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Volume 17 • Number 10 • November 2012 • *English Edition*



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A Brief Word...

Well now that all the scary stuff is out of the way (ie: Sandy, Halloween, U.S. election, and the unemployment figures), it may be time to take stock and think about next year.

At the moment, most of you are trying to wrap up the year's projects or are geared up for winter maintenance waiting for the worst and hoping for the best. So, as you get prepared for a well earned Christmas break, take time to reflect on the lessons you need to learn from 2012. Broadly speaking, they are lessons that will separate the wheat from the chaff.

We should have learned that delaying investment in our equipment fleet and personnel is a very shortsighted move that saves copper and costs silver. Prudent and planned investment in fleet and maintenance will sustain and improve customer satisfaction.

Small is not so bad. Well organized efficient project management yields improved results.

Lateral thinking pays dividends. For contractors, that translates as using specialist knowledge and applying it to concurrent activities traditionally disregarded. For municipals, it means seriously looking at leveraging utilization of resources, particularly equipment and manpower.

As Confucius said: "The journey of a thousand miles starts with a single step". The journey has begun and the rules of the emergent economy are a byword for flexibility and forward thinking.

InfraStructures will continue to be here as a mapping tool. Helping you chart a course not just for the trip, but the destination as well.

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WALLACE CHOOSES LEICA GEOSYSTEMS AS MACHINE CONTROL SOLUTION

Wallace Equipment Ltd., exclusive dealer for John Deere construction and forestry equipment in the Maritimes, announced that they will sell, install, and service Leica Geosystems' machine control solutions for automatic guidance of heavy equipment; this is the first such agreement reached in the Maritimes between any dealer and machine control vendor.

With 5 branches covering New Brunswick, Nova Scotia, and Prince Edward Island, the firm is famous for customer support, and responds to service requests 24 hours a day, 7 days a week. Wallace Equipment has been selling heavy equipment solutions for more than 30 years, but only added a machine control solution in October, 2012. "It was time," says Wallace Equipment COO and general manager Daryl Lisson, "Like contractors everywhere,

our customers have been struggling in recent years and we believe that the competitive advantages of machine control have become too great to ignore. And from the response we're getting as we demonstrate Leica's state-of-the-art systems, our customers agree."

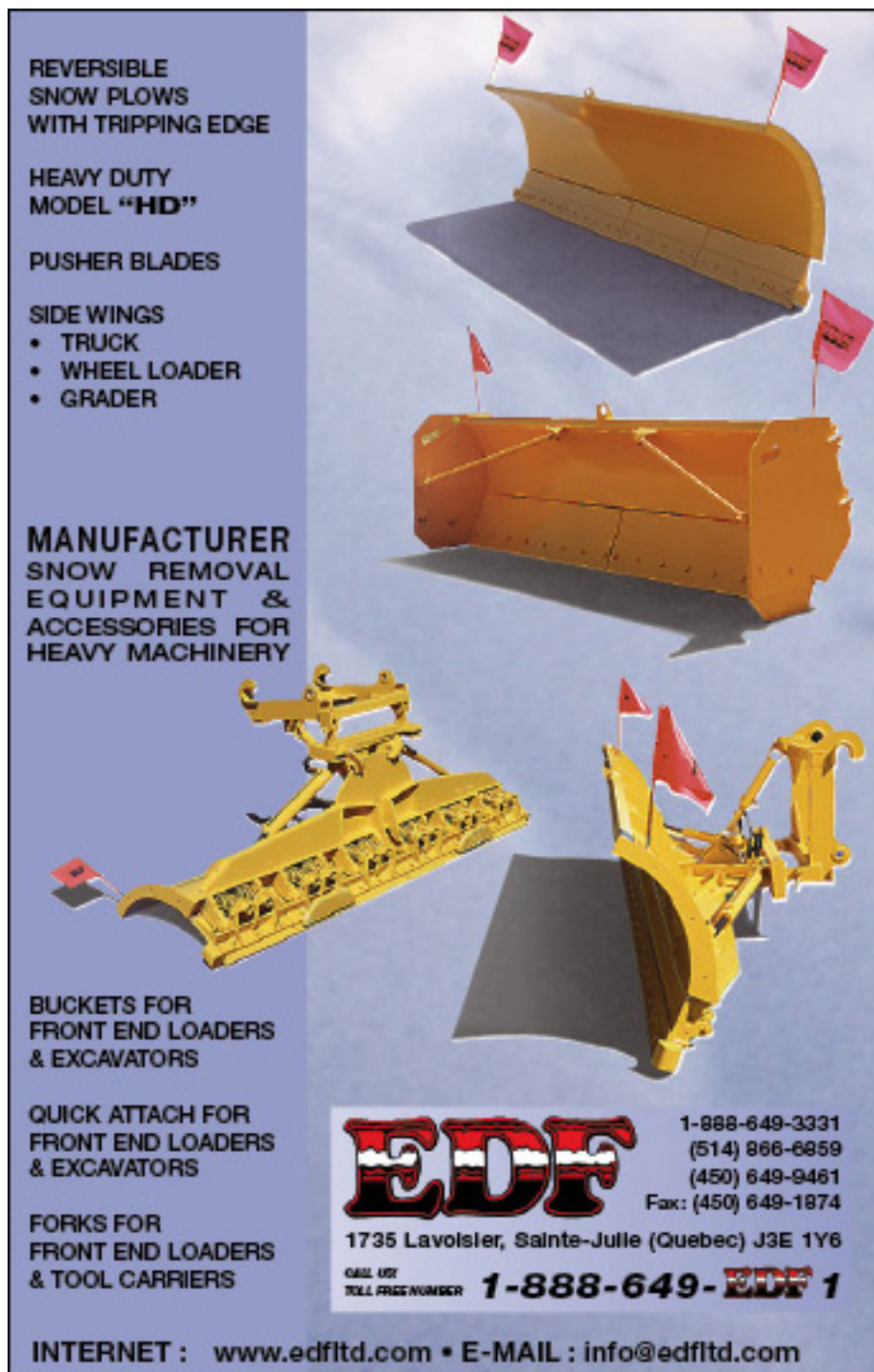
Mr. Lisson says that several suppliers were considered, but Leica Geosystems was clearly the superior choice. "We appreciated Gérard's enthusiasm and expertise, and as we looked closer we realized that Leica's emphasis on technological excellence and customer support was aligned with our values as a John Deere dealer, and we also feel that this is the best overall solution. Really, after we'd done the research, it was an easy choice and we're looking forward to installing these systems throughout the Maritimes."

Gérard Lamarre is the Leica Geosystems Machine Control product manager for the region, and was instrumental in bringing Wallace and Leica together. "Wallace Equipment is clearly one of Canada's top heavy equipment dealers, with unrivaled customer loyalty based on excellent support," he said, "We are extremely pleased that this excellent dealership is now representing and installing our automatic guidance systems, which we believe are the best in the world. This is the kind of strategic alliance that makes life better for customers."

As part of the evaluation process, Wallace Equipment and Leica Geosystems collaborated in a demonstration of the equipment for Canada's military. "We outfitted a small dozer with a Leica system and showed them what a huge difference it can make, even on medium-sized road building projects. They were impressed, and are working on procuring a system of their own," Mr. Lisson explains.

Similar demos for multiple customers have had a good response, and the alliance with Leica is off to a good start. "It's important that we're able to outfit our customers with progressive solutions. We're starting to see tenders and RFPs call for machine control, and we want our customers to work with the best technology available. In the machine control arena, we're convinced that the best combination of technology and support comes from Leica Geosystems," he concluded.

Source: Leica Geosystems Inc.



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LINDE ACQUIRES LONDON GASES AND WELDING DISTRIBUTOR

In a move to strengthen its presence in southwestern Ontario, Linde Canada Ltd. has acquired Contact Welding Supplies Ltd., an independent industrial gases and welding equipment distributor headquartered in London, Ontario.

Linde Canada is an affiliate of Linde North America, Inc., and a member of The Linde Group, a world-leading gases and engineering company. Contact Welding, a distributor of industrial, medical and specialty gases, as well as welding gases and equipment, has been operating very successfully in the London and the Sarnia, Ontario, markets for 17 years.

"The acquisition of Contact Welding strengthens Linde Canada's market position in the southwestern Ontario corridor, which is a key part of our overall Canadian growth strategy. In addition, we are pleased to welcome the Contact Welding employees, who have a reputation for extensive product knowledge and exemplary customer service, to the Linde Canada team," said Chris Ebeling, vice president and general manager for Linde Canada.

The Linde Group is a world-leading gases and engineering company that employs around 51,000 employees in more than 100 countries worldwide.

Source: Linde Canada Ltd.

TORONTO'S WATERFRONT NAMED AS ONE OF THE 21 SMART COMMUNITIES OF THE YEAR

Toronto's waterfront has been named as one of the 21 Smart Communities of the Year and selected as semi-finalist for the 2013 Intelligent Community of the Year award.

