding load capacities in a compact size with a state-of-the-art chassis and drive technology; the LTM 1100-5.2 (1 unit), one of the most compact 5-axle cranes in its class; and the LTM 1200-5.1 (3 units), providing outstanding lifting capacities and reach with its 7-section, 71.9 m telescopic boom that can be extended with a 7 m lattice jib and a swing-away jib up to 35.9 m long.

“This purchase extends the range and strength of our all-terrain fleet, and the high demand for these types of machines at all our locations can be more readily fulfilled,” said Michael Liptak. “As a group, these ATs are versatile, economical, and efficient machines.”

Source: The ALL Family of Companies
A world premiere in the Netherlands: the first PlasticRoad bike path was recently opened in Zwolle, capital of the Overijssel province in the central-eastern part of the Netherlands. Inventors of the PlasticRoad, Anne Koudstaal and Simon Jorritsma – together with Member of the Provincial Executive of Overijssel, Bert Boerman and Alderman William Dogger of the municipality of Zwolle, cycled the first bike path made from recycled plastic. The concept was presented 3 years ago by road construction company KWS (a Royal VolkerWessels company). Wavin and Total joined forces with KWS in 2016 to develop the concept into a product. A second PlasticRoad bike path pilot in Giethoorn, near the pilot location in Zwolle, is opening in November.

The first PlasticRoad bike path is 30 m long and is located next to Deventerstraatweg between Lindestraat and Verenigingstraat in Zwolle. The bike path contains recycled plastic equivalent to more than 218,000 plastic cups or 500,000 plastic bottle caps. The pilot location is equipped with sensors to monitor the road’s performance – including temperature, the number of bike passages and the durability of the road. With these sensors, this PlasticRoad is the first smart bike path in the world.

“This first pilot is a big step towards a sustainable and future-proof road made of recycled plastic waste,” said Anne Koudstaal and Simon Jorritsma. “When we invented the concept, we didn’t know how to build a PlasticRoad, now we know.”

NEW DESTINATION FOR PLASTIC WASTE

Worldwide, 350 million t of plastic are used every year. However, the largest portion of plastic reaching end-of-life is still landfilled or incinerated. In Europe, all plastic applications together contain only 7% recycled plastic.* The PlasticRoad creates a high-value second life for plastic waste by recycling it and using it to build roads. In this way, the companies want to create a durable outlet for the excess of plastic waste of today. The PlasticRoad pilot in Zwolle is circular and made with a significant amount of recycled plastic. The end goal is to use 100% recycled plastic.

In addition to a possible solution for waste plastic, the PlasticRoad is a way to build roads faster, with less impact on the surroundings and with less CO₂ emissions. The prefab, modular elements make this possible. The hollow construction offers a solution for improved water drainage in case of heavy rain fall.

The province of Overijssel and the municipality of Zwolle see a great potential in the PlasticRoad as a solution for future challenges and ambitions. Consequently, they chose to team up to be the first customers for the first 2 pilot projects. By being the first customers, they hope to pave the way for this innovation to be brought into practice and tested for economic and technical feasibility. Both parties...
encourage entrepreneurs with innovative and sustainable ideas. With this project, both governmental parties are working towards a circular economy and a sustainable public space for the future.

The second pilot bike path in Giethoorn, will test additional features of the PlasticRoad. With this second project, the results of both pilots will generate enough insights to apply and refine the PlasticRoad. In the meantime, the PlasticRoad partners are looking for new locations to launch subsequent pilots – to test other applications of the PlasticRoad, such as parking lots, train platforms and sidewalks.

* Deloitte sustainability report 2017
Source: Total Refining & Chemicals

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**Beijing’s New Airport Is Putting Its Trust in Cleaning Machines from Aebi Schmidt Group**

Aebi Schmidt Holding AG will supply Beijing Daxing International Airport with a total of 34 cleaning machines by June 2019. The contract highlights the group’s ambitious growth plans in the international airport sector.

The order includes 14 Schmidt jet sweepers that will be used to keep the runways and taxiways clear of snow and ice. These will be complemented by 4 high-speed sweepers from the Schmidt brand for cleaning operating and traffic areas in both summer and winter. Aebi Schmidt will also deliver 16 machines from the M-B brand, which are highly maneuverable thanks to a brush on the front and a fan at the rear.

“**A HUGE HONOR FOR AEBI SCHMIDT**”

The machines ordered will be produced at the German factory in St. Blasien and in the North American factory in Wisconsin.

