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A Brief Word...

Well, we have all given our Thanks for what has hopefully been a good harvest from this year’s activities.

The forecast is for a long cold winter, and not just in Ontario where fuel is expected to increase by as much as five cents per litre with the new Carbon Tax. It will be interesting to see how long it will take to bite.

The bright side to this gloom is the rise in resource activity globally, and with MINExpo just behind us, the mood from many attendees has been positive. Will a rise in commodity prices bring renewed employment across related sectors and stabilize the national economy in the short term?

The SWIFT conference was held for the first time outside of Canada, hosted by the Minneapolis International Airport. Several vendors spoke positively about the event, and again one gets a sense of a rise in optimism about the economy going into 2017.

However, as much as we can be thankful for small mercies, let us not forget that ghoules and goblins have yet to spring from their hiding places promising to wreak havoc upon us. Will it be Trick or Treat for the New Year? I guess that depends upon whom you ask.

One thing I can predict reliably is that InfraStructures will always be a treat for you. No nasty surprises lurk within our pages (or our rate card), only the news and information that you rely on and trust.

What else would you expect from Canada’s Equipment Magazine... a Trick?

Boo!

On the cover: SENNEBOGEN recently delivered an electric-drive 825 M model material handler to the Nickelhütte recycling facility, in Germany.

The machine performs loading tasks throughout the 146 m long structure. Thanks to an overhead power solution, the 825’s mobility is completely unrestricted.
GAHCHO KUÉ DIAMOND MINE OPENS

Gahcho Kué, the world’s largest new diamond mine in the last 13 years, officially opened on September 20, 2016. The mine, a joint venture with The De Beers Group of Companies (51%) and Mountain Province Diamonds (49%), is expected to produce approximately 54 million carats of rough diamonds from around 35 million t of scheduled material over its lifetime.

A fly-in/fly-out remote mine site situated approximately 280 km northeast of Yellowknife in the Northwest Territories (NWT), Gahcho Kué remains on track to reach full commercial operation in the first quarter of 2017. Comprised of 3 open pits, the mine will employ 530 people full-time, with the majority working a 2-week in/2-week out rotation.

The mine was opened officially by De Beers Group chairman and Anglo American CEO Mark Cutifani, De Beers Group CEO Bruce Cleaver, De Beers Canada CEO Kim Truter, Mountain Province Diamonds CEO Patrick Evans, and representatives of First Nations and Metis communities in the Northwest Territories at an event that included 150 guests from across Canada and around the world.

Canada is the world’s third largest diamond producer by value and the fifth largest by volume. Underpinned by a US$1 billion ($1.3 billion) capital investment, the development of Gahcho Kué between 2006 and 2015 has already provided a $440 million boost to the NWT economy, according to a recent socioeconomic impact study conducted by EY for The De Beers Group of Companies.

More than 90% of Gahcho Kué’s economic impact will be delivered once the mine becomes fully operational, equivalent to a further $5.3 billion in gross value added (GVA) to the NWT. Including its supply chain impacts, the mine supported more than 2,700 jobs in 2015, with employment at the site representing more than 10% of employment in the NWT’s extractive industries.

Source: De Beers Canada

FLOWCRETE OPENS A WAREHOUSE & DISTRIBUTION CENTER IN VANCOUVER

Flowcrete Canada is delighted to announce the opening of a new Warehouse and Distribution Center located just outside of Vancouver in Pitt Meadows, British Columbia.

This move is designed to meet the increasing demand for the company’s specialty resin flooring solutions and enable continued sales growth in the Western Canada region, having outgrown the previous facility.

The new 370 m² center will serve as a regional hub for the distribution of Flowcrete Americas’ polymer flooring materials and specialty coatings; increasing capacity, enabling a broader product mix to be stocked and delivering reduced lead times for local customers.

The company’s also hired Byron Laus as Warehouse supervisor. He has a wealth of experience in warehouse inventory management and is familiar with Flowcrete product having previously worked with several of Flowcrete Canada’s applicator partners in the BC area.

“I’m delighted that Flowcrete has chosen to invest in the Western Canada region.
The new Warehouse & Distribution Center will greatly improve the service we are able to offer our customer network, allowing us to ship product quickly and efficiently,” said Ben Smith Country manager for Flowcrete Canada, speaking of the new facility.

Flowcrete Americas’ vice president, David McNeece, cut the ribbon on the new Warehouse and Distribution Center on at a celebratory event, held on August 18, in which local coatings applicator customers were invited to tour the new facility.

Source: Flowcrete Americas

ALL BECOMES OFFICIAL DEALER FOR MANAC TRAILERS

The ALL Family of Companies (ALL) is pleased to announce they have become an official licensed dealer for Manac, the largest manufacturer of trailers in Canada and a leader in the manufacture of specialty trailers in North America. ALL, the largest privately held crane rental and sales company in North America, acts as a dealer for many well-known brand names in the equipment, parts, transportation, and service supply chain dedicated to the lifting industry.

“Since we have relied on their trailers for years, adding Manac to our dealer-ship roster is very gratifying for ALL and its customers,” said Michael L. Liptak, president of ALL.

One of the value-adds of doing business with ALL is that the company has its own fleet of 400 trucks and 2,000 trailers to transport cranes, which helps customers stay on schedule without having to rely on outside trucking companies. The ALL Family is Manac’s largest customer in the world. Trailers acquired for the fleet include custom designs for ALL, such as step-deck models with close tandem wheels for the company’s “taxi crane” fleet.

As a Manac dealer, ALL can now help customers choose the perfect trailer for their needs, drawing on their deep familiarity with the full spectrum of Manac’s products.

“We have a great relationship with Manac and have been a big fan of their products for a long time,” said Mr. Liptak.

By becoming a dealer, we are able to offer our customers another product for sale that we know, trust, and use ourselves. Their equipment is a great complement to our fleet, and we are very proud to be a licensed dealer for Manac.”

Source: The ALL Family of Companies

2016 ORBA SCHOLARSHIP RECIPIENTS

Ontario Road Builders’ Association (ORBA) congratulates this year’s recipients of the Civil Engineering and Civil Engineering Technology Scholarships.

Millar Coveney, entering his first year last month in the Bachelor of Science Engineering and General Engineering program at Queen’s University, was awarded the $2,000 Civil Engineering Scholarship.

He recently worked in a co-op placement at an engineering firm in their municipal department where he gained insight and knowledge into the practical application of
infrastructure's goals and current technology used in his own community. With Millar Coveney’s drive and desire to reduce the environmental impact on future projects, he will be a great asset to the industry.

Daniel Woodhead, entering his first year in the Civil Engineering Technology program at Georgian College, was awarded the $2,000 Civil Engineering Technology Scholarship. Already having spent his summers working in the construction industry with his family business, he has learned firsthand about the different types of projects in the civil engineering field that drive his interest in bridge construction. Mr. Woodhead also has an interest in municipal infrastructure and having lived in a rural area, he would like to see improved designs and current technology used in his own community. With a desire to pursue a career working in the field, Daniel Woodhead’s effective communication and problem-solving skills will play a vital role within a team on a jobsite.

“ORBA members congratulate Millar and Daniel on their scholarships and we wish them great success as they develop and apply the skills to help them become part of the future generation of building Ontario’s transportation infrastructure,” said ORBA Education Committee co-chair, John Blake. “ORBA is proud to provide financial support to students who have selected a career path in our industry where they are passionate to contribute to the industry and make a difference in so many communities,” added fellow ORBA Education Committee co-chair Geoffrey Stephens.

Scholarship applicants are reviewed based on their submission package that includes an essay, past work experience, involvement with special projects or volunteer activities with their local community, reference letters from employers and recommendations from professors.

Millar Coveney and Daniel Woodhead will be recognized for their achievements and presented awards for their scholarships in February 2017 at ORBA’s 2017 Convention in Toronto, Ontario.

