CONSTRUCTION - PUBLIC WORKS - NATURAL RESOURCES

Volume 13 · Number 9 · October 2008 · English Edition

GEND



High capacity LARUE D55 & D65 de-tachable loader-mounted, 300 hp or 350 hp, telescopic loading chute.

Put the Larue advantage to work for you

The Professionals Choice For Specialized Equipment



LARUE T60 self-propelled, hydrostatic drive, Cat 375 hp engine, ribbon or dual suger configuration, available all wheel steer and telescopic chute.



LARUE 7480 dual engines, 775 HP, 4,400 tons/hour capacity, all wheel drive, available with the Larue A.R.S. (automatic rear steering all wheel streaders surface) steering system).



LARUE 7060 single engine 550 HP, hydrostatic drive, 4,000 tons/hour ca-pacity, available with the Lanue A.R.S. (automatic rear steering all wheel steering system).







Distributor of products for Ontario, Quebec and the Maritimes





MONCTON • QUEBEC • MONTREAL • LAVAL • TORONTO

Head Office • 680 Lenoir Street, Quebec City (Quebec) • Fax: (418) 658-6799 Toronto: 3320 American Drive, Mississauga (Ontario) 1418.1 Phone: (905) 673-3013 • Fax: (905) 673-3015

SALES · SERVICE · RENTALS · FINANCING AVAILABLE



LeeBoy \$\$16,25,000 b: class \$' to 16' paver Curamins 120HP engine, Legend"* screed system with 10% slope on extensions, variable speed 14" cast segmented augers, patientist under auger cut-offs.



Rosco Challenger III Heavy-Duty broom for the most demanding jobs. Quick change brush core (less than 5 minutes to change, 60 hp Cat power, hydrostatic drive, R.O.P.S. pressurized air conditioned cab.

hizenner 200 choes hemm EDID olel affer an Lee Boy 780 D

LeeBoy 785 Grader All-gear Dana tandem drive, 130 HP Cummins engine, 25,300 bs sizild weight, 6 speed forward /3 speed reverse powershift transmission, 12 tootsilding moldboard, articulated frame 40P

Emergency Parts-Service 24/7 • www.jalarue.com

ntrastructures

Volume 13 Number 9 October 2008

EDITOR / PUBLISHER Jean-François Villard editor@infrastructures.com

CONTRIBUTING EDITOR Rob Holden

ADVERTISING SALES MONTREAL (514) 233-1295 montreal@infrastructures.com TORONTO Jean-Philippe Charron Julie Turcotte (416) 795-1295 toronto@infrastructures.com

TELEPHONE (514) 233-1295 (613) 862-1295 FAX: (514) 528-9932

MAILING ADDRESS 4330 Saint-Hubert Street Montreal (Quebec) H2J 2W7

E-Mail editor@infrastructures.com

INTERNET www.infrastructures.com

InfraStructures is circulated free of charge to qualified users of heavy machinery and specialized equipment in construction, public works, and natural resources across Canada in both French and English.

in both French and English. The cost of a subscription for either edition for one year is \$20 for Canadian residents and US\$50 or $\mathfrak{G}0$ for U.S. and overseas.

The content of InfraStructures is available for consultation on the website www.infrastructures.com. It may not be reproduced or transmitted in any form, either in part or in full, without the written consent of the copyright owner.

LEGAL DEPOSIT Bibliothèque Nationale du Québec, 2008

DISTRIBUTED BY CANADA POST Publications Mail Agreement #40052183

A Brief Word...

Well, with Thanksgiving upon us, it seems a good time to be thankful for the year behind us. A weak U.S. dollar has meant a bounty for manufacturers, dealers and equipment buyers. However, as the season winds down so will some of that good fortune as steel and fuel prices erode the exchange advantage many have benefited from.

It is not however, all doom and gloom, and service-oriented contractors will no doubt enjoy a fruitful, if cautious year ahead. Winter maintenance is still a MUST DO, and fluctuating oil prices and a tightening money supply will see infrastructure upkeep projects, like pavement maintenance, blossom.

It is a transitory time upon which we embark and InfraStructures is there to inform your decision-making. With the latest in tools, techniques and trends we will enlighten our readers, as is characteristic of our content over the years. Our ability to bring you news of innovations and emergent technologies from around the world through participation in global showcases and local gatherings of the equipment industry makes us Canada's leading publication. In the coming months you will see us at World of Asphalt, Intermat, EXPO Grand Travaux, National Heavy Equipment Show, as well as at numerous local events. Regardless if you can attend, InfraStructures will report back on what you need to know.

So, as Halloween approaches don't cower or fear the unknown, let InfraStructures illuminate your path so you can lead your company and employees into a rewarding future. Our loyal readers need not fear the Boogeyman!

110



On the cover:

a LeeBoy paver equipped with the Legend Electric Screed System. This proven heating system had previously been available only on larger pavers. Over the last few years, it has gained in popularity among users of commercial class pavers because of the consistent temperature control it provides over the width of the screed.

LeeBoy pavers are sold in Eastern Canada by J.A. Larue Inc.

DOOSAN ACQUIRES MOXY TRUCKS

On August 18, Doosan Infracore reported that DIEU, its European subsidiary, signed a contract for taking over Moxy Engineering AS, a Norwegian business specializing in the production of articulated dump trucks, for €55 million (\$83 million) in connection with its bid to make a foray into the large-sized mining equipment market amid the expansion of the world heavy construction equipment market. The world market for articulated dump trucks has grown by an average of 18% over the past 3 years thanks to brisker development of mines following the jump in raw material prices. In 2007, the world market for for these machines stood at \$3,2 billion.

Doosan Infracore plans to expand the sales of Moxy trucks utilizing its network of 300-plus dealers in China, Europe and North America.