Presented by the Intelligent Community Forum (ICF), the Smart21 Community recognition is the first step in the international 2013 Intelligent Community of the Year award process honoring communities or regions with a documented strategy for creating a local prosperity and inclusion using broadband and information technology to attract leading-edge businesses, build skills, generate economic growth, and improve the delivery of government services. This year the ICF is focusing on the relationship between employment and innovation.

"We are honored that Toronto's new waterfront community has been recognized

as a Smart21 Community and pleased to make it onto the next stage of this important international competition," said John Campbell, president and CEO of Waterfront Toronto.

Toronto's designated waterfront was selected largely as the result of the leadership demonstrated by Waterfront Toronto's intelligent community initiative. This program will transform new waterfront neighbourhoods into intelligent com-

munities that revolutionize how residents receive services, promote economic growth and development, and enable innovation through an advanced telecommunications network. Other aspects of the community that were highlighted include the robust post-secondary cluster, the Ontario Research and Innovation Optical Network and Evergreen.

As part of the Intelligent Community strategy for the area, Waterfront Toronto

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has partnered with Beanfield Metroconnect to create Canada's first open-access ultra-high speed broadband community network. East Bayfront and West Don Lands, Toronto's new waterfront communities currently under construction, will feature one of the most advanced fiber-optic networks in the world, delivering internet connection speeds up to 500 times faster than typical North American networks.

"The ultra-high speed broadband community network will help establish Toronto's waterfront as the new center of innovation and stimulate economic growth by helping the city remain competitive," said John Campbell.

The Intelligent Community Forum is a think tank that studies the economic and social development of the 21st Century com-

munity. ICF seeks to share the best practices of the world's Intelligent Communities in adapting to the demands of the Broadband Economy, in order to help communities everywhere find sustainable renewal and growth.

Source: Waterfront Toronto

LED ROADWAY LIGHTING ANNOUNCES FIVE-YEAR CONTRACT WITH NB POWER

LED Roadway Lighting Ltd. (LRL), a Halifax-based manufacturer of LED-based street and area lighting products, announced a contract with NB Power to supply approximately 72,000 Satellite™ series fixtures for deployment across the province. The contract, issued by New Brunswick Power Distribution and Customer Service Corporation, calls for installation of the fixtures over a 5 year period, with deliveries commencing in Q4 2012.

The new light fixtures will replace existing 100 W to 400 W high-pressure sodium (HPS) fixtures. The installation of the new energy efficient fixtures will provide energy savings of approximately 60% (or a total of 27,000,000 kWh/y. The LRL fixtures, which have a design life that is significantly longer than conventional HPS technology, will also provide significant savings in maintenance costs. In addition to the economic benefits and improved lighting conditions, the retrofit will yield greenhouse gas reductions of approximately 324,000 t over 20 years, an amount equivalent to removing approximately 3,000 cars from the road.

This release is the latest in a series of project awards announced by the company. Last month, two other major contract awards were announced; one in Salford, UK consisting of 24,000 fixtures, and one in the Dominican Republic consisting of 8,000 fixtures.

"We are very excited to be working with NB Power on this project, which we believe is the world's largest single order for LED street lighting. We began working with NB Power in 2010 on a number of pilot installations. After an exhaustive product and technical evaluation, and a competitive bidding process, LRL's technology was selected by the client. A contract of this magnitude by an end-user such as NB Power is a major validation of our technology," commented Charles Cartmill, LRL president/CEO.

Source: LED Roadway Lighting Ltd.

ENERGY COMPANY TO DEVELOP EASTERN CANADIAN LNG EXPORT FACILITY

On October 24, 2012, Pieridae Energy Canada announced the development of a liquefied natural gas (LNG) export facility in Goldboro, Nova Scotia.

Goldboro LNG will include a natural gas liquefaction plant and facilities for the storage and export of LNG, including a marine jetty for loading. The facility is anticipated to produce approximately 5 million t/y of LNG and have on-site storage capacity of 420,000 m³ of LNG.

"We have the experience, expertise, financial resources, and access to supply and markets required for developing Eastern Canada's first LNG export facility," said Alfred Sorensen, president, Pieridae Energy Canada. "Goldboro LNG will connect the expanding supply of natural gas in both Canada and the United States with the increasing global demand," he added. "With our location and proximity to existing gas pipeline infrastructure, Goldboro LNG is well positioned as the gateway to the global markets for North American LNG."

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The facility is located adjacent to the Maritimes & Northeast Pipeline, a 1,400 km transmission pipeline system built to transport natural gas between developments in Nova Scotia, Atlantic Canada and the northeastern United States. The location of Goldboro LNG also provides substantial advantages for transporting LNG to key markets.

Pieridae is in advanced negotiations with international energy utilities for the natural gas processed at Goldboro LNG and expects to conclude negotiations in 2013. The company also announced that it is negotiating with Contact Exploration Inc. respecting Contact's New Brunswick natural gas assets. Goldboro is also the landfall for the Sable and Deep Panuke offshore natural gas sub-sea pipelines and the Maritimes & Northeast Pipeline.

Preliminary environmental, engineering and stakeholder engagement work is underway and pending regulatory approvals, construction is expected to begin in 2014 and Goldboro LNG will be operational in late 2018.

Source: Pieridae Energy Canada

C&T RENTALS OPENS NEW HQ AND FACILITY AT CENTREPORT CANADA

C&T Rentals and Sales Ltd. is celebrating its 25th anniversary and its latest expansion in Winnipeg, Manitoba, with the grand opening on September 21, 2012, of its new head office and 930 m² facility at CentrePort Canada, inside Brookside Business Park.

C&T rents and sells light and heavy construction equipment to contractors, industrial companies and homeowners.

About 85% of business comes from the construction industry. C&T's CentrePort site is its third Winnipeg location.

C&T Rentals is one of more than 23 companies that have set up new or expanded operations within CentrePort's Brookside-area industrial parks, which will have direct access to CentrePort Canada Way, currently under construction. C&T is located in Brookside Business Park, which is being joint-marketed by the Winnipeg office of the global real estate firm, CB Richard Ellis, and CentrePort Canada.

Source: C&T Rentals

ALE AND ROLL-LIFT ANNOUNCE HEAVY-LIFT AND TRANSPORTATION JOINT VENTURE BUSINESS IN CANADA

Global heavy-lift and transportation providers ALE and Roll-Lift, have recently announced the formation of joint venture ALE Roll-Lift Canada, based in Edmonton, Alberta. The new venture will bring together the very best industry expertise, and combined experience of over 75 years, to provide solutions to clients across Canada.

ALE Roll-Lift Canada will offer heavy-lift and transportation solutions primarily within the oil, energy, mining and petrochemical markets. The company intends to invest in a fleet of heavy-lift cranes from 50 t to over 1,000 t capacity, lifting systems and specialized transport with the addition of the parent company's global resources, and their investments into new equipment.

ALE was established in 1983 and has more than 20 offices worldwide. It works within offshore, oil, gas and petrochemicals, civil, nuclear, power generation, renewables, and shipyard industries.

Roll-lift was established in 2011 by a team of industry experts and headed up by Frans van Seumeren who has a long term proven track record in the heavy-lift industry. The company has already established itself in Russia and Latin America, and is expanding into new territories offering solutions to the oil, gas, petrochemical, offshore, power and civil markets. Roll-Lift and its sister company RollDock have been operating since 2006 and has developed and invested in heavy-lift vessels for worldwide project cargo.

The joining of two companies, such as ALE and Roll-Lift, whom share the same core values in health and safety and innovation will truly bring the Canadian market a first class solution provider. The

Bosch Toolbox App Offers a Measurement Camera

For many professional tradespeople, the smartphone has become an integral part of their day-to-day work. Bosch has recognized this trend.

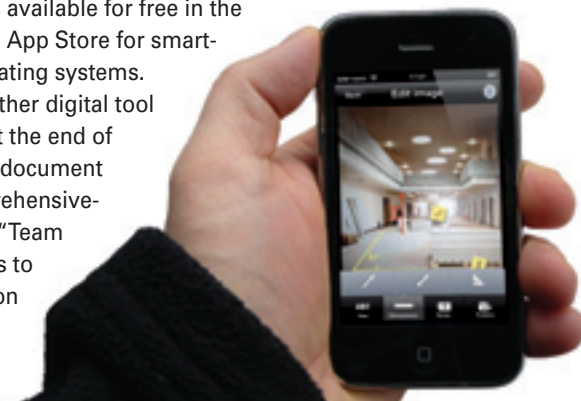
Since February 2012, the tried-and-tested Bosch Toolbox App with functions such as a unit converter, flashlight and mobile catalog of Bosch professional power tools has been available for smartphones. Now another practical application is being added to the digital toolbox, namely the measurement camera. It helps to quickly and easily document jobsite data. You can take a photo, enter the dimensions directly into the photo with arrows and angles, make notes, save it and send it by e-mail – all with this free app.