“We’re very proud that Beijing Daxing International Airport is making use of Aebi Schmidt’s machines,” says Barend Fruthof, CEO of Aebi Schmidt Holding. “It’s a real honor for us. The order affirms our ambition to continue our expansion in the global airport sector.”

The contract for Beijing Daxing International Airport is an excellent reference for the Asian market, which has huge potential for growth. The company’s success with the contract also shows how well the products of M-B Companies, acquired in July 2018, complement Aebi Schmidt’s machines. M-B Companies is the leading U.S. manufacturer of snow removal and cleaning machines in the airport sector.

“This is the first joint business deal since the acquisition of M-B Companies,” says Mr. Fruthof. “We are delighted to have achieved this so soon after the merger. It will motivate us to continue our expansion in the airport sector together with M-B Companies.”

Source: Aebi Schmidt Holding AG

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Appointments

Automatic Lubrication Systems specialist **FLO Components Ltd.** continues to expand its resources to better serve construction, road building, aggregate, trucking, manufacturing and processing companies in Manitoba and Ontario. The company announces the appointment of **Mike Munroe** as territory sales manager – Southern Manitoba & Northwestern Ontario.

A native of Winnipeg, his previous experience over the last 16 years includes various managerial and technical sales roles promoting products and services to manufacturing, agriculture, commercial, transportation, utility, forestry, mining and government accounts in Manitoba. Prior to that, his “blue coverall hands-on” experience included a position as a heavy-duty mechanic for a major equipment distributor in Manitoba, where he gained an extensive background in repairing and servicing construction, agriculture, and transportation equipment.

Mr. Munroe primary responsibility is to help users of mobile and heavy industrial equipment obtain lower operating costs and increased machine reliability through more effective lubrication solutions. Based in Winnipeg, he will provide local availability of technical support to FLO customers in Manitoba and Northern Ontario regions.

To support his efforts and further cement its commitment to the region with local installation and service, FLO has stationed one of its Mobile Workshops permanently located in Winnipeg and fully equipped with all the necessary inventory, equipment and tools to be able to create lubrication solutions “on site”.

“Mike will make an excellent addition to our team of lubrication solutions specialists,” said Mike Deckert, vice president of FLO Components. “He brings a whole new level of energy and extensive industry experience that will help to further strengthen the relationships with FLO’s existing clients in his territory. His technical knowledge and proven work ethic is in sync with FLO’s basic foundation of “Meeting Customers’ Needs Better”, making him well suited for providing our customers with unparalleled technical and sales support.”

Source: FLO Components Ltd.

Superior Industries Inc. recently added **Phil Garinger** to its sales team in Canada. Mr. Garinger, who comes to Superior from ELRUS Aggregate Systems, is the manufacturer’s new equipment territory sales manager for Ontario, Manitoba and Saskatchewan. Additionally, he will support the manufacturer’s conveying and washing dealers in Alberta and British Columbia.

“After a decade in various positions at ELRUS Aggregate Systems, Phil comes to Superior with a strong background in both engineering and operations,” says Scott Gulan, sales manager for Superior’s equipment division. “His experience around crushing, screening, washing and conveying equipment makes him an asset to our customers in the region.”

At Superior, Phil Garinger will develop and strengthen relationships with bulk materials producers throughout Central and Western Canada. He’ll be a resource to the hard-working men and women between the Rock Face to Load Out® segment of these bulk processing and handling industries.

Source: Superior Industries, Inc.

**Lippmann-Milwaukee** is pleased to announce 3 key appointments for the company in the wake of the recent acquisition by McCloskey International.

**Kevin Kiesgen** has been re-appointed as vice president of sales at the company, after a successful tenure of serving Lippmann customers across applications and industries.

The company has also appointed **Bob Meyers** as vice president of business development. He brings years of industry experience to the rapidly growing and evolving organization, most recently as vice president of sales and marketing at Telsmith.
Both Kevin Kiesgen and Bob Meyers will be based out of Lippmann-Milwaukee's head office in Cudahy, Wisconsin.

In addition, Gary Guthrie has been appointed as senior vice president of Lippmann-Milwaukee to lead and integrate Lippmann into the McClokey Group, capitalize on synergies, and facilitate future growth.

Over its 95-year history, Lippmann has developed a gold standard reputation for heavy-duty stationary and semi mobile products. McClokey is recognized as being one of the fastest growing mobile crushing and screening equipment manufacturers in the world.