Source: Doosan Infracore

MANUFACTURER SNOW REMOVAL EQUIPMENT & ATTACHMENTS FOR HEAVY MACHINERY

INTERNET : www.edfltd.com

E-MAIL : info@edfltd.com

BUCKETS FOR LOADERS & EXCAVATORS

QUICK-ATTACH FOR LOADERS & EXCAVATORS

MATERIAL HANDLING FORKS FOR LOADERS



GEHL COMPANY TO BE ACQUIRED BY MANITOU

Gehl Company announced recently that it had signed a definitive agreement to be acquired for \$30 per share by its largest shareholder, Manitou BF S.A., a manufacturer and distributor of material handling equipment headquartered in France – Manitou currently owns approximately 14,40% of the Company's outstanding stock.

The transaction, with an aggregate enterprise value of approximately \$450 million, will be effected through a tender offer for all outstanding shares of Gehl by a Manitou subsidiary, Tenedor Corporation, followed by a second step, cash-out merger. The all-cash \$30 per share purchase price reflects a 120% premium over the closing price of Gehl Company's shares on September 5, 2008. It is expected that the current management team will be retained following the transaction.

William D. Gehl, chairman and CEO, commented, "We are pleased to announce the next step in the evolution of Gehl Company toward becoming a more significant player in the global compact equipment marketplace. The combination of Gehl Company and Manitou offers a substantial value to our shareholders today while affording our dealers and employees with future opportunities for continued success."

Source: Gehl Company Manitou BF S.A.

KOHLER CO. ACQUIRES UK-BASED UPS SERVICE COMPANY

Kohler Co.'s Global Power Group has acquired Uninterruptible Power Supplies Ltd. – a leading UPS (uninterruptible power supply) system and service provider for the United Kingdom – from management and from Barclays Ventures, the leading lower mid-market private equity house.

Based in Berkshire, England and founded in 1996, Uninterruptible Power Supplies Ltd. provides its customers with a wide array of UPS services, including full pre-sale, installation and commissioning services, flexible maintenance contracts, remote monitoring, and battery care and replacement. Uninterruptible power supply devices – commonly referred to as UPS systems – provide instantaneous, no-break battery backup power when utility power fails or drops to an unacceptable voltage level. Small UPS systems can provide power for a few minutes while larger systems have enough battery capacity to provide several hours of emergency power. UPS systems typically provide interim power as a bridge to utility power restoration or until a standby electrical generator system takes over. UPS systems are most popular in support of "mission critical" applications, including hospitals, telecommunications, financial services companies, government facilities, data centers, public utilities, and manufacturing.

Uninterruptible Power Supplies Ltd. will become part of the Kohler Power Systems business, which manufactures generator sets up to 2800 kW, automatic transfer switches, controls, switchgear and generator packaging options.

Uninterruptible Power Supplies Ltd. cofounder and managing director, David Bond, will continue to lead the company and report to Mr. Fotsch. Mr. Bond is author of "The UPS Handbook," the highly regarded guide to understanding, designing and implementing UPS and power protection systems.

Source: Kohler Power Systems

SHELL AND THE HDDC SPONSORS OF THE HEAVY DUTY TECHNICIAN SCHOLARSHIP

Shell Canada and the Heavy Duty Distributor Council of Canada (HDDC) are teaming up to help address the shortage of technical workers in the trucking industry by offering the Heavy Duty Technician Scholarship. The intent is to provide financial assistance to Canadian students in a transport-related program to support the next generation of skilled workers.

Shell and the HDDC, a non-profit corporation serving the heavy-duty after market, will provide six regional scholarships of \$2,000 each. Students enrolled full-time and in their last year in a program or an apprenticeship relating to the field of Heavy Duty equipment, focusing in Road Transport are eligible to apply for the Heavy Duty Technician Scholarship. The recipients will be chosen based on their academic merit, financial need and their commitment to contributing to the future success of the trucking industry.

"Shell is helping today's students keep tomorrow's fleet on the road," said Mark Reed, director of Marketing, Shell Lubricants Canada. "The scholarship is the only one of its kind in the Canadian transport industry, and we are excited that it has doubled this year to \$2000 to assist in offsetting the financial challenge students face pursuing a career in road transport."

Source: Shell Canada

AECON AWARDED CONTRACT AT DALHOU-SIE UNIVERSITY

Aecon Group Inc. announced recently that its Atlantic Buildings Division has been awarded a Construction Management contract for the new \$27 million Academic Building at Dalhousie University in Halifax.

The project involves the demolition of the existing tower structure and a church hall on the site of the new building, and the subsequent construction of a 9661 m² Academic

Building. The project is a LEED (Leadership in Energy and Environmental Design) Silver targeted project. The new building will be four floors above ground, plus a penthouse, and a below ground basement level with storage and mechanical and electrical rooms. The new Academic Building will also include an atrium to separate the classroom wing from the Faculty office spaces.

Phase one of the project, which was delivered under a separate contract, involved the

BEST RUBBER TRACKS IN CANADA

TECHNOLOGY AT ITS BEST WITH ONE OF THE LARGEST MANUFACTURING COMPANY IN THE WORLD LARGEST AVAILABILITY IN CANADA & SAME DAY SHIPPING

4 affiliated warehouses & toll free numbers:

MONTREAL, QC: 1-877-332-1879 ST-HYACINTHE, QC: 1-800-363-0115 SHERBROOKE, QC: 1-877-888-3555 QUEBEC City, QC: 1-800-517-4497

> Want to become a distributor in your tentitory or you are an OEM dealer? Call Mr. Sylvain Auger at 450-888-0880

WHY PAY MORE?#1 in CANADA

InfraStructures *English Edition* October 2008 – page 5

demolition of the existing structures and has already been fully completed. The expected completion date for the construction of the new building is June 2010.

Source: Aecon Group Inc.

AECON AWARDED CONTRACT FOR RECON-STRUCTION OF SMITHS FALLS HOSPITAL

Aecon Group Inc. announced recently that its Buildings Division has been awarded a contract totaling approximately \$31,5 million for the re-development of the Perth and Smiths Falls District Hospital in Smiths Falls, Ontario.