The measurement camera is intended to replace pencil and paper, which often get lost in the chaos on jobsites, and make work easier for tradespeople by providing digital assistance. For example, the measurement camera saves valuable time when preparing quotations. All necessary information, such as details about the position of mains connections and piping or wiring, can be noted directly in the photo for use at a later time.

This minimizes the risk of forgetting important details. It also puts an end to the time-consuming task of matching up and comparing freehand sketches and digital photos that have been created on the jobsite. Moreover, professional tradespeople can also record videos and voice memos with this app and store all the data from their different building projects in an organized directory of self-created folders. This enables the user to keep track of everything, even if he has a large number of jobs to manage.

The measurement camera app is available for free in the Google Play Store and in the Apple App Store for smartphones with Android and IOS operating systems. There are also plans to release another digital tool called "Building documentation" at the end of 2012. This app will enable users to document building projects even more comprehensively with smartphones. The planned "Team mode" will enable multiple workers to access the same project and work on it at the same time. Bosch will also offer this app for free.

Source: Robert Bosch GmbH



new venture will combine the expertise and equipment inventory of the separate companies under the new joint venture business.

The new business will begin operations in early 2013 and is expected to invest \$50 million within the next two years.

Source: ALE, Roll-Lift

ATLAS COPCO ACQUIRES U.S. MANUFACTURER OF DRILL BITS

Atlas Copco Secoroc LLC has agreed to acquire US-based NewTech Drilling Products, LLC. The acquisition adds a new type of high-quality product to the Swedish industrial group's offering for mining and oil and gas drilling.

Based in Salt Lake City, Utah, NewTech develops and manufactures drilling products with a focus on rotary PDC (polycrystalline diamond compact) drill bits as well as klaw bits for rotary soft rock mining. These durable tools are designed to be both impact and wear resistant and the PDC bits are particularly suited to shallow, land-based drilling applications.

"This acquisition broadens our range of products and extends our expertise for existing customers in the mining, construction and oil and gas industries," said Bob Fassl, business area president, Atlas Copco Mining and Rock Excavation Technique. "We look forward to combining NewTech's product development competence with the strength of the Atlas Copco brand and the global reach of our sales force."

NewTech will be part of Atlas Copco's division Rock Drilling Tools within the Mining and Rock Excavation Technique business area. The acquisition is expected to be closed in the fourth quarter.

Source: Atlas Copco

STEEP SLOPE COOL ROOFING SYSTEMS UTILIZING REFLECTIVE GRANULES TO INCREASE ENERGY EFFICIENCY

In an ongoing effort to reduce energy consumption and increase the overall performance of buildings, asphalt shingle manufacturers are now implementing more effective ways to produce steep-slope solutions for today's energy requirements without compromising unique aesthetic.

A combination of proven durability, pleasing aesthetics and reasonable cost make asphalt shingles the predominant steep-slope roof covering selected by

building and home owners alike.

The dominance of asphalt shingles is also prevalent in the cool roof arena through the development and marketing of highly reflective asphalt shingles. These products maintain a varied color palette that allows customers to match shingles to the design and color scheme of their home while offering the benefits associated with high solar reflectance.

The Cool Roof Rating Council defines a cool roof as one that uses products with high-solar reflectance, the ability to re-radiate absorbed energy, high thermal emittance, and the ability to reflect the near-infrared wavelengths of the sun's energy. Asphalt shingles are achieving

high marks in all of these metrics through the incorporation of more lightly colored, highly-reflective granules.

Solar reflectance values for conventional asphalt shingles range from 0.04 for black to about 0.25 for a white shingle. The use of granules made with special pigments that reflect most of the near-infrared portion of the solar spectrum has allowed the development of aesthetically pleasing colors with solar reflectance values that extend to 0.40, giving the consumer more design flexibility when selecting a roofing system.

It is important to note that the mineral granules used on highly reflective shingles are essentially identical to those used on

HDE to be Distributed in Mexico

Heat Design Equipment Inc. of Kitchener, Ontario, is pleased to announce the appointment of Municipal Trucks & Equipment L.L.C. (MTE) of Hidalgo, Texas, as the exclusive manufacturer and marketer of Heat Design infrared heaters and equipment for the Republic of Mexico. Heat Design has had some equipment sales of asphalt heaters and recyclers in Mexico, but this agreement ensures a better availability of this unique, patented product to assist in improving construction and repair of asphalt pavements.

MTE was founded in 2000. The company specializes in the refurbishing and/or remanufacturing of emergency and public utility equipment.

The manufacturing plant is located in Reynosa, Tamaulipas Mexico where the company works under a Maquila program. Sales offices are in strategic points in Mexico including, Reynosa, Tamaulipas, Monterrey, Nuevo Leon, Mexico City, MTE works through

dealers throughout different cities. A sister company, One Stop Recycling Services, L.P. operates asphalt repair equipment in Texas and Mexico.

Heat Design markets its infrared equipment internationally. It has a wide range of product line from small patchers and recyclers to tackle the growing pothole problem worldwide, hot box/reclaimers to re-use waste asphalt and maintaining heat in the asphalt, larger truck patchers for hot-in-place patch repair, longitudinal joint heaters to improve construction of the centerline joint on roads. The recycling process meets today's requirement of maximizing recycling of products, as well as providing a better long term sustainability.

Infrastructure deterioration is a critical problem worldwide and Heat Design equipment helps owners get the maximum return on their pavement investment.

Source: Heat Design Equipment Inc.



l. to r.: Matt Kieswetter, Heat Design; Roger and Rogelio Gonzales, Municipal Trucks & Equipment; and Bob Kieswetter

asphalt shingle roofs for decades, except for the development of near-infrared reflective pigments. In addition, both conventional and highly reflective asphalt shingles maintain thermal emittance values that often exceed 0.80.

Source: The Asphalt Roofing Manufacturers Association

ACCIDENT REPORTING TO BE MANDATORY FOR IPAF UK MEMBER RENTAL COMPANIES

From January 1st, 2013, International Powered Access Federation (IPAF) rental company members in the UK must report any known mobile elevating work platform (MEWP) accidents involving their staff at the IPAF accident database. The move to mandate accident reporting as a condition of IPAF membership for UK rental companies was agreed at the first meeting of the IPAF UK Country Council and subsequently ratified by the IPAF Council, the Federation's main governing and decision-making body.

"This is the initiative for IPAF," said Peter Douglas, chairman of the IPAF UK Country Council, who has been leading the accident reporting campaign. "We need to make the

industry safer. Go to the IPAF website and report accidents. The data collected will help indicate the most common high risk behaviors. And if we can reduce those risky behaviors, we will gradually reduce the number of fatal and serious accidents."

"The initial mandate is for UK rental companies to report all lost time incidents for their employees," explained Mr. Douglas. "But all members are strongly encouraged to get on board and report all accidents, near misses and contractor incidents they are aware of. The more information we have, the better we will be armed to reduce accidents in our industry."

"Companies who commit to report accidents at the IPAF database will be able to confidentially record data and create their own register of accidents," said IPAF technical officer Chris Wraith. "The system requires companies to 'sign off' monthly on their accident records. In return, a dashboard feature analyses the company data in a graphical format, providing a management tool to monitor safety performance. Individual companies will be able to compare their safety performance against aggregated results from across all

rental company members and recognised industry benchmarks. IPAF's accident reporting system gives the industry the means to comprehensively collect and analyse accident data and at the same time provide a valuable management tool to improve safety in the workplace."

All manufacturers, rental companies, contractors and users are encouraged to report any known fatal and serious accidents involving MEWPs worldwide at www.ipaf.org/accident

Source: International Powered Access Federation

XYLEM AT WEFTEC 2012

Xylem Inc. made its first appearance as a pure-play water company at the world's largest annual water industry exhibition this week. This is the first Water Environment Federation Technical Exhibition and Conference (WEFTEC) Xylem has participated in since it spun off from ITT Corporation in 2011. WEFTEC was held from September 29 to October 3 in New Orleans, Louisiana.

Xylem introduced its newest products in water and wastewater transport, treatment and analytical instrumentation under its well-known product brands that include Flygt, WEDECO, YSI, Godwin Pumps, Sanitaire and Leopold. It also inaugurated the extension of Xylem's TotalCare service portfolio to the U.S. market, and for the first time connect with MJK Automation, which Xylem acquired over the summer and incorporated into its analytical instrumentation portfolio. MJK products are used in water, wastewater, environmental and irrigation applications where critical measurements are required in pipes, wells, open channels and canals.

In addition, Xylem's president and CEO Gretchen McClain participated in the "Water Leaders 2012: Rethinking Water Services" panel, keynoted by U.S. Environmental Protection Agency administrator Lisa Jackson, to discuss smarter ways of managing water to meet the needs of urbanizing populations.