ORBA supports and promotes the growth of Ontario’s transportation infrastructure industry. As the voice of over 200 road building contractors and suppliers, ORBA members build and maintain the majority of Ontario’s provincial highway system, municipal roads, bridges and other public transportation infrastructure, employing over 30,000 workers.

Source: Ontario Road Builders’ Association (ORBA)

Polycor acquires and merges with 2 American companies

Polycor Inc., a Canadian natural stone producer based in Quebec City, is announcing the acquisition of Swenson Granite and Rock of Ages, 2 of the top players in the granite and memorial monument industry. The merging of these 3 large companies makes them the biggest marble and granite production group in North America and one of the biggest worldwide. The headquarters of the business will remain in Quebec City.

These acquisitions will spotlight Poly-
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cor’s expertise in new North American and international markets.

“Swenson Granite and Rock of Ages are brands known for the superior quality of their products in the markets where they have a presence. We wish to maintain their brand identity and image. They enjoy an enviable reputation, which will secure immediate growth for us,” explains Patrick Perus, CEO of Polycor.

Polycor’s management is also aiming to acquire better knowledge of the customer base in these markets and strengthen their expertise in working natural stone quarries. More than 800 employees will now work in Polycor’s numerous divisions.

“Our intent is to create more jobs in the communities involved. We’re thrilled to welcome 400 new members into Polycor’s big family and we’re confident that they will integrate seamlessly, as the 3 groups are complementary and share similar fundamental values,” adds Mr. Perus.

TorQuest Partners and its co-investors, in conjunction with PNC Mezzanine Capital, are partnering with key members of Polycor, Swenson Granite and Rock of Ages management teams to capitalize the combined company. Though the transaction amount remains confidential, Polycor’s management estimates that by the end of this acquisition, revenues will exceed US$150 million ($200 million) per year.

Founded in 1987 in the Quebec City, Polycor distributes natural stone products across North America. The company transforms granite, marble and limestone into slabs, tiles, mosaics and landscaping items. It now operates 30 quarries and 12 factories in Canada and the United States.

Source: Polycor Inc.

ET ENVIRONMENTAL AND WIH RESOURCE GROUP ANNOUNCE STRATEGIC BUSINESS ALLIANCE

ET Environmental Corporation, LLC and WIH Resource Group, Inc. have joined forces to form a strategic business alliance. The partnership brings together industry veterans in the solid waste and alternative energy fields to provide complete client solutions for projects from conception through final completion. With a focus on project feasibility analysis and return on investment, engineering design, procurement, construction management, and operations and maintenance, this partnership provides valuable assistance that clients may not have in-house.

“The waste industry is constantly seeking ways to improve profits, increase customer retention, and operate more efficiently,” said Bob Wallace, principal and vice president of Client Solutions of WIH Resource Group, Inc. “The partnership with ET Environmental is a huge step in delivering on those goals. The combination of ET Environmental’s engineering expertise, depth of experience and technical knowledge, coupled with WIH Resource Group’s waste management, recycling, operational, transportation and financial analytical capabilities make for a powerful combination. This partnership will benefit both public and private sector waste and recycling management organizations and companies throughout North America. We are pleased to form this strategic business alliance with ET Environmental.”

“ET Environmental and WIH Resource Group have similar cultures with separate and distinct service strengths. Our partnership creates a strategic approach that combines those strengths into a sum that’s greater than the separate parts,” said president and CEO Bill Higginbotham. “We look forward to working with WIH Resource Group.”

Source: ET Environmental WIH Resource Group

NORD-LOCK ACQUIRES EXPANDER

Nord-Lock Group has acquired 100% of the Expander Group from owner Roger Svensson. Expander Group consists of Expander System Sweden AB, and associated subsidiaries in Sweden, the U.S. and Germany. The Expander Group specializes in the design, manufacturing and sales of the Expander® System, an expandable pivot pin system, for heavy machinery and equipment.

Expander System Sweden AB was founded in 1986 by Roger Svensson and his father Everth Svensson, based on a product invented when addressing the constant wear and tear of the pivot areas on construction equipment. In 1987 the Expander System received the Alfred Nobel Foundation Development Award.

Headquartered in Åtvidaberg, Sweden, the Expander Group has grown successfully over the years, and the product range has been developed to cover thousands of machine models. The main target markets are applications for pivotal joints within Mining, Construction, Forestry, Process Industry and Oil & Gas / Marine. Manufacturing facilities are located in Åtvidaberg, in Sweden, and DeWitt, Iowa. Sales is conducted through the Expander subsidiaries and through a network of distributors.

The Nord-Lock Group is specialized in innovative and secure bolting solutions. Technologies include the Nord-Lock wedge-locking washers, the Superbolt mechanical tensioning systems, the Boltight hydraulic bolt tensioning systems, and now also the Expander System. The Nord-Lock Group has sales and manufacturing subsidiaries in more than 20 countries across the globe. The turnover in 2015 was SEK 797 million ($120 million).

“I believe that the Expander System technology has significant international

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The Hercules Hydraulic Hammer (H3) is an excavator mounted mechanical hammer that provides increased mobility, better flexibility and accessibility. The H3 is able to work in confined spaces that a crane just can't reach.
growth potential,” commented Roger Svensson, founder of the Expander Group. “As part of the Nord-Lock Group, with its global footprint and excellence in technical sales, I am confident that the Expander Group has the best possible conditions for continued expansion and success.”

“We are excited by the acquisition of Expander,” added Ola Ringdahl, CEO of the Nord-Lock Group. “The Expander System pivot pin technology fits perfectly in our portfolio of secure bolting solutions. We have many customers in common already today and I see interesting sales synergies. I am very pleased to welcome Expander into the Nord-Lock Group.”

Source: Nord-Lock Group

**CAP STEEL PRODUCES CHRÓMX® 9100 REBAR FOR SOUTH AMERICAN MARKET**

CAP Steel at its Huachipato Plant in Talcahuano, Chile has produced its first heat of CHRÓMX® 9100, a high-strength, corrosion-resistant concrete reinforcing steel based on the nanotechnology of MMFX Technologies Corporation.

CHRÓMX 9100 rebar provides over 690 MPa yield strength and 1050 MPa ultimate tensile, allowing for efficient high-strength construction designs. In addition, CHRÓMX 9100 rebar has proven to be 5 times more corrosion-resistant than standard black bar, which extends the service life and lowers costs over the life of the structure.

“MMFX expands the geographic global markets we serve through partnering,” said Michael W. Pompay, president of MMFX Technologies Corporation. “The establishment of our production partnership with CAP Steel will help us serve Chile and surrounding countries, as well as grow sales of CHRÓMX rebar with the help of our marketing partner, Broom Group S.A.”

CAP Steel plans to produce MMFX’s full series of high-strength steel products (CHRÓMX 9000, 4000 and 2000) with yield strengths in excess of 690 MPa that provide varying levels of corrosion resistance. “By utilizing these materials, designers can take advantage of the high strength efficiencies and match the appropriate corrosion resistance for the targeted service life,” said Ernesto Escobar, CEO of CAP Steel. “This new steel technology available in the South American countries for the first time, will enable infrastructure to deliver over 100 years of service life in the most cost-efficient way.”

Corrosion in reinforced concrete structures is a significant problem in Chile, given the country’s expansive coastal marine environment and the corrosive soils of the Atacama Desert where a significant share of the mining industry is located. The high and medium corrosion-resistance of CHRÓMX 9100 and 4100, respectively, will provide longevity to Chile’s infrastructure, including bridges, tunnels, mining ducts, ports, piers, dams, mining tailings infrastructure and desalination plants.

In addition, the Chilean mining industry is actively seeking technologies such as CHRÓMX rebar for cost reduction in infrastructure projects.