Under the contract, Aecon will build a new 5388 m² multi-level wing addition to the hospital. Also included in the project is the renovation of 6500 m² of the existing hospital structure, and the reconfiguration of the exterior parking area. The project will be completed in three phases, with work having begun in September 2008, and a scheduled completion date of December 2010.

Source: Aecon Group Inc.

NEW RELEASE OF BENTLEY'S SEWERCAD

Bentley Systems, Incorporated recently announced the release of SewerCAD V8 XM Edition, a powerful tool for sewer design and rehabilitation. SewerCAD V8 XM provides innovative modeling tools featuring an easyto-use interface and advanced capabilities that enable engineers from municipalities, utilities, and consulting firms to get the most value from their capital improvement funds. The new tools help engineers cost-effectively evaluate capacity, size pipes, select pumps, and identify the locations of potential overflows, and are particularly well suited for systems that are a mix of gravity and pressure flow. Included in SewerCAD V8 XM's many new capabilities are advanced thematic mapping, configurable element symbology, and improved utilities that allow users to quickly convert and integrate data from CAD, GIS, and other data stores. The latter means that users do not have to recreate existing CAD or GIS data, saving them substantial time on complex projects and enhancing their ability to support owner-operators using a variety of data sources.

The constraint-based design features in SewerCAD enable modelers to automatically design gravity piping and structures. They allow users to specify elements to be designed, from a single pipe size to the entire system, by simply entering the design restrictions, including minimum and maximum velocities, covers and slopes; pipe and manhole matching offsets; and allow or disallow drop structures. SewerCAD will automatically determine cost-effective pipe sizes and invert elevations, eliminating unnecessary pipe trench excavation.

Source: Bentley Systems, Incorporated

CTZOOM TECHNOLOGIES BECOMES CANADA'S FIRST PACP SOFTWARE VENDOR CERTIFIED BY NASSCO

CTZoom Technologies Inc. has become the first Canadian vendor to provide sewer system assessment software that complies with the requirements of the Pipe Assessment Certification Program (PACP), the standard for engineers, inspection firms and municipal managers looking to compile, analyze, compare and manage CCTV inspection data. The database in CTZoom's leading-edge CTSpec Sewer solution has been PACP-certified by the U.S.-based National Association of Sewer Services Companies (NASSCO).

With PACP protocols now integrated into CTSpec Sewer software, Canadian munici-

palities that deal with inspection firms using PACP-certified tools can keep a close eye on their sewer systems in a time- and costeffective manner. Equipped with a consistent set of analysis criteria, codes and classifications for asset breakdowns and defects used in PACP-certified systems throughout North America, CTSpec Sewer can enable municipalities across the continent to easily benchmark the performance of their systems and make enlightened decisions about the management of their rehabilitation and preventive maintenance operations.

While it has been working toward PACP certification in the English-speaking markets in Canada and the United States, CTZoom has also sat on the ad hoc committee formed by the Centre for Expertise and Research on Infrastructures in Urban Areas (CERIU) to earn the right to grant PACP certification in French on a Quebec-wide basis.

The PACP certification of CTSpec Sewer software comes on the heels of the Company's accreditation to train analysts and field operators in NASSCO protocols. CTZoom

Shell Rotella T Synthetic Motor Oil

Shell Canada Products' lubricants business is introducing new and improved Shell Rotella® T Synthetic 5W-40 heavy-duty motor oil. The motor oil, which meets or exceeds

API CJ-4 specifications, offers significant improvements in wear protection, soot control, deposit control, heat resistance and protection in extreme climates. Shell Rotella[®] T Synthetic 5W-40 motor oil can also provide enhanced fuel economy versus conventional 15W-40 motor oils.

"As global leaders in the development of innovative motor oil technology, Shell Lubricants is committed to developing the most advanced and efficient products," said Mark Reed, director of Marketing, Shell Canada Products. "Shell Rotella® T is the number-one-selling brand of heavy-duty engine oil in North America and the new Shell Rotella® T Synthetic 5W-40 continues to demonstrate our leadership in this vital market."

"The potential fuel savings in using Shell Rotella[®] T Synthetic 5W-40 oil has never been



as critical as it is today, due to the current diesel fuel prices in Canada," said Ainsley Grower, Transport brand manager for Shell Canada Products.

In severe cold conditions, the free-flowing base oils in Shell Rotella[®] T Synthetic 5W-40 allows for reliable pumping on start-up at temperatures as low as -35°C. This is important as modern fuel and ignition controls reduce the time it takes to start your engine; so fast oil flow to the upper deck of an engine can be critical in cold temperatures.

Shell Rotella® T Synthetic 5W-40 formulation is compatible with the exhaust after-treatment devices.

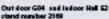
Source: Shell Canada Products



THE MB BUCKET CRUSHER THE ONLY CHOICE FOR A BETTER JOB.

- CRUSHES ANWHERE
- ON-SITE REUTILIZATION
- LOWERS COSTS
- A COMPLETE LINE OF UNITS





THE MB BUCKET CRUSHER

THE MB BUCKET CRUSHER: TRUST THE EXPERIENCE OF THE WORLD'S NO. 1 MANUFACTURER.

Tel. +39.0445.308148 - Fax +39.0445.308179 - www.mbcrusher.com - info@mbcrusher.com

THE CRUSHING EVOLUTION

is the first manufacturing firm in Canada qualified to provide this type of training. The PACP certification program, which to date has been completed by thousands of users, was founded in 2001 by NASSCO.

Source: CTZoom Technologies Inc.

BRIDGESTONE FIRESTONE OFF ROAD TIRE EXPANDS RETREADING OPTIONS

Off-road fleets seeking to use a mix of both new and retread tires now have a one-stop, integrated service solution as Bridgestone Firestone Off Road Company (BFOR), a division of Bridgestone Firestone North American Tire, LLC (BFNT), expands its offering with retread tires manufactured with Continuum tread rubber. Company officials announced at the MINExpo 2008 show that BFOR will assume marketing, sales and distribution responsibilities immediately for Continuum brand retread materials for the USA and Canada.