WEFTEC is the largest conference of its kind in North America and is recognized as the largest annual water quality exhibition in the world. The expansive show floor provides unparalleled access to the most cutting-edge technologies in the field; serves as a forum for domestic and international business opportunities;

General Equipment Company Offers New Engines on Its One-Man Hole Diggers

General Equipment Company announced that it would use Honda GX35 all-position, four-stroke engines on its 240 Hole Diggers.

The GX35 is an air-cooled, 35.8 cm³ displacement engine that provides 1.3 hp, and produces a maximum drilling torque of 50 ft lb (68 Nm). The all-position feature of the engine allows the 240 to be operated and stored in any position without causing service issues. Additionally, the four-stroke design provides higher performance and fuel economy than two-stroke alternatives, while eliminating the hassle of mixing fuel and oil.

The 240 is a one-man, hand-held unit that is intended for digging holes up to 20 cm in diameter in a wide variety of unconsolidated soil classifications. Standard auger digging depth is 76 cm. The available 38 cm long, plain-tube extension can be used to extend digging depth when required.

Furthermore, the 240 features the unique Comfort Zone™ handle configuration that is designed to maximize operator strength while minimizing any kickback experienced during the hole digging process.

In business for more than 50 years, General Equipment Company is a family-owned manufacturer of earth augers, ventilation blowers, asphalt cutters and surface preparation equipment.

Source: General Equipment Co.



and promotes invaluable peer-to-peer networking between its more than 18,000 attendees.

Source: Xylem Inc.

XYLEM ACQUIRES HEARTLAND PUMP

Xylem Inc. announced recently that it has acquired privately-held Heartland Pump Rental & Sales, Inc. for approximately \$29 million. The actual terms of the transaction were not disclosed. Heartland Pump, headquartered in Carterville, Illinois, has been a strong business partner with Godwin in dewatering pump rental, services and systems design since 1995; Godwin is part of the Xylem portfolio.

Xylem's dewatering solutions business is a world leader in the design and manufacture of automatic self-priming pumps and submersible electric pumps, sold under the Godwin and Flygt brand names. The Xylem offering includes pumps, accessories and services to meet customer needs during fast-paced emergencies, rental or permanent installations.

Heartland Pump employs approximately 100 people, with branches in Evansville, Indiana, Horn Lake, Mississippi, and Nashville, Tennessee.

Source: Xylem Inc.

BARNHART AGREES TO PURCHASE C&S CRANE & RIGGING

Barnhart Crane & Rigging and C&S Companies of Syracuse have reached a definitive agreement under which Barnhart will purchase C&S Crane & Rigging Company. C&S has served industrial, commercial and public sector customers throughout upstate New York since 2008 with 13 t to 180 t cranes, as well as specialized rigging equipment. Currently, Barnhart has 25 branches nationwide, and has one of the nation's largest equipment inventories including electronic steer Goldhofer trailers, cranes to 1,600 t, sliding systems, strand jacks, and the Modular Lift Tower system.

"This is an extremely positive move for both companies," said Alan Barnhart, CEO of Barnhart. "The acquisition of the C&S Rigging Company gives us greater access to a very important geography: upstate New York State. With this new branch we will be able to better serve our customers in this area, particularly those in renewable and nuclear energy."

Barnhart Crane & Rigging, established in 1969, is a leading national supplier of



Iveco has presented the SeaLand, an experimental amphibian, and two other special vehicles for emergency

operations at the 52nd edition of the Genoa International Boat Show, held in Genoa, Italy, on October 6 - 14.

At the Boat Show, which draws over 250,000 visitors each year, ranging from industry professionals to boating fans, Iveco showcased the SeaLand, an experimental amphibian vehicle designed by the engineer Maurizio Zanisi on the basis of Iveco Daily 4x4 chassis. The vehicle can be used as a tender for large yachts. At first glance, it recalls the Iveco Daily from which it is derived. The vehicle proves its performance capabilities at the Boat Show by taking a short trip from the shore out onto a pier and then descending into the Ligurian Sea.

Source: Iveco



heavy lifting and transportation solutions. The company has locations across the United States. Services also include logistics, machinery moving, and plant relocations. Barnhart's Quality Management System is certified to the ISO 9001:2008 international standard and has been registered since 2000.

Source: Barnhart Crane & Rigging

TEREX ANNOUNCES TAKEUCHI® SKID STEER LOADER SUPPLY AGREEMENT

Terex Construction announced recently the completion of a new supply agreement with Takeuchi Manufacturing (U.S.), Ltd. for the supply of 8 new models of Takeuchi branded skid steer Loaders.

This agreement will provide Takeuchi with a comprehensive range of high specification, high performance, vertical and radial lift skid steers Loaders to complement their existing line of compact equipment. Takeuchi's current distribution and support channels will handle sales, rental and parts supply and customer support needs for the new skid steer loaders.

Clay Eubanks, president of Takeuchi U.S. said: "After an extensive review process, we selected Terex to supply us with these new skid steer loaders ranging in operating weight from 2,950 kg to 3,900 kg, and rated operating capacity ranges from 680 kg to 1,360 kg. We will support our customer's parts and service needs in the same way as we do our other products today. The addition of the skid steer loader line adds to our full range of compact equipment, which includes compact track loaders, excavators and wheel loaders."

"This is a great opportunity to leverage our manufacturing operations in Grand Rapids, Minnesota, and drive additional operational efficiencies through our whole production and supply chain," said Dean Barley, vice president and general manager, Terex Construction Americas and Global Aftermarket. "We are proud to be recognized for our quality and support, and pleased to assist in meeting the equipment needs of others in our industry," added Mr. Barley.

Source: Terex

Onboard Truck Ramps Saves Portable Unloader Owners Time During Setup



Superior Industries offers time-saving onboard truck ramps as a new option for its line of portable RazerTail® Truck Unloaders.

These onboard ramps reduce setup time. Without the new technology, earthen ramps are constructed so belly and end dump trucks can access the hopper. Over time, ramps made of earthen material can settle, requiring maintenance. In addition, each move of a Superior or competitor brand portable unloader requires these earthen ramps to be arranged or deconstructed. They are available on all model 1,200 mm and 1,800 mm RazerTail truck unloaders. The patented machine, exclusively manufactured by Superior Industries, allows full belly or end dump trucks to unload in as little as 90 seconds. Customers often combine the equipment with the company's TeleStacker® Conveyor to eliminate bulk material segregation from truck to stockpile. Other applications for the portable truck unloader include barge, ship and railcar loading.

Current owners seeking to retrofit the truck ramps to an existing RazerTail truck unloader should contact their local Superior dealer or the company directly.

Source: Superior Industries

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Shunting and Clearing Snow with the Unimog

Mercedes-Benz exhibited new implement configurations for the Unimog at the 9th InnoTrans, held from September 18 - 21, 2012, in Berlin, Germany. Among them, a Unimog U 400 used as a shunting vehicle and for clearing snow made possible by a newly designed powertrain that in addition to a torque converter clutch for pulling heavy loads also includes a crawler gear transmission for very slow operating speeds. The Unimog can be equipped with a snow blower powered by its mechanical front power-take-off shaft, available ex-factory, for clearing snow off the tracks or



chassis comes ex-factory with hydrostatic drive that allows continuous adjustment of the operating speed, even by remote control from the basket.

Being driven by the road wheels on the rails makes the Unimog ideal for use as a shunting vehicle. Since the friction coefficient of rubber on steel is significantly higher than that of steel on steel, the dual-mode Unimog can develop enormous pulling

power at a comparatively low weight, and can tow loads of up to 1,000 t. Generally

speaking, the Unimog transfers the high emission standards of road transport onto the rails. With its low fuel consumption during shunting – the experience of many customers shows a fuel consumption of about 5 to 6 l of diesel fuel per hour of operation – makes the dual-mode Unimog an eco-friendly and cost-effective alternative to a shunting locomotive.

Some 80 to 100 Unimogs with dual-mode design are delivered to railway companies around the world each year, making the legendary universal motorised working machine a fixture in this industry as well.

Source: Daimler AG



the road. The rail technology comes from Zagro and consists, among other things, of a railway car brake system, upward-pivoting buffered couplers and a radio remote control. DB FuhrparkService GmbH took possession of the Unimog on display at the trade show; it will be operated by DB Regio Nordostbayern in Hof, Germany.

Another innovation on the Mercedes-Benz booth was a rail and grooved rail cleaning vehicle for tram operations. The newly developed rail gear from CMAR makes it possible even for the long-wheel-base Unimog to navigate very tight turning radiuses. The Unimog's hydraulic system controls 5 different work processes from lowering and pressing down the rail gear to driving a high-pressure water pump for cleaning grooved rails.