Source: McClokey International/Lippmann-Milwaukee

Patrick Zanen is returning to GOMACO as the global director business development. He will be working directly with Kent Godbersen, GOMACO vice president of worldwide sales and marketing, on the global view of our sales and distribution network.

Patrick Zanen began his concrete career with GOMACO Corporation in the early 1980s and most recently was the head of product management and sales for Wirtgen's slipform paving division.

“I am looking forward to working with Patrick on the global sales and service of GOMACO products,” said Mr. Godbersen.

“The interest in our product line has reached historic levels and it is important for us to give every GOMACO customer and potential customer an opportunity to pave with the latest in concrete paving technology. Patrick brings with him a wealth of knowledge in slipform paving as well as a vast amount of experience working directly with both customers and dealers. He is well traveled and familiar with the paving requirements of the various regions around the world.”

Source: GOMACO Corporation

**Job Offering**

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**Mack® LR Model Improves Driver Comfort, Visibility with New Standard Features**

Mack Trucks’ leading refuse vehicle, the Mack® LR model, now offers improved safety and driver productivity features for its customers. Mack made the announcement at Waste & Recycling Expo Canada, held October 24-25 at the Enercare Center in Toronto, Ontario.

A passenger side sliding glass window for superior visibility, and Sears C2 PLUS air suspension seat for enhanced driver comfort, are now standard on the LR model and available for order. Mack also announced that an exterior stainless steel sun visor and 315 series tire coverage for the Hendrickson Haulmaax suspension are now available for order.

“Mack designs every product and service with our customers in mind,” said Curtis Dorwart, refuse product manager for Mack Trucks. “Refuse customers have a unique set of challenges facing them on the job, so Mack took their input and developed features that would help improve safety, comfort and productivity.”

The new sliding glass window improves ventilation and allows easy access to the passenger side mirror during right-hand stand-up or sit-down operation. The exterior stainless steel sun visor, available as an option, improves heat deflection and reduces glare, while standing up to harsh refuse operating conditions.

The Sears Seating C2 PLUS seat offers an even more comfortable ride, while a Sears Seating multi-position right-hand seat is standard for customers who spec right-hand operation LR models. The multi-position seat, engineered exclusively for the Mack LR, enables more adjustability for right-hand operators whether standing or sitting, as both the seat back and seat base are adjustable.

Specifying the Mack Granite®, Mack TerraPro™ and LR models with 315 series tires in all wheel positions greatly simplifies the ordering process for customers and enables them to more efficiently manage their tire programs.

Also now available for order on Mack LR and TerraPro models is TMC RP170A, a set of chassis-to-body electrical interface guidelines for refuse trucks. The electrical interface was developed through industry collaboration by the American Trucking Associations’ Technology & Maintenance Council (TMC), and allows for easier upfit, standardization and ease of troubleshooting and maintenance.

The Mack LR was designed to meet the challenges of refuse customers needing superior maneuverability, increased productivity and improved visibility, and is available in 6x4 and 4x2 configurations. Customers can specify left-hand drive, right-hand drive, dual-drive and left-hand drive with right-hand stand-up/sit down drive.

Mack's 11 l MP®7 diesel engine is standard in the LR model, delivering up to 355 hp and 1,260 lb-ft of torque. The LR is equipped with an Allison RDS 5-speed or 6-speed automatic transmission.

Source: Mack Trucks

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Agenda

Congrès INFRA 2018
November 18 - 21, 2018
Quebec City, QC Canada

The Big 5 Dubai
November 26 - 29, 2018
Dubai, UAE

bauma CONEXPO INDIA 2018
December 11 - 14, 2018
Gurugram/DELHI, India

Landscape Ontario Congress
January 8 - 10, 2019
Toronto, ON Canada

World of Concrete 2019
January 22 - 25, 2019
Las Vegas, NV USA

2019 NSSGA Annual Convention / AGG1 Academy & Expo
February 10 - 13, 2019
Indianapolis, IN USA

World of Asphalt 2019
February 12 - 14, 2019
Indianapolis, IN USA

National Pavement Expo 2019
February 27 - March 2, 2019
Nashville, TN USA

The Work Truck Show
March 5 - 8, 2019
Indianapolis, IN USA

National Heavy Equipment Show
March 28 - 29, 2019
Toronto, ON Canada

bauma
April 8 - 14, 2019
Munich, Germany

Waste Expo 2019
May 7 - 9, 2019
Las Vegas, NV USA

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

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

MATEXPO 2019
September 11 - 15, 2019
Courtray, Belgium

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

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