Continuum brand retread tires are available through an extensive network of OTR retreaders, and Bridgestone and Bandag tire dealers. Continuum retread tires are also available in Mexico, South America and Europe. Continuum retread tire designs are used on a wide variety of equipment in the construction, mining, logging, utility and marine port industries. Bridgestone Bandag Tire Solutions, (BBTS), a division of Bridgestone Firestone North American Tire, LLC (BFNT), manufactures and markets Bandagâ brand retread tire materials, and will continue to have responsibility for Continuum research and development, tread mold design, manufacturing, credit and customer service.

Source: Bridgestone Firestone North American Tire, LLC

LETOURNEAU AND LAMPRELL CONTRACT FOR NEWBUILD JACK-UP RIG KIT

Rowan Companies, Inc. announced recently that its wholly-owned subsidiary, LeTourneau Technologies, Inc., has entered into a contract to furnish a kit and license to Lamprell Energy, Ltd. for the construction of a third Super 116E class jack-up rig.

The rig will be built at Lamprell's Jebel Ali facility located in the United Arab Emirates with delivery expected in June 2010. Lamprell currently has two additional Super 116E class jack-ups under construction under license from LTI. This transaction highlights the strong commitment for growth in the Middle East market by both parties working together. LeTourneau's delivery of the kit, which includes the rig's legs, jacking system, cranes and certain other components, will occur in stages in accordance with the rig construction schedule. The initial delivery is expected to occur in the fourth quarter of 2008 and the final delivery during the second quarter of 2009. LeTourneau built the world's first jack-up drilling rig in 1955 and is an acknowledged leader in the supply of offshore jack-up drilling rigs today. LeTourneau has designed or built approximately one-third of all jack-up rigs in service, including all 21 operated by Rowan.

Source: Rowan Companies, Inc.

RSC Equipment Rental at MINExpo

RSC Equipment Rental hosted a case study to spotlight a leading international mining company at MINExpo International 2008. The event, held from September 22-24 in Las Vegas. showcased RSC's people, services and equipment while highlighting innovative programs that set RSC apart from the competition.

The case study introduced RSC's new Integrated Services Group, a team of professionals that provides an array of new services to meet Contraction of the second seco

the unique needs of many industrial customers and illustrates how RSC's Total Control[®], a program that allows you to manage your fleet, your costs and your time more efficiently, has successfully streamlined the management of a mining company's fleet.

RSC's booth also featured a Mobile Tool Room[™], a portable unit custom-stocked with all the tools, small equipment and hardware necessary for a specific project.

Company leaders were on-hand to extend their appreciation to customers. They also talked in greater depth about RSC's equipment, services and technologies to help resolve five key industry issues: controlling costs, boosting productivity, on-time delivery and pickup, maintaining safety and equipment maintenance.

Source: RSC Equipment Rental, Inc.

Intermat 2009 Courts Quarry Professionals

Intermat 2009, the international machinery show scheduled April 20 to 25 in Paris next year, is courting new business sectors. In addition to 60 000 m² of exhibit space displaying more than 1300 exhibitors of general construction equipment, the triennial show will include an exhibit village for the Quarry Professionals Association, a special program for quarry professionals and buyers, and will host quarry visits before the



show. Show organizers have also mounted a special effort to attract forklift manufacturers and exhibitors of components and accessories.

Source: Intermat

Daimler AG at the 62nd IAA Show in Hanover

The presentations by the commercial vehicle brands of Daimler AG at the 2008 International Commercial Vehicle Show in Hanover underlined the company's claim to the number one position among manufacturers worldwide.

In total, 11 500 m² of display area show-

cased the comprehensive range of vehicles from all over the world from Daimler Trucks to Mercedes-Benz.

An "exhibition within the exhibition" showed how serious the company is about the environment. Four hybrid vehicles from three continents are representative of this commitment. The Mercedes-Benz Axor Hybrid study is celebrating its world premiere, the Freightliner Business Class M2e Hybrid is shortly due to enter series production, the Mitsubishi Fuso Canter Eco Hybrid is already in series production and the Mercedes-Benz Sprinter Plug-In Hybrid is currently undergoing customer trials.

Daimler AG's leadership in the

field of environment compatibility was once again shown at the IAA. Among alternative drive systems on display, the natural gas-powered Sprinter NGT – already in series production – and the Sprinter Plug-In Hybrid concept, show great promise.

The Sprinter NGT is powered by a 1,8 I supercharged four-cylinder that generates 156 hp in either petrol or gas operation. The

• ACE

truck is equipped with a manual six-speed transmission as standard, with an automatic torque converter transmission available as an option.

The Sprinter Plug-In Hybrid is designed as a parallel hybrid with an electric motor between the internal combustion engine and with the new Mercedes-Benz PowerShift Offroad automated transmission, made its world debut.

Among the special-purpose vehicles, the Mercedes-Benz Zetros occupies a commanding position. This all-wheel-drive, cab-behind-engine truck is uncompromisingly



the automatic transmission. The architecture also envisages an unmodified 100 l petrol tank between the axles. A stack of lithium-ion batteries located immediately behind the rear axle provides the electric capacity. This battery technology halves the weight to just 175 kg compared to the nickel/metal hydride batteries used in first generation hybrids.

The new construction Actros, equipped

configured for operations in harsh conditions. Whether for expeditions, as a service vehicle, on large construction sites, in disaster relief or on peace missions – this all-terrain truck looks like it is in its element when others have to throw in the towel.