Mercedes-Benz also displayed the U 400 with rail gear and railway technology from Zagro and the XS 122 loading crane with man basket from HIAB. The Unimog

Recently introduced in Canada, Ammann asphalt pavers AFX 350 (AFW 350/AFT 350) are ideal for small to medium-sized construction sites where good maneuverability in confined areas is required. Their outstanding traction allows for operations on difficult terrain.

A comprehensive range of performance characteristics is available: wheeled or track-driven designs, a vibratory screed or a tamping/vibratory screed that can be heated with either gas or electricity, and automatic screed temperature control.

Source: Ammann Canada

New Ammann Pavers Are Ideal for Medium-Sized Construction Sites



More news of the industry on
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Brokk 100 All-Tool Carrier Launched at MINExpo 2012

Brokk AB, the world's leading manufacturer of remote controlled all-tool carrier machines, introduced the Brokk 100 to the mining industry for the first time. Ideal for narrow vein mining, the Brokk 100 can operate in the tightest, most confined spaces.

Featuring a more compact design, yet 35% greater breaking power, the all-new Brokk 100 replaces the best-selling Brokk 90 machine. The Brokk 100 enhances the company's already-extensive line of remote controlled, zero-emissions, electric driven all-tool carriers, designed for use in a variety of industries including mining and tunneling, cement and metal processing, construction and demolition, and nuclear, as well as other specialty applications.

Its compact design allows the Brokk 100 to operate in restricted

spaces. The low-profile configuration, featuring a three-piece boom design, is less than 1.2 m high, and permits access into smaller openings, while the lower center of gravity provides greater stability. The machine's improved driving capabilities mean that it can operate in the most challenging jobsites.

Though the overall design is compact, power and reach have not been sacrificed. A new load-sensing hydraulic system with improved hydraulic capacity helps generate unparalleled breaking power when paired with the included Atlas Copco SB152 breaker. Maximum horizontal reach is 3.68 m, while vertical reach is 4.29 m.



Building on its more than 30 years of experience in the engineering and manufacturing of demolition robots, Brokk designed the new Brokk 100 with the same proven abilities to take on even the most challenging limited-access projects, while also including advancements to the machine's design and components. The new machine is the first in the industry to deliver the flexibility of true 360° working performance, without compromising stability, productivity or reliability.

Electric driven machines are a great choice for confined tunnel activity. The Brokk 100 is powered by a 32 A, 20 hp electric motor, allowing safe, emissions-free operation.

Excluding attachments, the Brokk 100 weighs in at 990 kg. Recommended maximum weight of attachments such as beam manipulators, breakers, crushers, drills and shears is 150 kg. The unit features a height of only 1.16 m and width of just 0.8 m.

Additional improvements and features include upgraded cooling capacity, impact-resistant steel covers, improved rubber pads on the outriggers and LED lights with virtually unbreakable covers.

In addition to the new 100, Brokk offers 8 models, ranging in size from the Brokk 50, at just 500 kg, up to the Brokk 800, at 10 t. The company also engineers and builds custom machines with special equipment such as cameras, extended arms, side-angling devices and cable drums.

Source: Brokk AB

Operator Comfort Designed into New Ammann Pneumatic Tired Roller

The newly designed hydrostatic pneumatic tired roller AP 240 H sets the highest standards with regards to ease of operation and driveability. Automatic speed control and a gentle start/stop function deliver outstanding results every time. Its "Easy Load" ballast system makes for rapid machine weight adjustments

ranging from 10 to 24 t. The new drive concept with an integrated operation optimization system significantly reduces fuel consumption.

An automatic tire inflation system makes sure the tire pressure and surface contact are always ideal. The machine offers a large number of add-on devices such as thermal skirting, a sprinkler system and wide coco mat scrapers.

Source: Ammann Canada



Hydrodemolition Techniques Used at an Australian Mine

*John Hooper, Joem Promotions,
on behalf of Aquajet Systems AB.
Special Collaboration*

One of Australia's leading hydrodemolition specialist contractor's, HiTech Industrial Services, has removed a defective section of blade wall from a mine in Mackay, Queensland, using two Aquajet robot cutters; a method that allowed continuous working despite the proximity of a railway line that placed restrictions on conventional demolition methods.

The problem had arisen when an incorrect batch of concrete had been poured for a section of the blade wall measuring 9.3 m high by 9.3 m long and with a thickness of 1 m.

Removal of the section was necessary, but had wire sawing techniques been used the deployment of the crane would have had to be scheduled around railway shutdowns.

"Using the two Aqua Cutter robots meant that our total time on-site was just four weeks, compared with an estimated six months or more that a crane and wire saw would have required," says HiTech's operations manager Damien Turner.

HiTech – which was formed in 1991 specifically to pioneer and specialize in high pressure hydrodemolition and water jetting services – used an Aqua Cutter 710V Evolution and an Aqua Cutter HVD6000

from Sweden's leading hydrodemolition manufacturer, Aquajet Systems AB; delivered through local distributor, Adelaide-based Metco Ltd.

The 710V Evolution robot was equipped with an 11 m mast to enable it to comfortably reach the top of the wall. It has been designed for all horizontal, vertical and overhead operations, having a 3-D positioning of the front power head; giving the operator full freedom to reach all areas and to work in confined areas.

The HVD6000, which has a similar 3-D feature, was fitted with a standard 5 m mast.

"There was a 32,000 V rail line behind the site that is used to transport coal. The line is just 2 m behind the wall," says Mr. Turner. "We proposed placing an 8 mm thick steel plate behind the wall, which was supported by formwork and props, to prevent flying debris hitting the trains. It also stopped the jet from hitting the power cables.

"Apart from the speed and convenience of the removal rate using hydrodemolition techniques, the idea of the 8 mm safety shield helped us to win the contract. It was important that the trains continued working. A full trainload of coal is valued at A\$3 million (\$3 million), so it was important to ensure there were no delays."

Mr. Turner says that although HiTech was on site for 4 weeks and working or on standby 24/7, the removal of the full 86 m³ of defective concrete was achieved in just 172 blasting hours.

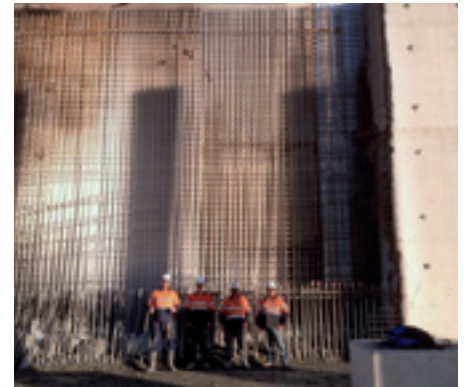
"There was a good deal of reorganizing and other work going on at the site, and so much of our time was spent on active standby," he said. "The actual work presented no unexpected problems for the Aquajet robots."

The concrete being removed was 40 MPa, with the reinforcing bars being 32 mm diameter with generally between 150 and 200 mm spacing, although in some places the spacing was only 50 mm.

Use of hydrodemolition ensured that the

rebar was not damaged in any way whilst removing the defective concrete.

Mr. Turner says that hydrodemolition in Australia is still a relatively novel concept, but that with the technique proving to be so efficient, acceptance is spreading.



BASIC PRINCIPLES OF HYDRODEMOLITION

The key element of Hydrodemolition is to pressurise and widen existing pores and micro cracks in the weakened concrete structure using high pressure water penetration.

Material is easily removed as the build up pressure exceeds the tensile strength of the damaged or weakened concrete.

In addition to the water pressure, the volume of water is also a contributing factor to the systems efficiency. The rate of removal, for example, is dependent on the amount of water directed towards the concrete surface in order to rapidly and continuously pressurise the areas being treated.

This combination of water pressure and flow together with the controlled kinetic and geometric movements of the robotic equipment creates the necessary "effect" criteria for the Hydrodemolition process; leaving sound concrete undamaged.

Research into water jet erosion has shown that the concrete resistance against water jet removal is dependent on concrete strength, method of finishing the concrete, aggregate size and the content of steel reinforcement bars.

The lower the concrete strength, the

larger the material removal rate that can be achieved due to larger penetration and pressurisation of the material.

Additionally, the higher the cement matrix strength the higher the concrete resistance.

This is due to the increased difference in the compressive strength of the construction and the penetration effect of the water jets pressure, water volume and jet movement.

SURFACE QUALITY

It is proven that Hydrodemolition produces an excellent clean surface quality. The pull-off strength, which is an important indicator of the surface structure conditions, exceeds the required 1.5 MPa (N/mm²) value with a 95% reliability.

If the surface is prepared with water jets, the interfaced zone between the remaining concrete and the new cast overlay very seldom constitutes a plane of weakness.

This compares favorably with a surface prepared with hand-held tools which results in a higher probability on interface failures at pull-off testing.

With water jet Hydrodemolition, once programmed, the jet moves rapidly and continuously over the selected area for removal. There is no percussive effect on the surface with the water jet penetrating the deteriorated concrete. Extensive investigations have proved that there is no modification of the concrete microstructure during the water jet treatment. Similarly the concrete pore structure is not affected by the water jet.