“Cost-effective infrastructure is a must in Chile and in the whole Latin American region nowadays, and we’re convinced that MMFX’s steel technology will play a key role in the near future large infrastructure projects,” said Andrés Núñez, CEO of Broom Group S.A., MMFX’s marketing partner in South America.

The ASTM A1035 standard under which CHRÓMX is sold in North America is in the process of being adopted into the Chilean’s Instituto Nacional de Normalizacion (INN) standard.

MMFX, along with, Broom Group S.A. and CAP Steel are now poised to market and sell CHRÓMX concrete reinforcing steels in Chile, as well as other South American countries.

Source: MMFX Technologies Corporation

**HATCH YOUNG PROFESSIONALS WIN EMERGING PROFESSIONAL AWARDS FROM THE CANADIAN INSTITUTE OF MINING, METALLURGY AND PETROLEUM**

Hatch young professionals Ge Sa and Nishit Patel were recognized with Emerging Professional awards during the annual IMPC and COM 2016 conferences held September 11–15 in Quebec City, Quebec. Only 2 Emerging Professional awards are given by the Metallurgical Society (MetSoc) of CIM annually.

Ge Sa and Nishit Patel are being recognized for demonstrating initiative and leadership in the Canadian metallurgy or materials sector, their commitment to personal and professional growth, and for their involvement in the community.

Mr. Patel, a member of MetSoc now for just less than a year, was encouraged to join by his co-winner and friend. “There are always exciting things that you can do. It’s fun to give back,” he adds. “At schools, we really enjoy guest lecturing and running workshops. I want to teach students what I wish I had a chance to know when entering the field.”

Nishit Patel will be recognized with the Emerging Professional Award in the pyrometallurgy category.

The young professionals began working together in Hatch’s iron and steel group. “We’re peer mentors to each other,” Mr. Patel explains. “We’ve really learned from one another, and want to share our experiences with others.”

“Looking back,” Ge Sa reflects, “if I had to change anything, I’d do everything I’ve done but earlier. You feel there are barriers as a young professional, but in reality, most of those are in your head.”

Mr. Sa will present as part of the technical program during IMPC and COM 2016, alongside 11 other Hatch experts. Hatch is a proud sponsor of the proceedings for the IMPC and COM 2016 program.

Source: Hatch Ltd

**HAMMERHEAD® TRENCHLESS ACQUIRES RS LINING SYSTEMS**

HammerHead Trenchless, a Charles Machine Works company, has announced the acquisition of RS Lining Systems, LLC, the provider of RS Technik® pipe rehabilitation solutions in the Americas. This acquisition will allow HammerHead to better serve customers across the underground infrastructure rehabilitation market by providing an enhanced suite of CIPP trenchless solutions.

“HammerHead strives to offer its customers a unique, comprehensive
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set of solutions for any rehabilitation or replacement project. The combination of HammerHead and RS Lining will expand our existing product and services offering to provide our customers the most complete set of solutions for rehabilitating underground utility infrastructure,” says Kevin Smith, president of HammerHead Trenchless Equipment. “Our goal is to offer customers not just any solution but the right solution to fit their needs, and the synergy between HammerHead and RS Technik solutions expands our position as the trusted advisor in the trenchless industry.”

RS Lining is a leader in CIPP technology, providing a full suite of RS Technik pipe rehabilitation solutions for gravity sewer, pressure pipe and potable water including RS CityLiner®, RS CityMain®, and RS Blue-Line® all of which feature mobile, state-of-the-art, CIPP impregnation and installation equipment RS MobiPreg™. RS Lining has engineered systems that provide unique solutions developed to meet the emergent needs of asset managers in performance, durability, and cost-effective sustainability of pipeline infrastructure.

“We are excited to add the talent and experience of the RS Lining team to our HammerHead family. The RS Lining team is made up of industry veterans with unique skills that will be valuable in the growth of HammerHead’s rehabilitation business segment and will give customers access to unparalleled expertise,” continues Mr. Smith. As part of the acquisition, the RS Lining team will be joining HammerHead at its facility in Lake Mills, Wisconsin.

Source: HammerHead Trenchless Equipment

IEDA ANNOUNCES NEW SPONSOR LEVEL FOR OEMS, AUCTION COMPANIES AND INDUSTRY ASSOCIATIONS

The Independent Equipment Dealers Association (IEDA) announced recently that it has created a new “Sponsor Level” of affiliation with the IEDA association, designed specifically for OEM Dealers, auction companies and industry specific organizations. The purpose of this new sponsor level is to acknowledge support for the organization from those companies and businesses who are not recognized as “independent dealers” according to the

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Canada’s Dry Thanks to Meadows

When the Hawkesbury District & General Hospital (HGH) decided to build 2 large additions to its community hospital in Hawkesbury, Ontario, construction officials knew there was a big problem to solve. Below ground level was a substrate composed of solid rock with gravel on top. That meant there was no place for accumulated ground water to go, except maybe to seep through the concrete into the building and damage everything that got in its way.

HGH is a patient-centered, bilingual, 100-bed community hospital with a full range of programs serving the Prescott-Russell area in eastern Ontario. Intent on becoming a full service regional hospital by the end of 2018, HGH plans to complete the 2 building additions later this year. As part of a $120 million investment in infrastructure and equipment, the three-story additions with basements will add more beds, expand healthcare services, renovate specific facilities, and add state-of-the-art diagnostic equipment.

A building design was needed that would keep ground water out of the 2 basements. Project architect Erskine Dredge & Associates Architects Inc. in Ottawa, Ontario had a discussion with W. R. Meadows field representative Glen English, who recommended 3 Meadows products: PRECON®, MEL-ROL® LM and MEL-DRAIN™ 5035-B.

Bondfield Construction, of Concord, Ontario, was engaged as the general contractor. “I’ve worked with Meadows products before with very good success,” said Scott Watson, Bondfield’s construction superintendent for the project.

The footprint of the additions totaled approximately 4,460 m². To protect the basement floor from underground seepage, PRECON sheeting was laid on the bare ground covering the footprint to provide a waterproof barrier and the concrete poured over the sheeting.

“PRECON is great,” remarked Mr. Watson. “It was used under the entire basement floor and is a full-blown barrier. It is much better than the old poly or plastic we previously used. PRECON is applied on its own and needs nothing else, and seals really well, creating what I call the ‘bathtub effect’. It also went down easier than I thought it would.”

The soil issues underneath the basement floor were not the only water issues. The foundation walls also had to be protected. “With the solid rock substrate and no place for the water to go, it could build up against the foundation, seep through the concrete walls, and enter the basement. We recommended 2 products to eliminate that problem: MEL-ROL LM and MEL-DRAIN 5035-B,” added Glen English.

MEL-ROL LM is a sealant applied directly on to the concrete. It is a single component, water-based, polymer-modified, cold-applied, waterproofing membrane and is well regarded in the field for its reliability. MEL-DRAIN is a rolled matrix drainage system installed after the MEL-ROL is applied.
to the foundation wall. Its geo-composite makeup allows the passage of moisture through the fabric while preventing fines soils from entering the drainage channel.

“Those products are the ideal choices to protect the walls,” noted Scott Watson. “When the ground water flows toward the foundation, the dimples in the MEL-DRAIN catch it. Gravity then pulls the water down toward a drainage pipe and it then flows away from the building.”

Mr. Watson said the MEL-ROL was easily sprayed on the foundation walls, covering all the tiny holes and cracks, forming a good, protective seal between the MEL-DRAIN and the concrete. “Together, these two products form a protective barrier that will prevent seepage into the building.”

The Bondfield team discovered a difficult problem during excavation: a long cliff of underground rock was found on the excavation site. Since the cliff was too big and too expensive to remove, the concrete foundation had to be poured directly against it, preventing application of the normal waterproofing materials.