Source: Daimler AG



ACE, ACCENT ELECTRONIC CONTROLS INC. T 418 847 6344 • F 418 847 4851 WWW.ACEELECTRONIC.CA 29 GIROUX ST., QUEBEC CITY QC G2B 2X8

GPS systems meeting all the requirements of the Ontario Ministry of Transportation and major cities. «Optivalve» hydraulic system for better performance and reduced fuel consumption. Canadian manufacturer of spreader controls

Clean Energy Grows on Trees in San Diego's Latest Solar Grove

Pamela Stevens, Envision Solar International Inc. Special Collaboration



The University of California, San Diego, which strives to be one of the nation's "greenest" college campuses, has undertaken a forestation program in an unlikely place – the roof of two of its parking garages. Steel components have already taken shape, forming the framework for Solar Trees[™] that will soon be fitted with a canopy of Kyocera photovoltaic modules to provide clean energy for the campus, shade for vehicle parking, future infrastructure for electric vehicles, and a pleasant visual surprise on the top of the garage.

The Solar Tree™ is native to San Diego, the creation of Envision CEO Robert Noble, a sustainable architect with an Ivy League education and deep roots in his hometown of San Diego. Mr. Noble was CEO of local architectural firm Tucker, Sadler when Kyocera International commissioned a project to transform an employee parking lot into a showpiece for its photovoltaic panels, and an architectural landmark that won recognition from the American Institute of Architecture.

Both the award-winning design of the Kyocera Solar Grove[™] in Kearny Mesa and the UCSD Solar Grove[™] are based on the principles of bio-mimicry, the discipline that takes concepts from nature and employs them in architecture. The design of the Solar Tree[™] is based on natural trees, with trunks and branches supporting a shade canopy. "As sustainable architects, we at Envision Solar are committed to adding beauty and form to the functionality of solar power generation, and integrating it with the overall design of

the site," said Mr. Noble.

Each Solar Tree™ at UCSD will generate more than 17 000 h/y of clean energy, which is enough to power more than four single-family homes. Each Solar Tree[™] avoids 13,2 t of CO2 emissions. Furthermore, the Solar Tree™ design offers the option to install an outlet for electric vehicle charging; effectively, UCSD's rooftop Solar Groves™ will provide some of San Diego's first electric vehicle infrastructure.

"This photovoltaic installation marks an historic event for a campus that has become a living laboratory for climate change solutions," said

Steve Relyea, Vice Chancellor of Business Affairs. "Our sustainable energy program is the result of a campus-wide commitment by students, faculty and administration to advance environmental sustainability on a local, national and global level." UC San Diego's green energy program will continue to unfold over the next year.

Mr. Noble added, "We at Envision Solar are proud to support UCSD with our design for a bio-mimetic renewable energy installation at the cutting edge of solar integrated architecture." Robert Noble will be co-presenting the concept of site-integrated photovoltaics, including the UCSD design, at the upcoming Conference of the American Association for Sustainability in Higher Education (AASHE) with UCSD's Dr. Lisa Schaeffer, executive director of the Environmental Sustainability Initiative.

The University of California, San Diego is one of the premier research universities in the nation. In June 2005, it announced the formation of a campus-wide Environment and





Sustainability Initiative to bring together the intellectual resources of the campus around the challenges of sustainability. Building on more than 100 years of excellence, including pioneering work in climate sciences, at the Scripps Institution of Oceanography, the initiative incorporates its other assets – the California Institute for Telecommunications and Information Technology, the San Diego Supercomputer Center, the Graduate School of International Relations and Pacific Studies, as well as the traditional disciplines in engineering, biological, physical, health, and social sciences; humanities, and the new Rady School of Management.

Source: Envision Solar International, Inc.

Volvo to Move Its Motor Grader Business to Shippensburg

Volvo Construction Equipment will move the majority of its motor grader activities currently located in Goderich, Ontario, to the



company's facility in Shippensburg, Pennsylvania. Volvo CE will incur an estimated restructuring cost of approximately \$45 million, which will be recorded in the third quarter of 2008.

The decision to consolidate the industrial operations for road machinery in North America to Shippensburg was taken to improve the competitiveness and profitability of the total road machinery business and will also reduce the company's

> exposure to exchange rate fluctuations within North America. The move, which will affect 500 employees in total, will take place in various phases, concluding no later than 2010.

> The adjustment measures to be adopted for employees represented by the International Association of Machinists

and Aerospace Workers will be the subject of discussions to be held with the Union.

The central parts warehouse currently located in Goderich will be relocated to the Volvo Parts warehouse in Columbus, Ohio. A comprehensive Human Resources plan will be developed in collaboration with the local union and government agencies. This plan



will include, but will not be limited to, training programs, counseling support and help in the search for new employment.

Source: Volvo Construction Equipment

Ritchie Bros. Launches RitchieWiki.com

Ritchie Bros. Auctioneers, just rolled out an industry-first – a free online wiki for the equipment industry at www.RitchieWiki.com. Using the software provided by Wikipedia, Ritchie Bros. has created a one-stop public resource for equipment information, one that the community at large can research, read, add to and edit.

"Dave Ritchie, co-founder of Ritchie Bros. Auctioneers, has always wanted to collect the knowledge and expertise of our company and our customers and gather it in some sort of library or repository," said Clay Tippett, vice president of Internet Services for Ritchie Bros. Auctioneers at a press conference held at the MINExpo trade show in Las Vegas on September 22, 2008. "There is a vast body of information about equipment in the world – but it was not all in one place and a lot of it is hard to access."

Mr. Tippett said that a wiki is the best way to compile information and to ensure availability to the greatest number of people. Information can be constantly added, elaborated, and updated democratically by thousands of individual contributors that all have different information to share.

"The effect of a community of contributors is powerful, ensuring accuracy as the group

creates and oversees the content, rather than just one author. Our goal is for manufacturers, associations, trade schools, equipment enthusiasts, industry journalists and authors, our customers and employees alike to embrace this new equipment wiki and give it that momentum."