The surface geometry achieved after Hydrodemolition depends on the type and size of the aggregate. With limestone, for example, the surface is comparatively smooth and characterized by a high degree of fractured aggregate gains.

In contrast, quartzite containing concrete exhibits an uneven surface and a high

amount of undamaged aggregates.

Compared with other removal methods, Hydrodemolition generates a very large contact surface between the concrete and applied coating system.



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A Unique Tablet Computer with Integrated GNSS

Leica Geosystems announces another enhancement to the Leica Zeno GIS family. The Leica Zeno CS25 GNSS is a Tablet Computer which packs full GNSS functionality into an ergonomic and portable device with a large screen, making it the industry's most powerful GNSS/GIS handheld. The CS25 GNSS does not require a backpack or a pole mount, or any additional batteries. A compact L1/L2 antenna is attached on the CS25 GNSS. For high accuracy data collection, it can connect with an external GNSS Antenna mounted on a pole.

The rugged Leica CS25 GNSS integrates an upgradable GNSS board and an attachable Helix Antenna. The new handheld rover is designed to uniquely combine the power of high-accuracy GNSS with the benefit of a large screen tablet and the Windows 7 environment. With its large display, the Leica CS25 GNSS is designed to make it easy to read and operate,

even in brightest sunlight. The CS25 GNSS provides accurate and reliable results to deliver higher productivity for field crews.

GIS Business Development manager Mauricio Jaimes comments, "Our customers can scale the CS25 GNSS to fit any accuracy needs, by offering a range of options, including meter, sub-meter or sub-decimeter accuracy all through a simple license model. They can also connect an external antenna to the CS25 GNSS to achieve cm accuracy. This flexibility, combined with the choice of Leica Zeno Field, Leica MobileMatriX or 3rd party partner software, offers versatile solutions to provide the right fit for any GIS data collection job."

The direct integration of GNSS into a tablet computer gives users full flexibility



for efficient field data capture and many benefits.

The CS25 GNSS provides an all-day battery life and IP65 rating, to ensure reliable operation, even after continued work in extreme environments with continuous exposure to water and dust. It is designed to be easily held in one hand and provides the largest GNSS data collection screen on the market.

Source: Leica Geosystems

There's an App for Bricks Too...

Hanson Brick, in partnership with Apposophy, announces the Canadian launch of the My Hanson Brick mobile application for the iPad and iPhone. My Hanson Brick is available for download via the Apple Store and is designed to help builders, distributors, architects and homeowners with their brick cladding needs. Users will be able to browse entire product lines, create their own virtual brick showrooms, capture project details, access technical information and find addresses where they can view a particular brick style used on buildings.

"This application is all about helping our customers reduce the amount of time they put into the research and guesswork needed to make one of the most important design decisions involved in their project," said Charlie Ward, senior vice president and general manager of Hanson Brick. "We want to help our custom-

ers make the right brick choice faster and with as much information as we can bring to their finger tips while they are on the go."

The application developers could not agree more with the inventive approach Hanson wanted to take. "Our aim was to identify the uneconomical aspects in the way brick information was being exchanged among the whole spectrum of users," said Shai Cohen, the head of technology at Apposophy. "We wanted to create a platform that would transform the print catalogs into an interactive space in which Hanson could speed up communication and allow users to personalize to their needs."

With the creation of this innovative platform, vice president and general manager of Hanson Brick North Region, Leo Steffler,

believes the application also supports Hanson's vision of sustainability.

"Right now in the Canadian market building with sustainable products and using green methods is a high priority" Mr. Steffler said. "With this app, the resources and energy used for selecting and ordering product can be significantly reduced and our clients will have more information about the sustainability of our products at their fingertips."

The App allows users to: access basic information about Hanson Brick products, search collections by regional availability and color, locate addresses where specific brick styles are being used, and view photos of completed projects using particular brick styles, among other things.

Source: Hanson Brick



New Adhesive Revolutionizes Cold Bonding in Conveyor Technology

Increased reliability and safety despite simplified application is promised by the new adhesive Conti Secur® Premium, which is used for a variety of different cold bondings on conveyor belts. As it only has a single component instead of the usual two, it is ready for immediate use and guarantees a long service life.

"In heavy industry applications, we normally use two-component adhesives. Conti Secur® Premium is an innovative new product that requires just one component," explains Wolfgang Kerwel, application engineer at the ContiTech Conveyor Belt Group in Northeim. He was the one who originally had the idea for the single-component adhesive, and has worked together with adhesive specialist H.B. Fuller Company to develop a marketable product that is now manufactured exclusively for ContiTech. Conti Secur® Premium has been available since October 15, 2012, in 800 ml containers. It can be used universally in the

same way as Conti Secur® BFA.

For users, the one-component adhesive based on polychloroprene offers two main advantages – firstly in terms of metering, secondly in terms of application and handling. As there is no need for a reinforcement solution, there is no risk of mistakes being made during metering. Furthermore, every last drop of Conti Secur® Premium can be used, without the adhesive vulcanizing in the container within a short time, which makes the adhesive particularly cost-effective.


Conti Secur® Premium can be used in a range of different applications, including rubber-to-rubber bonds and rubber-to-metal bondings, as well as for cold splicing of fabric ply belts.

Another advantage over two-component adhesives is the reduced packaging volume thanks to the omission of reinforcement solution. This reduces costs both during dispatch and in storage, not to




mention during waste disposal.

Source: ContiTech AG



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Selix Makes Inroads with Mc Drill in the GTA

Selix Equipment Inc. is very pleased with the acceptance of the Mc Drill Technology's product line into Eastern Canada and the confidence shown by its customers like Rumble Foundations (Ontario) Limited.

Pictured here, is the Mc Drill Technology MDT 230B working at another quality project undertaken by the Rumble team at Tridel's Argento condo project in Toronto. This unit increases Rumble Foundation's fleet to 6 drill rigs performing work in the greater Toronto area (GTA).

Selix was appointed the Mc Drill distributor for Eastern Canada less than a year ago. Since then, the company has already delivered three rigs to customers in Ontario and Quebec, and there is a fourth on its way. This will soon bring to seven the total number of MDT units in the area. In addition, Selix is very pleased to announce that it has received an order for a MDT CMV TH 26 self-erecting piling rig due for delivery early in the new year. This unit, with an operating weight of over 79 t,

is capable of drilling (with Kelly Bar application) 2,500 mm holes up to 64 m in depth.

Selix has established the goal of becoming a respected supplier of all the drillings needs for the Canadian geotechnical industry. With products from respected manufacturers such as the Mc Drill Technology drill line-up, the Carandina drilling tools and Sandvik rock drilling products, Selix can supply everything the industry needs.



Mc Drill has recently added to its line of



drills the MDT 60B, a powerful yet compact drill for heavy site works. The 60B is highly productive, can work in reduced space conditions and carries a very attractive price. At the other end of the spectrum is the large MDT 300V an extremely powerful drill designed for excellent maneuverability, reliability, productivity and safety for the operator and other site personnel.

The Selix/Mc Drill/Carandina team is made up of individuals that each has over 20 years of hands-on experience in the industry with the know-how to work with you to maximize productivity and help solve problems.

Source: Selix Equipment Inc.



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Living Wall System that Does More than Look Beautiful

Cascadia Green Wall Systems, a wholly-owned subsidiary of Denbow Ltd, has announced the release of a unique living wall product. The Cascadia Green Wall System is designed not only as a vertical garden, but also to provide a structural function.



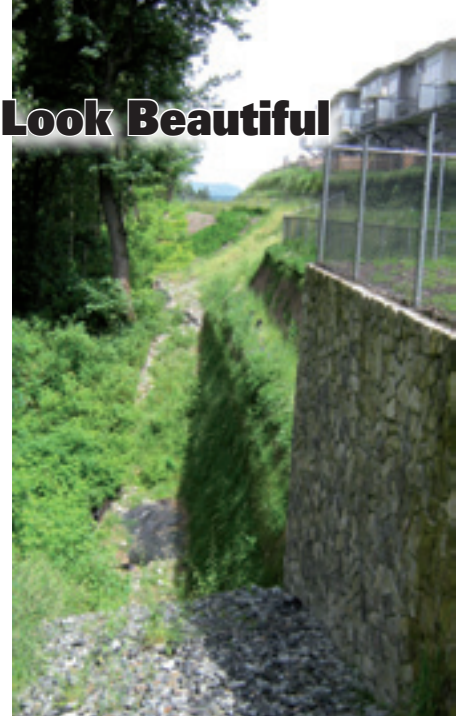
"Cascadia is designed first-and-foremost to be an engineered retaining wall product, that engineers can feel confident in using", says David Adkins, project consultant.