“We applied the sheets of MEL-DRAIN directly against the rock first, and then sprayed the MEL-ROL on the MEL-DRAIN, the opposite of what we would normally do,” noted Scott Watson. “Then we followed by pouring the concrete foundation wall, creating a waterproofed solution. That was it, the problem was solved.”

Building the remodeled hospital has been a long-term project. Construction began in August 2014 and Mr. Watson, a 17-year Bondfield employee, has been on the site the entire time. But he has more work to do.

“We’re about 80% done with these 2 additions. I’ll be here for about 2 more years to complete this work, as well as oversee some smaller additions and renovations,” he concluded.

Source: W. R. Meadows

organizational by-laws and therefore do not qualify for IEDA membership.

“The Board of Directors of the IEDA has spent a great deal of time and consideration evaluating the benefits of recognizing support from various industry market segments. This was a decision years in the making, and I feel confident that both current and future members of this exclusive group will benefit from this strategic positioning of the IEDA in the marketplace,” says IEDA president Drew VanBrunt.

Executive director Kristen Williams elaborates on the announcement, indicating that “Sponsoring companies are simply industry related businesses showing support for independents – these sponsoring businesses will not be considered ‘members’ of the organization, but their support will be clearly recognized and highly valued by dealer members.”

As the IEDA is recognized as a non-profit trade association, one of the main objectives of the new sponsor level is to gain financial support from large industry organizations recognizing the value of affiliation with the IEDA network. Businesses that take advantage of this sponsor option will be offered a variety of benefits that include but are not limited to: Use of the new “IEDA Sponsor” logo, vendor expo attendance, exclusive group networking opportunities, marketing and sponsorship opportunities, social media exposure…and more.

Source: Independent Equipment Dealers Association (IEDA)
Bergstrom Introduces New Heavy-Duty Air Conditioning Systems for Mining at MINExpo 2016

Mining professionals from around the world attending MINExpo International®, held from September 26-28 in Las Vegas, got their first look at new HVAC systems from Bergstrom that are designed for the mining industry.

The new products – the BES2600LH and the DBAC-100, 101 and 200 – are OEM-quality, durable and cost-effective solutions for mine operators who are looking for hydraulically-driven or electrified no-idle solutions for mining vehicles.

“We’re very excited to launch these new product lines here at MINExpo. These are cost-effective HVAC solutions for the harsh environment mining vehicles are used in,” said Tom Fisher, engineering manager of Bergstrom Electrified Systems division.

“Whether it’s 45°C in the Southwest or -25°C up north, operators will be comfortable. Most importantly, with Bergstrom on your side you can count on quality systems that are extremely reliable.”

The BES2600LH is a brand new hydraulically-driven unit designed to keep operators of a variety of mining vehicles comfortable.

The roof-mounted system contains a heavy-duty hydraulic compressor unit and weighs just over 110 kg. It boasts an industry leading performance capacity of 27 kJ/h (25,932 BTU/h) for cooling and 36 kJ/h (34,120 BTU/h) for heating. The unit has a rugged steel base that offers superior durability and protection to perform in the most punishing environments.

Bergstrom’s triple crown DBAC product line is an electrified air conditioning system engineered for the harshest conditions. It was originally launched in Europe by Dirna Bergstrom, a Bergstrom subsidiary, and is now available to U.S. customers.

The DBAC product line offers a choice of 3 different evaporators to service any vehicle configuration. The evaporator
styles include a thin, vertical wall or floor-mounted system, a universal tower-style system or a horizontal under-the-seat or headliner system. The driving force behind the versatile evaporators is a heavy-duty steel constructed case that encapsulates the electric compressor, dual fan powered condenser and receiver drier. The DBAC systems are available in 12 V or 24 V and generate 7.2 kJ/h (6,824 BTU/h) and 11.5 kJ/h (10,919 BTU/h) respectively.

“The introduction of these new products is part of Bergstrom’s continued innovation efforts,” said Gus Anton, North American Division president of Bergstrom. “We’ve recruited many of the industry’s top engineering professionals and equipped them with state-of-the-art equipment and facilities. This allows us to respond to changing market needs and continuously improve existing solutions.”

Source: Bergstrom Inc.

Rescue for a Mini(ng) Excavator

Collecting an old front shovel excavator from the grounds of the Calenturitas de Prodeco Mine in northern Colombia could hardly have been more challenging. The engine of the O&K RH 120-E mining excavator had given up the ghost and could not be repaired on site, leaving the 227 t monster stranded on top of a pile of earth.

The mining company therefore turned to the well known heavy haulage specialist Boom Logistics to collect the excavator and transport it to the repair shop 22 km away – with the help of a 12-axle THP/SL heavy-duty combination from Goldhofer.

With all the equipment in excellent condition, the prerequisites were therefore fulfilled for handling the complicated loading and unloading processes smoothly and safely.

Extensive preparations were needed for loading the axle lines because of the difference in height between the mining excavator and the transport system. As a first step, the earth had to be extracted from under the excavator – with the greatest possible care – to create enough space for the heavy-duty module to be maneuvered into place ready to take the load.

When enough material had been removed, the excavator was left standing with just the wheel hubs sitting on the earth, while the rest of the pile had all but disappeared.

The next step was to position the THP/SL underneath the excavator and use the hydraulic suspension stroke to take the load. With the excavator safely loaded, the remaining earth was removed on either side so that the heavy-duty module was left standing free. A dump truck and a pusher were then used to maneuver the transporter with its load across the uneven ground to the road, where 2 tractors were waiting to tow the mining excavator to the Calenturitas de Prodeco repair shop.

There, it was unloaded the following day and subsequently repaired.

Source: Goldhofer AG
Overhead Power Solution Achieves Indoor Mobility with SENNEBOGEN Electric-Drive Material Handler

Economical. Efficient. Long service life. Low maintenance costs. The advantages of an electric material handler are easy to understand. For many operations, though, the question of mobility presents a challenge. Many electric-drive machines are connected to their power source by a length of cable, but the cable itself may be an obstacle in confined work spaces.

At the Nickelhütte Aue GmbH metals-processing plant in Eastern Germany, managers and the team from SENNEBOGEN looked up, and found a solution.

SENNEBOGEN recently delivered an electric-drive 825 M model material handler to the Nickelhütte large indoor facility, where it recycles and remarkets a wide range of non-ferrous metals. The 825 performs loading tasks throughout the 146 m long structure. Thanks to an overhead power solution, the 825’s mobility is completely unrestricted.

A ceiling-mounted trolley crane delivers power to the material handler, keeping the electrical cables out of the way of floor operations.

“This solution is unique, but it’s easy to implement,” according to Henry Sobieraj, managing director of the Nickelhütte facility.

A rotary feedthrough on the upper carriage ensures that the cable is securely connected with the machine. The supply cable is guided along with each movement of the machine via a ceiling crane.

Climate Technical Gear Looks to Central & Western Canada for Growth With New Line

Climate Technical Gear is a 30 year old 2nd generation family-run workwear clothing manufacturer based in Halifax, Nova Scotia.

Clinton Desveaux, marketing & global sales manager is very proud of the company’s history because, in his own words, “Climate Technical Gear has made clothing for some of the most well known brands in the world and we have decided to branch out on our own.”

Everything Climate Gear sells is designed, engineered, tested, and manufactured in Canada.

“The company has 95 employees so we understand what it’s like to be a small to medium size business in a global economy,” points out Mr. Desveaux. “Designing and manufacturing our ‘own gear’ gives us 2 distinct advantages over the competition: first, building it locally allows us to keep our product in stock. If we run out of a size, we can restock in days and not weeks or months. This helps our distributors and dealers to stay well stocked and maximize their customers’ needs. Second, designing it in Canada allows the company to react to customer feedback quickly.”