The new equipment wiki, called RitchieWiki, has reference-quality material on equipment, manufacturers, people, uses, projects and history. There are also specifica-

tions for more than 9200 different machines and growing. Not only can you find out the length and width of a machine, perhaps for transporting purposes, but you can also find out other information such as the depth an excavator can dig, or the bucket capacity of a wheel loader. There is also a comparison

-	entriped press Inc. Descent Descent Long. Long.		
	chieWiki		
	Count for the fight		
	Receive in National Res. Security devices and a first state and the security of the state and the state of the state of the state of the		
1.10	for University on the state of solida operation toleration. Been	and, mad, and, and sale later	n di edi di altanteli di presidi spor altanza, persidi estre spiri stratesi altanggi ser talar ser interit sa pas er ben
- 3	designed and		Interest Rectlinities - Excitations
	50 sector a sector and a sector sector sector and a sector beam of the sector s	Print qualifications for printmans of separated	
		C BERNARD -	
		Patiend & Tale	
		When Linder	
	a characteristica e a territo in consete serves, o este se a consete trans- tem sent angli con consete de consete a este consete danse encourses non parte and el conseter o las forme el consete al consete mentale angli este transiente danse encourses en consete angli consete mentale angli este transiente dans encourses en consete angli consetemente en el conset la consetemente dans encourses en consete angli consetemente en el consete este transiente consetemente en el consete en el consete este transiente en consete en el consete en el consete este transiente en el consete de el consete en el consete este transiente.	teria: In year's reaging a state of a second	In a grant factor to see of the least orders and applicate to construct the set of a least order to be entropy of the set of during in application to and/or hurden used to construct and applications show a memory application of the set of the set applications of the set of the set of the set applications of the set of the set of the set applications of the set of the set of the set applications of the set of the set of the set
	In redució es a súa difere parala fest quer const afrecesar agrega que acore presentar a servir de construction en la servir de foneraga destruction, no destructa de el de selo construir se altere agrega destruction, no destructa de el de selo construir se	and fragments a settle	- statisticity and the properties. ¹⁷ Source scores many prior in come working contains. Nat Representation of scheme to sent forugin Colorphic, Tennes & Sciences, and Science, Wile provide contain transformer to the Sciences, and Sciences, Wile provide contain transformer to the Sciences, and Sciences, Wile provide contains to the Sciences, and Sciences,
1.3	initialité à a foi la foi la catal e cola é a de compose entre acternes de Barrisbie de la compose entre de catal et acternet, partie, com propose ant compose des parties et acternet, parties, com propose ant compose - mara et acternet coloradores acternets.	fermation about management.	The International States
	I forma directivamente del processi distribuilità dei a crista escritto scalato altres circo constituzza del constituzza del escritto fondere accessione di constituzza del Accessione, el se escritto fondere di processi di constituzza della Accessione, el se distribuilità del processi di constituzza della Accessione del distribuilità del processi di constituzza della distribuilità della distribuilità della distribuilità della della distribuilità di distribuilità della distribuili di constituzza della distribuilità di distribuilità di la constituzza di la distribuilità di distribuilità di la distribuilità di distribuilità di la distribuilità di distribuilità distribuilità di distribuilità di distribuilità di distribuilità distribuilità di distribuilità distribuilità di distribuilità di di	a longe balls of stational gran forwards (10) and stations, this start	Peoplet Type Proc. report Code: information or parts present to Program (or pro- actions) and Thermitian (multi-applied Proc. applied To app
1	n new yan to state with the featured information of thermals on Assessment income devaluations: New yor the ANT New Adde, your the time "National and a feature of Assessment."	and, the same the field internal	and here there is a set of the se
1.5	tes fee Pages		
1.00	and for the own denses over the particular		

feature on the specifications tool that allows you to evaluate up to four different models of equipment at a time.

Source: Ritchie Bros. Auctioneers

Companies Back in Business Thanks To Cummins Power Generation

When the Cedar River crested near 9,75m in mid-June, in Cedar Rapids, Iowa, it reached its highest point in recorded history. In addition to breaking records, the flood shattered homes, businesses and lives.

Many parts of the area were under nearly 3 m of water and a total of 1300 city blocks lost power due to the heavy flooding. Cummins Power Generation supplied 35 Rental Power units to 18 companies, helping Cedar Rapids power its recovery with more than 25 MW of emergency electricity.

One example is Cryovac Food Packaging, a division of Sealed Air Corp. Cryovac manufactures plastic storage bags used in food packaging by customers around the world. The company runs a 24-hour production operation five days a week, with additional weekend hours. When the flooding caused widespread utility outages on June 12, with floodwaters still rising and no restoration in sight, plant managers needed to act quickly.

Cryovac made the decision to order Cummins Power Generation Rental Power units – mobile power units that include a generator set and control in a sound-attenuated housing. The first unit arrived within 10 hours,



and by midnight all three Rental Power units had been delivered to Cryovac. The following morning, a mere 48 hours after utility power was lost, the plant was operating at full production.

It will take years for Cedar Rapids to fully repair the damage from the devastating floods of 2008. But business owners in the area found consolation in the fact that Rental Power units were available fast to start the recovery effort. In addition to helping Cryovac, Cummins distributors – such as Cummins Atlantic LLC, Cummins Bridgeway LLC, Cummins Mid-South LLC, and Cummins NPower LLC – supplied mobile Rental Power units to 17 other businesses, including telecommunications companies, hotels and grocery stores essential to getting Cedar Rapids back on its feet.

Along with serving businesses, Cummins Power Generation is supporting the entire community with trailerized weatherproof generator sets that are being used to supply power to pump water away from underground utility transformers and to run dehumidifiers in numerous locations throughout the city.

Source: Cummins Power Generation

Bobcat Updates Its Compact Tractor Line

Bobcat Company expands its line of compact tractors with the introduction of four new models. In addition to releasing these new tractors, Bobcat also announces that the Bob-Tach™ quick attachment mounting system is now available as an option on the front-end loader of all Bobcat[®] compact tractors.

The four new models are the CT335, CT440, CT445 and CT450, with power ranging from 38 hp to 50 hp. These four tractors are available in three different packages. The Economy Package has a three-point implement hitch with power take off (PTO). The Standard Package includes the three-point hitch, PTO and a loader joystick and control valve. The Standard Package with Cab has all of the features of the Standard Package with an enclosed cab.