"Traditionally, retaining walls are barren-looking concrete block monoliths that don't blend well into the landscape. The Cascadia Green Wall System changes that. Now landscape architects and civic planners can use this system as a means to extending their canvas vertically in public spaces and highly visible locations."

Despite the formal release of the system last October, Denbow has actually been developing

and installing earlier versions of it for several years - refining and improving it along the way.

"We see Cascadia having excellent use



locally. The climate and geography in this region demand innovative solutions like this to handle erosion, severe slopes, and public expectation to maintain our green landscape. Cascadia does all three," adds Cascadia president, Bill Boesterd.

Source: Cascadia Green Wall System



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CREE Leading a Renaissance of Tall Wood Buildings

In Prince George, BC a race is on to win the honor of designing the proposed Wood Innovation & Design Centre. One of the project's semi-finalists is CREE, an emerging leader in tall commercial buildings made almost entirely out of wood. The company has partnered with Maple Reinders of Canada to bring their innovative timber/concrete hybrid technology to Prince George.

CREE's green building technology, called the LifeCycle Tower (LCT) system, enables architects to design stunning tall wood buildings up to 30 stories, and erect them as quickly as a story a day. Compared to reinforced concrete and steel construction,



of the largest tall timber commercial buildings in Europe.

The CREE LifeCycle Tower is a building system which uses prefabricated components manufactured to an architect's exact specifications. The wall facades are made from glue-laminate posts, while the floor slabs are constructed from a hybrid of glue-laminate posts and concrete. While these components are manufactured off-site, the foundation of a building is laid and the structural elevator shaft core is erected. This core, made out of either steel and concrete or wood, stiffens the building and provides a frame from which the prefab walls and floors hang. The slabs and posts are assembled by interconnecting the preset pins and holes of the components. With this skeleton structure, architects can design a wide variety of layouts and exterior skins, to create dramatic and sustainable buildings.

"Often people think that a systems approach to building construction hinders architectural design, and leads to modular, boxy, uninspired buildings," said Nabih Tahan, chief sustainable officer of CREE Buildings a North American division of CREE GmbH. "However, the CREE LCT system involves only the components of the building structure. This allows for outstanding architectural freedom on the look and feel of the build-

ing. Our LifeCycle Tower ONE and the IZM Montafon building look completely



the slab and post system takes advantage of engineered timber products and requires 50% shorter construction times, and 39% fewer resources, over the life of a building. Research shows the LCT system can also substantially reduce the amount of concrete used in building construction, resulting in a lighter structure, with a smaller foundation and up to 90% lower CO₂ emissions.

CREE's first building is its global headquarters in Dornbirn, Austria called the LCT ONE. The eight-story passive house pilot was erected in 8 days after the foundation was finished. 53 km away, is the company's second building currently under construction. The IZM Montafon is CREE's first commissioned project and is set to be one



different, yet they are built from the same basic components."

Source: CREE Buildings

Revamped Lineup of TireHand® Tire Manipulators

Iowa Mold Tooling Co. Inc. (IMT), an Oshkosh Corporation company, is pleased to introduce a new and improved line-up of TireHand® tire manipulators that enable customers to efficiently and safely install and rotate the massive tires on mining and construction equipment. IMT has added 2 new TireHand models and redesigned previous offerings to meet customer needs for more capacity options, increased productivity and improved operator safety.

Available in loader or forklift-mounted options, the rugged IMT TireHand tire manipulator line-up provides maximum capacities ranging from 2,495 kg to an industry-leading 16,329 kg. Important new features of the line-up include extended capacity, optimized design and standard hydraulic fallback protection.

"Since introducing our first TireHand tire manipulators in the early 1970s, IMT has been committed to meeting the evolving tire-handling needs of our mining and construction customers," said John Field,

product manager of material handling at IMT. "The newly revamped TireHand line-up enables our customers to perform big tire-changing jobs more efficiently and safely than ever in demanding environments."

The new IMT TireHand line-up offers integrated fallback protection arms that are hydraulically controlled, making them easier to use and operate than their mechanical predecessors. TireHand fallback arms provide an additional layer of operator safety. The tire technician can activate the hydraulic fallback protection feature from the control panel or a remote control. If the tire is freed from the TireHand pads, the tire will fall against the fallback protection arms, leaving a path for the operator to exit without injury.



TireHand tire manipulators offer lateral shifting capability and optional quick-coupler attachments. Additional options for the new and improved line-up include new fully proportional controls offering improved control of operating speed and a mounted camera for increased operator visibility.

IMT supports the mining and construction industries, not only with TireHand tire manipulators, but also with industry-leading Dominator® mechanics trucks, SiteStar® lube trucks and lube skids, air compressors and other unique devices.

Source: Oshkosh Corporation

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Bobcat Launches New Mid-Size Skid Steer Loaders

Bobcat Company has introduced the 500 frame-size skid steer and compact track loaders. The 7 new machines include the S510, S530, S550, S570 and S590 skid-steer loaders, and the T550 and T590 compact track loaders. The S510, S550 and T550 feature a radius lift path, providing operators the reach and visibility they require for dumping over a wall, backfilling or loading flatbed trucks. The S530, S570, S590 and T590 models feature a vertical lift path, providing operators the ability to lift heavier loads higher, making it easier to clear high-sided truck boxes and hoppers, as well as placing pallets loaded with heavy material. The M-Series vertical lift path machines feature an increased lift height over the equivalent K-Series models.

The 500 frame-size loaders feature a unique cab-forward design that not only gives the machines a different look, but also moves the operator closer to the attachment and provides unmatched visibility in all directions.

The new loaders tout the largest cab door opening on the market. The cab door threshold has been lowered and the overall surface of the door has increased more than 40% to provide improved visibility and make it easier for operators to enter and exit the cab.

The height of the cab has been increased, providing additional headroom, while still keeping the overall machine size small enough to operate in tight spaces. The larger top window makes it easier and more comfortable for the operator to see an attachment with the lift arms raised, an advantage when loading trucks or performing other tasks.

The auxiliary hydraulic quick couplers are mounted directly to the front plate of the lift arm to provide a solid mounting, and hoses are routed through the loader arms for better protection.



Operators have the choice between standard foot pedal hydraulic controls, the Advanced Control System (ACS) or the Selectable Joystick Controls (SJC). The standard foot pedals control the lift and tilt through mechanical linkage. The optional ACS lets the loader operator use a dash-mounted switch to instantly select between advanced hand control or advanced foot control of lift and tilt functions. The low effort control levers of the optional SJC can be operated in the ISO or H pattern. These handles move up and down in conjunction with the seat to reduce arm movement and operator fatigue. The joystick mounts also slide forward or backward to adjust to the preference of each individual operator.

The 500 frame-size loaders will have increased hydraulic performance over their K-Series equivalents, enabling them to efficiently accomplish more work. The hydraulic systems on M-Series loaders have been engineered for higher standard flow and pressure, which gives attachments more power to work more quickly. Size, horsepower and displacement are matched to the loader's rated operating capacity, balance and weight – producing a loader that can outperform higher-horsepower machines.

The skid-steer models offer a two-speed option which boosts the maximum travel speed from 11.9 km/h in low range to 17.7 km/h in high range, reducing the time it takes to cross a large farm or acreage. The hydraulic bucket positioning option keeps the loader bucket level as the lift arms travel upward, enabling operators to spill less and work faster.

The optional deluxe instrumentation panel, available only on M-Series loaders, intelligently monitors key loader functions, and features a keyless start that helps prevent theft. The full-color LCD screen offers better readability and interaction.

Source: Bobcat Company

Mini Skid Steers Blazing Trails for Mountain Biking Enthusiasts

Vermeer has announced a new alliance with the International Mountain Bicycling Association (IMBA), in which Vermeer will be the exclusive provider of mini skid steers to the association, and will serve as the recommended equipment provider to IMBA affiliates.

IMBA is a nonprofit educational association founded in 1988 whose mission is to create, enhance and preserve great mountain biking experiences. IMBA has a worldwide network of more than 35,000 individual members, 160 corporate partners and 600 retail businesses in North America, South America, Europe, Australia and many Asian nations.

Using its vast network of partners, IMBA travels around the world spearheading the development of trails. The alliance with Vermeer will be limited to North America initially, but could reach worldwide as soon as 2013. The benefit for IMBA members is access to equipment that IMBA has already tested on projects and recommends for the specific application of trail building.

The agreement also allows IMBA affiliates to leverage their buying power if they choose to invest in Vermeer equipment.

Source: Vermeer Corporation



Appointments

Justin Edwards joins Husqvarna as the district manager for Ontario, excluding Ottawa. He will be handling both construction and stone industry accounts.

Mr. Edwards has 5 years of construction field-related experience. He was previously an account manager for Canada's largest manufacturer of diamond and specialty products. He will be a great addition to the team!