“We take every bit of feedback we get from our customers seriously in order to make regular updates to our product so that it meets the needs of our customers,” he adds. “Our new line of clothing is called Sevaen, pronounced ‘se-vay-en’, and part of the Sevaen line is the new ‘Industrial Series’ jacket and bib.”

Designed specifically for construction and heavy equipment with high visibility accents, it is able to withstand tears and rips and also maintain its waterproof capability.

“We build clothing for construction, fire fighting, and marine purposes,” Clinton Desveaux points out. “Our emphasis is on safety, waterproof capability, and flexibility. I want dealers to carry our Canadian product in Central & Western Canada instead of something made offshore someplace.”

“Climate Technical Gear sources fabrics and trim items from Canada whenever possible. For us, it’s about supporting a Canadian product which we believe is a world class leader in its class,” he concludes.

Source: Climate Technical Gear
Founded in 1635, the firm’s progress led to today’s specialization in the export of chemicals, metallic salts, non-ferrous scrap metals, copper-alloy blocks, and concentrates, shipping to 45 countries worldwide. Its electric-drive material handler sorts, loads, and moves many types of metal scrap through its storage halls. The company estimates that they achieve a 50% savings in energy and operating costs when compared to diesel machines. Indoors, the electric equipment has the added advantage of working quietly and trouble-free in a high dust environment with no filter changing needed and no exhaust gases to overcome.

Source: SENNEBOGEN LLC

Isuzu N-Series trucks are a popular choice for refuse collection in tight, urban locations, or in smaller settings like parks where maneuverability and size are more important than pure capacity.

The Isuzu N-Series features a low cab forward design, that gives the driver excellent visibility when maneuvering tight, congested areas. The cab design allows drivers to see objects on the ground only 2.4 m away. This visibility combined with a 46.6° wheel cut on the larger NRR, drivers can more easily maneuver this right-sized truck in close quarters. The low cab forward design also allows shorter overall vehicle length than comparably equipped conventional trucks, while offering easy vehicle service via tilting the cab for engine access.

The NRR is equipped with a 5.2 l diesel engine and an Aisin 6 speed automatic transmission, for excellent drivability and remarkable fuel economy when compared to larger refuse trucks. The engine is designed for long life, with a B10 rating of 500,000 km.

The N-Series also offers an optional vertical exhaust package, creating more space on the frame for special body configurations and equipment.

Isuzu N-Series refuse trucks are in use from coast to coast in Canada, in locations like the historical, beautiful yet constricted Old Montreal, Quebec, to suburban areas in the Greater Victoria region, British Columbia.

Source: Isuzu Trucks Canada

Isuzu N–Series, An Excellent Urban Truck

Advertise in the FIRST and ONLY trade magazine reaching users of heavy machinery and specialized equipment all across Canada!

The 2017 Media Kit is available for download on www.infrastructures.com
Thai Students Win 2016 Stockholm Junior Water Prize

Three students from Thailand received the 2016 Stockholm Junior Water Prize on August 30, for their innovative water retention device that mimics the water retention of the Bromeliad plant. H.R.H. Prince Carl Philip of Sweden presented the prize at an award ceremony during World Water Week in Stockholm.

By examining the efficacy of natural water collection by plants – especially in terms of the shape of plants that collect and capture water – Sureeporn Triphetprapa, Thidarat Phianchat and Kanjana Komkla built a device that mimics the water retention of the Bromeliad plant. The device has also been installed on rubber trees on rubber plantations. For this, they have been awarded the 2016 Stockholm Junior Water Prize, showcasing that nature is the best teacher.

The Jury was impressed by the winners’ exceptional creativity, unrelenting diligence, enthusiasm and true passion for water.

“The winning project addresses future water security and rural livelihoods using an elegant leap-frog technology which looks simple, but its beauty masks its complexity!,” the Jury said in its citation. “It has already proven to be scalable and is now being tested in the field, by hundreds of farmers, who are now benefiting from the inspiration from beautiful plants which have an exceptional capacity to collect and store water.”

Asked how she would want to take the winning project further, Sureeporn Triphetprapa said: “I will use our idea to relieve poverty in our community.”

“This shows that to make real progress towards achieving the Sustainable Development Goals, we need to start at the local level. This is a very good example of that; a simple, smart and scalable solution, making a big difference,” said Torgny Holmgren, executive director of SIWI.

The Stockholm Junior Water Prize competition brings together the world’s brightest young scientists to encourage their continued interest in water and the environment. This year, thousands of participants in countries all over the globe joined national competitions for the chance to represent their nation at the international final held during the World Water Week in Stockholm. Teams from 29 countries competed in the 2016 finals.

Source: Stockholm International Water Institute
Kobelco Demonstrates Recycling Credentials at Donington Park Circuit

Kobelco Construction Machinery Europe B.V. (KCME) attended the Complete Auto Recycling & Secondary Materials (CARS) trade show at Leicestershire’s Donington Park Circuit on July 13-14, 2016. The manufacturer, in conjunction with authorized UK dealer partners Molson Group Ltd and Lloyd Ltd, were keen to demonstrate their credentials in automotive reclamation by showcasing Kobelco’s technically advanced SK210D-9 Car Dismantling machine.

The CARS trade show is Europe’s premier event for auto recyclers and its hands-on approach with live demonstrations and interactive sessions is unique in the industry. Visitors to the event were able to see the SK210D-9 Car Dismantling machine in action at the demonstration area, and speak to Kobelco product managers and representatives from both dealerships who were on hand to answer any questions about the machine.

Kobelco developed its first excavator-derived machine specifically for automotive reclamation in 1979. At the time, the impact of this new machine in the Japanese market was huge and led to Kobelco further investing in car dismantling technology. Now, 37 years later, Kobelco still leads the way in automotive reclamation with the SK210D-9.

The machine is designed to strip end-of-life vehicles (ELV) safely and can convert a complete ELV chassis into manageable parts for the total reclaim of key recyclable products in rapid time. In fact, the Kobelco SK210D-9 has 4 times the dismantling capability compared with hand dismantling. As well as increased productivity and reduced labor costs, the machine also delivers smooth hydraulics and suspension as well as low fuel consumption.

“We are excited to be exhibiting for the first time at the CARS event,” said Peter Stuijt, KCME Product marketing manager. “As well as demonstrating the capabilities of the SK210D-9 Car Dismantling machine, it is also a great opportunity for us to network with other companies and customers from the automotive reclamation sector, and learn more about the automotive reclamation industry in Europe.”

Source: Kobelco Construction Machinery Europe B.V.
Volvo Helps Tidy Up Lebanese Waste Muddle

Lebanese Volvo dealer AMTRAC is supplying Zahlé municipality with an L110F wheel loader in a bid to help alleviate the country’s waste crisis.

Lebanon is 12 months into a nationwide waste dilemma. The Middle Eastern country was thrown into an untidy mess last year, following the planned – but no less contentious – closure of its main waste treatment facility and largest landfill site in Na’ameh. With the cities and municipalities unable to deal with the volume of daily waste, trash soon began to pile up on the streets. A year later, the country is still struggling to cope.

The difficulty came as a result of the increase in waste entering Zahlé’s independent solid waste facility from neighboring towns and the rising number of displaced people settling in the area. Situated 55 km east of the capital Beirut, Zahlé is the 3rd most populous city in Lebanon and home to approximately 150,000 inhabitants. Over the years, the city had attracted tourists thanks to its pleasant climate, numerous riverside restaurants and quality arak (an alcoholic spirit), and had even been dubbed “The city of wine and poetry”. Today the situation is far from poetic.