The four new models have an independent PTO that can be engaged with the flip of a switch while the tractor is in motion. This feature allows an operator to engage the PTO on a three-point implement only in areas where it is needed. They have a heavier and larger chassis and higher horsepower for customers who need more power but do not need a machine larger than a compact tractor. Cab models have standard heat and air conditioning. The cab provides good visibility and features doors on both sides.

The Bob-Tach quick attachment mounting system is now available on the front-end loader of all nine Bobcat compact tractor models. It enables the tractor to perform multiple functions with the front-end loader. Currently, a bucket and pallet forks are available for use on the front-end loader, with additional attachments planned for the future.



The Bobcat compact tractors feature fourwheel drive for traveling over and working in rough terrain, and also come with hydrostatic transmissions for easy operation.

With the addition of these four new models, Bobcat offers nine compact tractors available at select Bobcat dealerships in Canada.

Source: Bobcat Company

The First Ever Gas-Powered Utility Vehicle from Kubota

Kubota introduces the new gas-powered, RTV500 compact utility vehicle that comes with the comfort, technology and refinement of a larger utility vehicle, but is compact enough to fit in the bed of a full-size, longbed pickup truck. The RTV500 is powerful enough to handle the toughest challenges on rugged terrain. At 139 cm wide and 189 cm tall, the RTV500 gets the job done with a 15.8 hp, liquid-cooled, two-cylinder Kubota gas engine, four-wheel drive, and a top speed of 40 km/h.

Unlike ATV-based powerplants that require constant throttle adjustments to maintain RPM levels, the Kubota GZ460FE3UV engine features a liquid-cooled, twin-cylinder design that ensures smooth, quiet, consistent power delivery throughout its powerband. The electronic fuel injection further improves engine performance by providing quick, easy starts, even in the most severe weather conditions, as well as on-demand power, optimized acceleration.

The RTV500 comes standard with

Kubota's exclusive new "VHT Plus" variable hydrostatic transmission, which eliminates the need to adjust belt drives and provides smooth, reliable transmissionassisted braking and hill-holding capabilities. Weighing a modest 580 kg, the RTV 500 can handle upwards of 200 kg or 0,25m³ in its metal



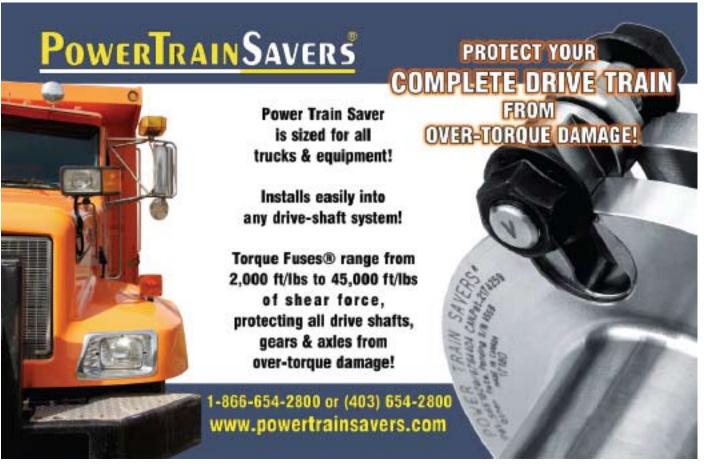
dumping cargo box. The RTV500 can tow up to 500 kg.

The durable bench seats are roomy and comfortable, the dash layout is simple and intuitive and the flat floor provides lots of unobstructed legroom. The standard, integrated Roll-Over Protective Structure (ROPS) meets OSHA 1928.53 rollover protection standards.

The Kubota RTV500 features an extensive

list of optional accessories and implements, including a state-of-the-art modular cab, rugged 152 cm snow blade, 1133 kg capacity winch, work lights and more.

Source: Kubota Tractor Corporation



Roadtec Seat Design Maximizes Visibility of Rear Augers at All Times

Paver operators must have the ability to quickly visually check the rear auger of their machine to make sure material levels are where they are supposed to be for a quality paving job. That is why Roadtec engineers designed the new pavers seats to slide out to the side in a straight line instead of swinging out on an arc.

The straight sideways movement of the seat results in a position that allows the operator excellent visibility down the side of the machine and also to the rear augers. It is important to visually check augers because mix should always be halfway up on the augers over the entire width of the auger delivery system. Augers should never be buried in mix at any point. Augers should never be raised too high because this could



cause mix to push forward under the paver. If there is too much or too little material around the auger, problems in the paved surface will result. Paving speed, flow gate settings, and feed sensor position regulate material flow. Being able to easily see the augers allows the operator to monitor these variables and to deliver mix evenly across the augers and thus across the entire leading edge of the screed plate, which is a requirement for a segregation-free mat.

Source: Roadtec

Linnhoff Technologies supplies asphalt plant for Abu Dhabi Grand Prix circuit

With October 2009 fixed as the date for the Abu Dhabi Formula One Grand Prix, a Linnhoff asphalt batching plant is being used in a race against time to complete the new circuit.

Linnhoff Technologies of Singapore has won a contract to supply an asphalt batching plant to the International Grand Prix circuit now under construction at Abu Dhabi.

The plant, a Linnhoff Tower Plant LH3000, will be the sole unit supplying asphalt for the 5.6 km (3.48 miles) circuit, which is being built to a tight schedule to allow the Abu Dhabi Grand Prix 2009 to take place there in October next year.

Built in Singapore, the plant was shipped to Abu Dhabi and will be commissioned in the middle of June.

On February 2007, it was announced that a new race in Abu Dhabi known as the Abu Dhabi Grand Prix would be added to the 2009 calendar as part of Formula One's expansion in the Middle East.

The race will take place on the International Grand Prix circuit that is being constructed on Yas Island by Aldar Properties, one of the United Arab Emirates' leading property development companies, and which is designed by renowned Formula One circuit designer Hermann Tilke. Aldar is also constructing a theme park, marina, residential areas, waterpark, sport

and leisure facilities, as well as hotels and beach resorts on the 2,550-hectare natural island, which is situated on the east coast of Abu Dhabi and is only minutes away from Abu Dhabi International Airport.