Source: Husqvarna Construction Products Canada



Automatic Lubrication Systems specialist **FLO Components Ltd.** is pleased to announce the appointment of **Marc Savage** as territory sales manager – Sudbury, as it continues to expand its resources to better serve mining, construction, road building, aggregate and trucking companies in the Nickel Belt.

Commenting on the new appointment, Steve Matheson, Sales Manager of FLO Components said: "We are delighted to have Mark join our team. After many years in the industry, FLO has a well established reputation for providing timely and reliable technical support. Marc's proven track record for critical thinking and problem solving as well as his highly organized and dedicated work ethic and positive attitude, makes him uniquely suited for providing the kind of technical and sales support our customers have come to expect. Marc will work with our key partners in the industry developing lubrication solutions that take away their equipment breakdown-related pain and increase machine uptime and profitability."

A resident and native of Sudbury, Mr. Savage studied Business Administration at Cambrian College. His previous experience over the last 15 years includes various Finance, Management and Sales positions in the finance and automotive industries in Sudbury. Marc Savage is looking forward to providing local availability of technical support to our customers while helping "Meet their Needs Better"!

Source: FLO Components Ltd.



Delivery of a Link-Belt Crane in Eureka, Nunavut



During the week of October 8, 2012, Patrick Lapointe, manager, Business Development for Montreal-based F. Drapeau Consultants and Bob Bellman, a Link-Belt trainer, were in Eureka, Nunavut. The purpose of their trip to the high Arctic was to set up, deliver, and conduct training on a Link-Belt RTC-8030II.

Eureka is a Canadian weather station with the responsibility of collecting weather data for the high Arctic region. It is located at the 80th parallel, north, in Nunavut territory.

The RTC-8030II is a 27.2 t (30 ton) Rough Terrain crane that will be used by the weather station to off-load the annual supply ship that arrives at the station in mid-summer. The supply ship provides the station with heavy durable goods that are too large to be loaded on the monthly supply flights to the station. The crane with its 27.8 m (91'4") four section boom, can also be used for any high lifting required at the weather station site.

The counterweight was installed onto the machine, all crane functions were tested and training was conducted for the operators and mechanics on the site.

Special emphasis was given to the crane's computer system which provides the crane operator with a continuous read-out of the boom length, boom angle and radius. It lists a capacity and accurately weighs the load on the hook. It has an overload protection and anti two-block protection feature.

All this was done in a climate where the temperatures ranged from -15°C to -26°C and with reduced daylight.

This crane is believed to be the Northernmost operating crane in the world!!

Source: F. Drapeau Consultants

Job Opening

The Ottawa office of **Selix Equipment Inc.** is seeking an experienced order-desk/parts manager to work in a fast paced environment.

Candidates must be energetic, bilingual, have Microsoft Office and Simply Accounting computer skills, be a self-motivated individual with customer service in mind. Some lifting required due to the nature of the industry, fork lift operator training/certificate would be an asset.

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Agenda

32nd Annual Canadian Pool & Spa Conference & Expo
November 26 - 29, 2012
Exhibits: November 28 - 29, 2012
Niagara Falls, ON Canada

Bauma China 2012
November 27 - 30, 2012
Shanghai, China

Ecobuild America
December 3 - 7, 2012
Washington, DC USA

Baghdad International Development & Housing Exhibition
December 10 - 13, 2012
Baghdad, Iraq

Landscape Ontario - Congress
January 8 - 10, 2013
Toronto, ON Canada

World of Concrete 2013
Exhibits: February 5 - 8, 2013 | Seminars: February 4 - 8, 2013
Las Vegas, NV USA

BAUMA CONEXPO SHOW - bC India
February 5 - 8, 2013
Mumbai, India

NASTT's No-Dig Show
March 3 - 7, 2013
Sacramento, CA USA

2013 World of Asphalt Show & Conference and AGG1
March 19 - 21, 2013
San Antonio, TX USA

Brazil Road Expo 2013
March 19 - 21, 2013
São Paulo, Brazil

48th AQTR Annual Convention
March 25 - 27, 2013
Montreal, QC Canada

bauma 2013
April 15 - 21, 2013
Munich, Germany

National Heavy Equipment Show
April 18 - 19, 2013
Mississauga, ON Canada

WASSER BERLIN INTERNATIONAL
April 23 - 26, 2013
Berlin, Germany

Canada North Resources Expo
May 31 - June 1, 2013
Prince George, BC Canada

bauma Africa 2013
September 18 - 21, 2013
Johannesburg, South Africa

International Construction and Utility Equipment Exposition (ICUEE)
October 1 - 3, 2013
Louisville, KY USA

MS AFRICA & MIDDLE EAST, The International Trade Fair for Stone Design, Technology, Earthmoving and Building Machinery
December 9 - 13, 2013
Cairo, Egypt

Asphaltica in Verona / Samoter
February 27 - March 2, 2014
Verona, Italy

CONEXPO-CON/AGG and IFPE exhibitions
March 4 - 8, 2014
Las Vegas, NV USA

Journée Expo-Bitume
April 3, 2014
Saint-Hyacinthe, QC Canada

SMOPyC 2014 International Show of Public Works, Construction And Mining Machinery
April 1 - 5, 2014
Zaragoza, Spain

APEX 2014
June 24 - 26, 2014
Amsterdam, the Netherlands



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Atlas Copco's new Construction Service Division now operational

In mid-2011 Atlas Copco announced the creation of a dedicated service division for its newly formed Construction Equipment business unit. Atlas Copco Construction Equipment Canada recently announced that the new division is now operational, and supplied more details about the structure and resources of the division in Canada.

According to the company, the Construction Service Division is a more focused service organization supporting the construction, demolition and road construction industries. It is believed that this focus will allow Atlas Copco's Construction Service Division to be more responsive, agile and customer-centric.

In addition to a 24-hour tech support hotline and the main warehouse in Mississauga, the Construction Service Division maintains service shops in Milton, Ontario; St-Leonard, Quebec; and Edmonton, Alberta. All offer refurbishment, repair service and field service, and are staffed with factory trained technicians.

The new division also offers service training to customers and dealers.

Source: Atlas Copco Construction Equipment, Canada

World of Asphalt & AGG1

The 2013 World of Asphalt and AGG1 expositions have both already achieved record size with the shows 5 months away, and are on track to be sold out by opening day. The co-located shows cover more than 10,850 m² of exhibit space. Attendees will find the newest products and technologies on the show floor for the aggregates, asphalt, pavement maintenance and traffic safety sectors.

AGG1 Aggregates Academy & Expo and World of Asphalt Show & Conference will be held March 19 - 21, 2013 in San Antonio, Texas at the Henry B. Gonzalez Convention Center.

"We have a solid track record of quality shows with a focus on maximum ROI for exhibitors and attendees, and industry support has been key to our success," stated show manager Rich Prausa.

More than 25 industry-related organizations are official supporters of World of Asphalt and AGG1, and several industry groups are co-locating meetings and events at the shows. Both shows are industry-owned and operated.

Attendees will have convenient access to leading industry education programs. New for 2013 is a first-ever conference specifically focused on issues of environment, health, and safety (EH&S) at the asphalt plant and paving site: "Beyond Compliance: Achieving EH&S Excellence". Education also includes the AGG1 Academy and People, Plants and Paving Training Sessions.

Advance registration is open, with 40% savings on badge fees. Attendees can also take advantage of early-bird pricing through December 31, 2012 to receive extra discounts on education sessions and seminars.

Source: Association of Equipment Manufacturers

Asphaltica Travels to Verona

The Verona Exhibition Centre has signed an important collaboration agreement with Siteb whereby as of 2014 Asphaltica, the exhibition of equipment and technologies related to road safety and to the asphalt industry will be held in Verona. Siteb is the Italian association for road works and infrastructures that represents and groups about 300 members (sector companies, public administrations and other professionals) involved in road design, construction, control and maintenance.

The exhibition is the most important appointment in Italy for road operators and focuses major attention on topics such as road safety and environmental protection.

Italy, with an inter-city road network of more than 480,000 km, is the second largest producer of asphalt in Europe. The sector provides around 500,000 jobs in fields such as construction, the petroleum industry, mechanical engineering, chemicals and services.

The first edition of Asphaltica in Verona is scheduled February 27 - March 2, 2014, alongside Samoter, the Triennial International Earth Moving and Building Machinery Exhibition – the main appointment in the construction field that brings together the most important world producers and operators in the plant and machinery field, as well as institutions and trade associations.

This simultaneous scheduling comes into being with the objective of qualifying Asphaltica as the European landmark for the entire value chain, through reliance on the Samoter's important status and impressive international visibility (the last edition of the exhibition attracted 100,000 operators).

The important agreement between VeronaFiere and Siteb will help Asphaltica develop new and effective synergies for growth thanks to VeronaFiere's track record as a leader in the direct organization of exhibition events and long-term collaboration with Siteb within the scope of Samoter.

Source: VeronaFiere

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