In January 2016, AMTRAC won a tender to provide a Volvo L110F wheel loader to help alleviate the problem. This came after the international NGO Mercy Corps invited sealed bids from interested parties. Mercy Corps has been providing humanitarian and development assistance in Lebanon since 1993. Under the UK-funded Improved Networks Training and Jobs (INTAJ) program, Mercy Corps has been working with the Zahlé municipality to upgrade its solid waste sorting facility as part of an initiative to create jobs in the solid waste management and recycling industry.

Offering the best solution, AMTRAC was awarded the tender and has now delivered the machine to begin work at the Zahlé municipal solid waste treatment plant. The L110F is being used for multi-purpose applications, but its primary focus is feeding the sorting lines and loading trucks with rejects to dump in the on-site landfill.

Working with unsorted waste, from municipal and industrial sources puts an enormous amount of stress on the equipment. The machines are subject to heavy workloads and high pressure on their hydraulic systems. Therefore, the site required durably-designed equipment with protected components to maximize machine lifetime and minimize downtime.

With over 25 years’ experience in waste handling, Volvo CE was the natural choice for the job. All Volvo machines are designed to meet the industry’s high requirements for safety, dependability and cost efficiency.

The Volvo L110F wheel loader itself brings an impressive resume to this demanding job. Built to withstand even the harshest environments and extreme heat, the machine boasts high machine uptime and long service intervals. Some of the L110F’s standard features include the effective air filter system, engine-cooling system and well-protected electrical systems. These were essential factors, as the machine is required to operate 10-hour shifts, helping to move 250 t/day of waste.

Fast work cycles and smooth bucket movements help to make light of heavy work. The Volvo TP-Linkage combines high breakout torque with parallel lift throughout the entire lifting range, making it easy to load the bucket and reduce spillage. In addition, user-friendly hydraulic controls, good visibility and great comfort make the operators’ lives easier and safer. The Volvo L110F provides the optimal combination of performance, fuel economy and environmental care.

“A fast delivery period and, of course, Volvo CE’s good reputation and product performance were the main reasons that we were able to win this tender,” explains Anthony Abdelmassih, from AMTRAC’s management team, who submitted the winning bid. “We were awarded the tender, which I think says a lot about our products and service. The benefits of this project were two-fold: it was a great opportunity to give something back to the region and to help it recover, and to help us stay ahead in the waste treatment segment.”

“Currently, the landfill is serving 24 municipalities, plus 23 companies and industries in the area,” says Rami Nassif, mechanical engineer and head of the technical division of MORES, a consulting firm overseeing the operations. “The site is put under immense strain every day, so anything that can be done to help take some of the weight off is welcomed. Creating a sustainable system to manage the trash within our country is crucial for so many reasons. Our natural resources and people’s safety and health are, without a doubt, the main concern. Additionally, the ramifications of the waste crisis discourage tourism and investment, which in turn affects the country’s economy. The sooner we can put an end to this crisis, the better.”

Source: Volvo Construction Equipment
A New Geax Piling Rig for Turnkey Site Solutions

Selix Equipment Inc. is pleased to announce the delivery of a new Geax piling rig to Turnkey Site Solutions in the Greater Toronto Area (GTA), in Ontario.

This new Geax model DTC80 is mounted on a Hitachi ZX-160 LC5 with over 120 hp, well enough to achieve the DTC 80 impressive’s 31 m drilling capability when equipped with a telescopic Kelly Bar. The Geax DTC80’s rotary head is placed well above any competitor model at over 82 kNm (60,500 lb ft) of nominal torque and a main winch line pull of 120 kN (26,980 lbi) and a crow system of over 178 kN (40,000 lbi) of extraction force to pull you out of any situation. The DTC80 maximum pile diameter of 1.5 m can be drilled down to 31 m and can work in confined areas with minimum working head room of 8.1 m. This machine was delivered with a complement of tools from Carandina including a 762 mm (30”) and a 914 mm (36”) rock auger, a 762 mm (30”) standard earth auger and also a 762 mm (30”) and a 914 mm (36”) core barrels ready to tackle the tough work.

“A really well balanced drill rig” is what all operators say about the Geax brand. This DTC80 weighing at 24 t is the perfect size to get the job done.

Selix Equipment Inc. would like to take this opportunity to congratulate Turnkey Site Solutions on their new acquisition and to thank them for the confidence, trust and support that they have demonstrated to the Selix team.

Source: Selix Equipment Inc.
John Deere Integrates SmartGrade™ Technology Into the 750K and 850K Dozer Models

John Deere is building on its lineup of SmartGrade™ crawler dozers with the integration of the machine control offering on the 750K and 850K models. Adding SmartGrade availability on these larger machines will improve jobsite accuracy and quality of work through the complete integration of the Topcon 3D-MC2 Grade Control System. The system is fully incorporated into the machine cabin, structures and software — delivering precise grading performance while eliminating vulnerable external masts and cables.

“The launch of our 700K SmartGrade dozer was a huge hit earlier this year, and many of our customers asked for the grade control technology to be integrated into our larger offerings,” said Liz Quinn, product marketing manager, John Deere WorkSight™. “The 750K and 850K Smart-Grade dozers answer that call. They’re easy to set up and are highly productive earthmoving and grading machines intended for road building, site development and residential building applications. Like the 700K SmartGrade dozer, these models are purpose-built and ready to work the moment they roll off the dealer lot.”

The 750K and 850K incorporate a PowerTech™ 6.8 l Tier 4 final diesel engine with 165 hp and 205 hp, respectively. Both models feature Eco mode, which automatically adjusts engine power and transmission settings based on load while maintaining ground speed, to help optimize fuel economy.

Since SmartGrade is integrated into the machines, it removes the need to install blade-mounted sensors and components daily, reducing setup time and allowing operators to get to work. Eliminating external cables to the masts reduces breakage, and the removal of the masts from the blade eliminates vulnerability to damage and theft.

A key feature of the integrated machine control is Auto SmartGrade. This allows the operator to easily adjust the system when moving the machine from one soil type to another, unlike an aftermarket system, which often requires the GPS manager to make a trip to the machine to recalibrate the system. Particularly helpful to new operators, Auto SmartGrade automatically lifts the blade over heavy loads before track slippage occurs, then returns the blade to grade. SmartGrade also limits the number of passes required, reducing the pace of wear on the undercarriage. The John Deere SmartGrade dozer is nearly 7% more accurate across the entire speed range of the dozer when compared to conventional masted systems.

Another benefit of the SmartGrade technology is that machine dimensions are preloaded into the grade control monitor, reducing the time required to calibrate the dozer to about 30 minutes. The easy-to-use system is beneficial to new operators in that it can get them up and running quickly.

The SmartGrade integration into the 750K and 850K dozers also allows for enhanced diagnostics. Having the ability to get the grade control system and diagnostic information over the John Deere JDLink™ telematics system provides valuable uptime information to customers. Fleet managers looking to get the most out of their 750K and 850K SmartGrade dozers can rely on their John Deere dealers to provide Ultimate Uptime featuring John Deere WorkSight. With Ultimate Uptime, owners receive pre-delivery and follow-up inspections; 3 years of JDLink telematics, machine health prognostics and remote diagnostics, and programming capability; and the ability to add dealer-provided uptime solutions to customize the package to individual needs.

Source: Deere & Company

The Media Kit is available on InfraStructures’ website at www.infrastructures.com

InfraStructures reaches more heavy machinery and specialized equipment users than any other trade magazine in Canada.
Rolls-Royce to Supply MTU Engines for New Kato Crane

Rolls-Royce is to supply MTU-branded engines to crane producer Kato for the first time. The Japanese company’s SL-500Rf PREMIUM rough-terrain lifting crane, which weighs in at 50 t, is to be powered by a 6-cylinder in-line Series 1000 engine delivering 340 hp of power. Equipped with an selective catalytic reduction (SCR) unit, the MTU engine meets the new Japanese

Heisei 26 emission level requirements which came into force in 2016. The MTU brand is part of Rolls-Royce Power Systems.

Bernd Krüper, Head of the Construction & Agriculture business unit at Rolls-Royce Power Systems, said:

“Winning Kato as customer is our first foray into the Japanese crane market. Japan is a high-tech market for industrial vehicles, whilst MTU already has a foothold in applications such as wheel loaders. We’re predicting continued growth for MTU in this segment over the next few years.” Even now, MTU is a leading global supplier of engines for heavy-duty mobile cranes. Kato is planning to source several hundred units per year for this crane.

With an overall width of 2.75 m, the SL-500Rf PREMIUM is allowed to be driven on Japanese roads. With a boom length of 40 m, the rough-terrain lifting crane can work with weights of up to 50 t across a 37 m radius. Rough-terrain lifting cranes are used for pick-and-carry operations and for off-road and “rough terrain” applications. Equipped with 4-wheel drive, the cranes are able to move over rough ground better than trucks fitted with lifting gear. The crane was launched on the Japanese market last summer.

Source: Rolls-Royce Power Systems

Finally! Here Comes the Total Bulk Control Solution

The LVS loadscanner bulk volume control and management system from Loadscan.com is, without a doubt, the real time full solution for the transport of bulk materials, notably waste and snow.

VoluScan contributed over the last months in working out on a fast, precise, non-contact, real time, unequivocal volumetric measurement technological solution. No more risky and questionable manual bin measurements, long and arduous data processing, piles of documents and human errors, the LVS loadscanning system has been conceived to measure automatically within 10 seconds, the capacity and content of a bin within 0.1 m³ and store all the necessary data.

In addition, the LVS system is not only equipped with an automatic RFID device, it also supports 2D (3D available) imagery of the bin content through a full set of cameras to serve for the visual identification of the vehicle and its load.

The system does not require any calibration and needs little maintenance. Its real time “Overview” software contains all the desired information and is accessible by WiFi or cellular communication. Any authorized person can have access the data which can transmitted in real time in the form of summaries or reports.

Activally used in Ontario, this system and technology have been adopted world-wide for many years and, more recently, by the City of Austin, Texas, for the control and the management of bio-solids, matter necessitating volume measure at 0.1 m³ precision.

Source: Optron-Geofix Inc.
The next chapter of Nissan’s “Year of the Truck” was unveiled recently with a sneak peek of the latest members of the TITAN full-size pickup family – the 2017 TITAN XD and TITAN Single Cab models. The first-ever single cab offering in TITAN history, the new trucks are designed to provide an affordable and rugged entry-point in the commercial fleet/work truck market. The Single Cab joins the current Crew Cab and future King Cab.

“Once we complete the roll-out of all TITAN cab, bed, powertrain and grade level configurations, our all-new TITAN family will cover about 85% of the total light pickup marketplace,” said Rich Miller, director of Product planning for trucks, SUVs and commercial vehicles, Nissan North America, Inc. and chief product specialist for TITAN and TITAN XD. “More importantly, the TITAN XD and TITAN single cabs will have the power, torque, heavy duty chassis and durability required by today’s demanding worksites – including the highest towing capacities and payloads in the lineup.”

The new single cab will be offered in both TITAN XD and TITAN configurations, with both versions sharing the same cab dimensions and 244 cm pickup beds but completely separate fully boxed ladder frame chassis.

The TITAN XD Single Cab, like the TITAN XD Crew Cab, will be offered in a choice of 2 engines – the Cummins® 5.0L V8 Turbo Diesel, which is rated at 310 hp and 555 lb ft of torque; and the 5.6 l Endurance V8, rated at 390 hp and 394 lb ft of torque. The TITAN Single Cab, with a shorter wheelbase, will be offered initially with the 5.6 l V8 (a V6 engine will be available at a later date). Diesel equipped models feature an Aisin 6-speed automatic transmission and V8 gasoline engine equipped versions will utilize a 7-speed automatic transmission. They are offered with a choice of 4x4 and 4x2 drive configurations.

Source: Nissan Canada Inc.
Total Canada Expands its Distribution Channel in the Ontario Region

Total Canada Inc. is happy to announce the signing of a new Total lubricant products distributor in Ontario: The Original Parts Warehouse Inc. (OPW), based in Vaughan, Ontario. This partnership between helps strengthen Total Canada’s distribution channel, as well as broaden OPW’s line of oil products as a premium international brand supplier.

Through this partnership, OPW will distribute a comprehensive line of Total lubricants. This line will include the Heavy-duty, Consumer, and Industrial markets. It also encompasses the Extraction and Construction industry, including Hydraulic and Transmission products.

“We are very pleased to have signed this agreement with OPW and its management. We share common values based on customer satisfaction, quality, service, passion and dynamism. This agreement will also strengthen our plan for active development in Canada. It is a win-win for Total Canada and OPW, and especially for the transportation, construction and industrial markets,” says Franck Bagouet, president of Total Canada.

OPW serves the Transport, Manufacturing, Infrastructure and Power Generation industry by distributing high-quality products in combination with offering excellent customer service. As a premium products supplier, Total Canada is the perfect partner for OPW.

“When we look for a partner, a company’s culture and values are just as important as the product they sell. With Total Canada, we have the complete package. A world-class company with world-class products supported by a world-class management team,” says Larry Burns, vice president of OPW LubeSource.

Source: Total Canada Inc.
The Goodyear Tire & Rubber Company debuted its newest, ultra-large haulage mining tire at MINExpo, held September 26-28, 2016, in Las Vegas, Nevada.

Prominently displayed inside Goodyear’s booth, the Goodyear RM-4B+ contains Goodyear’s latest technologies in materials, design, construction and manufacturing, and has been engineered to help mine trucks operate at optimal levels.

“The Goodyear Unveils Latest 63” OTR Tire at MINExpo 2016

American Mine Door Co. recently announced an agreement with ACH Equipment to be the exclusive agent in representing American Mine Door in Chile. ACH Equipment is well established with the Chilean mining market while American Mine Door has a global reputation of fabricating underground mine doors since 1906. Both parties have a reputation of quality, service and safety. Currently ACH is servicing the majority of mines in Chile.

“We are excited about the new partnership. It is a natural fit for both of us. ACH has established a strong reputation in offering quality service to a local Chilean market while American Mine Door has built a global reputation of manufacturing some of the safest underground mine door products in the world,” says Dan Zenisek, CEO of American Mine Door.

American Mine Door continues to improve safety and efficiencies in the mine with added in-house automation controls taking door operations to new levels of safety and reliability. Door controls may include safety lighting systems, audible alarms, door interlocks, thru door scanners, remote control operations, sonic trip sensors, and more. With the ACH agreement, Chilean mining customers will now be able to easily purchase these items or retrofit current ventilation mine doors. Customer will also be able to purchase Mine Track Cleaners and Cable Vulcanizers with the assurance that ACH will be able to support any service efforts.

ACH Equipment Ltda. has been servicing the Chilean Mining market for over 20 years. ACH is a group of dedicated professionals offering expertise and solutions in drainage and mine ventilation. ACH is 100% dedicated to customer service and committed to safety. ACH has the support of international brands and original equipment manufacturers giving strong support in quality service.

Source: American Mine Door

American Mine Door Announces Dealer Agreement in Chile

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The Goodyear Tire & Rubber Company unveiled its newest, ultra-large haulage mining tire at MINExpo, held September 26-28, 2016, in Las Vegas, Nevada.

Prominently displayed inside Goodyear’s booth, the Goodyear RM-4B+ contains Goodyear’s latest technologies in materials, design, construction and manufacturing, and has been engineered to help mine trucks operate at optimal levels.

“There is no better place to introduce our new, 63” RM-4B+ than at MINExpo,” said Eric Matson, global field engineering manager, OTR, Goodyear. “We are proud to offer such a robust, highly engineered product for the world’s largest mining and earthmoving trucks.”

Available globally, the RM-4B+ features:
• A high net-to-gross tread pattern for increased cut and impact protection in rugged, hard rock applications;
• An extra-deep tread pattern for longer wear;
• An enhanced, cool-running compound, “which makes it ideal for high-heat applications,” according to Mr. Matson.

“Our trusted, high-technology products like the new RM-4B+ complement the wide range of cost-reducing support, services and management tools that we are promoting during MINExpo,” said Mr. Matson. “The launch of the RM-4B+ underscores our commitment to the mining industry and end users. We believe this tire will become a ‘must-have’ for mining operations around the world.”

Source: The Goodyear Tire & Rubber Company
Mercedes-Benz Vito Receives Deutscher Nutzfahrzeugpreis

The Mercedes-Benz Vito (marketed in North America as the Metris) received the Deutscher Nutzfahrzeugpreis (German Commercial Vehicle Prize) at the IAA Commercial Vehicle show, held last month in Hanover, Germany. The popular prize for vans with a gross vehicle weight of up to 3 t was presented to Volker Mornhinweg, head of Mercedes-Benz Vans, by Matthias Wissmann, president of the German Association of the Automotive Industry (VDA), and Alexander Holzmann, publisher at Holzmann Medien.

The all-rounder with the star prevailed against a strong competition after 2 days of intensive tests. The 15-member judging panel of tradespeople attended the award ceremony. The Commercial Vehicle Prize was run for the 13th time by Holzmann Medien. In addition to tests while stationary and on the move, the scoring took account of an independent economic analysis. The prize-winning Vito 109 CDI panel van convinced especially in terms of its driving dynamics and its economic efficiency.

“Tradespeople know precisely what's important in a good van,” says Volker Mornhinweg. “That's why we are especially delighted that an expert judging panel has chosen to honor the Mercedes-Benz Vito.”

Source: Daimler AG
WipWare is proud to announce the hiring of Nicholas Succee to its full-time staff. Mr. Succee graduated from Canadore College’s Environmental technician course, and was hired on as a marketing intern last July.

Nicholas Succee will help the company continue growing into the aggregate and forestry sectors and will be instrumental in bringing WipWare’s innovative technologies to the market.

Mr. Succee, a native of London, Ontario, was thrilled to stay in Northern Ontario to continue working with WipWare, and will be an asset to the company’s domestic growth strategy.

Source: WipWare Inc.

Cognibox, the Canadian leader in risk management and contractor compliance, welcomes Anne-Sophie Tétreault, Eng., as senior expert, HSSEQ Compliance & Risk Management Processes at Cognibox.

Ms. Tétreault has 20 years’ experience in the field of integrated management systems and is a seasoned expert on incorporating and optimizing health & safety, security, environment, industrial process safety, and quality in business processes. This in turn helps corporations to achieve their health, safety, security and environment (HSSE) goals, regulatory compliance and customer satisfaction.

Anne-Sophie Tétreault started her career as a project engineer for Molson-Coors Breweries and then moved to QMI, a division of the Canadian Standards Association. At QMI, now QMI-SAI Global, she was a Lead auditor for the roll out of the ISO 14001 in Canada, often in integrated audits with ISO 9001. In this role she audited companies across many sectors including forestry, pulp & paper, metallic and non-metallic production & processing, chemicals, electronics & semi-conductors, telecommunications, and aerospace.

Additionally, she developed and maintained an integrated HSSEQ management system for VIA Rail Canada’s maintenance centers. In this role she digitized workflows to automate every management system process. She subsequently improved and digitized HSSEQ management systems at Bombardier Transportation and Air Liquide Canada, as well as recently working for Voith Hydro, a leading engineering, project management and construction firm.

At Cognibox, she advises and coaches customers on best practices, including setting up and running the electronic tools, to ensure efficient regulatory compliance, and best-in-class HSSEQ performance of supply chains.

Source: Cognibox

More than 30 people from 5 countries attended Terex Utilities’ 38th annual Hands-On Training seminar, which included demonstrations of aerial lifts, digger derricks, and auger drills. Participants from Spain, Peru, Mexico, Canada and the U.S. included fleet managers, fleet technicians, purchasing managers, and other office personnel.

The Hands On Training, held August 22-24, 2016 at Terex Utilities’ outdoor training grounds in Watertown, South Dakota, is designed to help customers and distributors gain a better understanding of typical applications and proper use of Terex equipment. Those attending represented utility companies, utility co-ops, rental companies, and dealers.

Over the course of 3 days participants rotated through 10 stations where they operated equipment and performed actual jobs under direct supervision of Terex trainers. Tasks included digging holes and setting poles with digger derricks, setting screw-anchors in 4 different directions, using remote controls to change out a transformer, and setting up and performing a 3-phase lift. This year, participants were divided into 3 crews to set 3 poles with 2 spans, which included digging a hole, setting the pole, and tensioning the wires. In addition, trainers demonstrate other operations, such as pole removal techniques and multi-part winch line lifting.

“The Hands On Training is a chance to simulate a work day and learn about the typical tasks performed by utility crews in the field. Participants benefit in different ways, depending on their responsibilities and roles,” said Ken Vlasman, Customer Service manager, Terex Utilities. “Purchasing managers learn about the added value of optional equipment, while technicians get insight into how the equipment is used, which aids in service diagnoses. Just for fun, participants used a digger derrick to maneuver a load through a timed obstacle course. The person with the fastest time received a certificate,” he said.

By the end of the Hands-On Training, each person had operated 14 different pieces of Terex equipment, including Hi-Ranger™ TCX, HRX, TM 100, TCX 65/100 and LTM40 aerial devices; Commander 6060 and Commander 4047 digger derricks, and an A330 auger drill.

Source: Terex Corporation
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Agenda

ExpoTunnel 2016
October 19 - 21, 2016
Bologna, Italy

INFARUTURK Exhibiton & No-Dig Conference and Exhibiton
October 20 - 23, 2016
Kocael, Turkey

Offshore Energy Exhibition & Conference
October 25 - 26, 2016
Amsterdam, The Netherlands

Waste & Recycling Expo Canada / Municipal Equipment Feno Canada
November 9 - 10, 2016
Toronto, ON Canada

Expo-FHOQ
November 16 - 18, 2016
Drummondville, QC Canada

BAUMA China
November 22 - 25, 2016
Shanghai, China

Pollutec 2016
November 29 - December 2, 2016
Lyon, France

BAUMA CONEXPO INDIA
December 12 - 15, 2016
Gurgaon/Delhi, India

Landscape Ontario’s CONGRESS
January 10 - 12, 2017
Toronto, ON Canada

World of Concrete
January 17 - 20, 2017
Las Vegas, NV USA

IFAT Eurasia
February 16 - 18, 2017
Istanbul, Turkey

CONEXPO-CON/AGG 2017
March 7 - 11, 2017
Las Vegas, NV USA

NASCC: The Steel Conference
March 22 - 25, 2017
San Antonio, TX USA

SMOPYC.
April 4 - 7, 2017
Zaragoza, Spain

National Heavy Equipment Show
April 6 - 7, 2017
Toronto, ON Canada

ExpoCam, Canada’s National Trucking Show
April 20 - 22, 2017
Montreal, QC Canada

APEX
May 2 - 4, 2017
Amsterdam, The Netherlands

IRT Asia 2017
May 25 - 27, 2017
Bangkok, Thailand

Canada North Resources Expo
May 26 - 27, 2017
Prince George, BC Canada

INTERNMAT ASEAN
June 8 - 10, 2017
Bangkok, Thailand

BAUMA CONEXPO AFRICA
March 13 - 16, 2018
Johannesburg, South Africa

INTERNMAT Paris
April 23 - 28, 2018
Paris, France
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