With 20 corners, the track will twist through the

natural island, passing the marina and winding its way through sand dunes. The circuit has three planned grandstand areas.

The Linnhoff LH3000 is a tower batching plant with an integrated hot storage silo that can hold 150 tonnes of hotmix asphalt and which is placed below the twin shaft mixer in a heat-economising design.

The plant has been delivered to the joint Malaysian and Bahrain construction firm

CEBARCO-WCT Engineering, which is handling the asphalting part of the contract.



The plant will be producing up to 240 tonnes of asphalt per hour for the construction of the track surface.

Linnhoff Technologies in Singapore has been specializing in the design and fabrication of asphalt mixing plants since 1984, and is a division of Lintec GmbH & Co. KG of Germany.

Source: Linnhoff Technologies

Register Now For the 2009 World of Asphalt and AGG1 Shows

The 2009 AGG1 and World of Asphalt will be held March 9-12, 2009 at the Orange County Convention Center in Orlando, Florida. The shows will be the gathering place in 2009 for the aggregates, asphalt, pavement maintenance and traffic safety industries.

Besides saving valuable time onsite, registering in advance saves 40% off the shows' registration fee. Attendees can also save by registering in advance for the World of Asphalt and AGG1 educational programming.

More than 6000 industry professionals from companies large to small are anticipated to attend the combined shows, and some 400 exhibitors are expected to take 9290 m² of exhibit space. The exhibits will be complemented by extensive educational programming designed to meet industry needs.

Several product-focused exhibit pavilions will be featured at the co-located shows to make it easier for attendees and exhibitors to connect and discuss specific operational functions. A New Product and Technology Program will help attendees quickly find new and innovative products and services on the show floor.

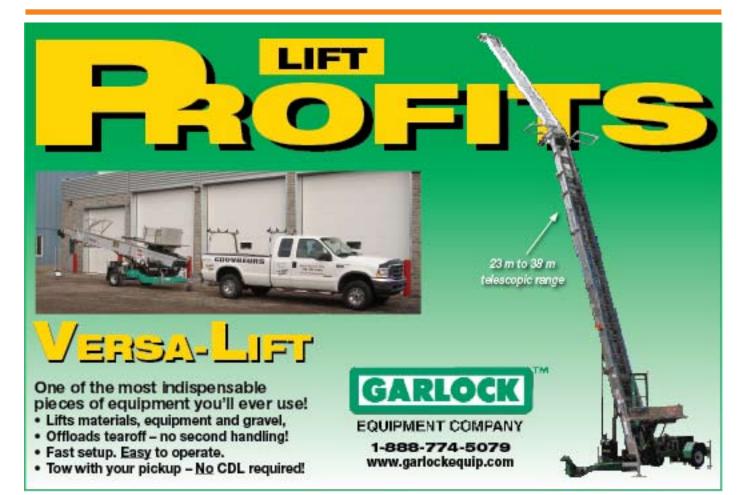
Please note: Industry professionals planning to also attend the National Stone, Sand and Gravel Association (NSSGA) annual convention being held in conjunction with the shows should register through NSSGA, as the exhibit entry fee is included in convention registration.

Convention attendees can also register for World of Asphalt and AGG1 education through NSSGA convention registration.

Register or obtain a registration brochure online at www.worldofasphalt.com or www.agg1.org

Source: Association of Equipment Manufacturers





MB Crusher – The Four BFs

Versatile in its use and easy to handle, the bucket/crusher, today in 4 models, demolishes production costs (machine hire, transport and disposal in a dump) and advances the recycling culture.

They came on the market and started a new way of crushing. It is better to say that their extraordinary flexibility of use widened the boundaries of the recycling culture enormously. One of the first models of hydraulic equipment fitted with a jaw crusher to be used with an excavator was the BF 90.3, the bucket crusher by MB Crusher.

"Recycling debris and crushing right on site are more and more requirements that cannot be disregarded by companies, both big and small, working in the construction, demolition and building sector as well as in earthmoving in general", says Guido Azzolin of MB Crusher. "Nowadays our product is it is possible to crush debris on-site anywhere a tracked excavator can go. They also offer the possibility of reducing transportation and disposal costs.

Thanks to their high production capacity, the bucket-

crushers can be used in big and medium sites, doing away totally with the hire costs of machines fitted with a crusher and also transport costs. The bucket crusher works together with a tracked excavator that is normally already available in any construction site and does not need hiring a dedicated or specialized machine. The transport costs of the bucket crusher are negligible (it is moved



tough material in optimum conditions.

BF 70.2: This model weighs 2,25t and is recommended for excavators between 12 t and 20 t. The jaw and mouth aperture measures 70 cm x 55 cm while the bucket's capacity is 0,6m³. Crushed material can be adjusted between 20 mm and 120 mm and hourly production is between 12 m³ and 30 m³.





increasingly more common; it is no longer niche or specialized equipment, it is becoming standard equipment for any construction company."

MB Crusher has its headquarters in the province of Vicenza, Italy, in the town of Breganze, where the company's name comes from. In just a few months it has presented four different models of bucket/crusher for as many applications and work categories.

The application areas of this technology are different and include demolition, general construction, digging, reclamation, special applications like breaking up of the soil for agriculture and finally rock applications that is crushing of quarry material. The characteristics that have made their success are also immediately appreciated. These machines are versatile and cost-efficient. With them, like any equipment or digging bucket). Finally, the bucket-crusher eliminates the costs for the disposal of demolition material in a dump. The data gathered in the field from MB Crusher's customers show that they consider it to be useful both on big and small projects.

CRUSHING WITHOUT LIMITS

MB Crusher have four different type of crusher buckets:

BF60.1: The machine weighs 1,5t and is recommended for excavators weighting from 8 t to 12 t. Crushing is achieved by a jaw and the mouth aperture that measures 60 cm x 45 cm and the bucket's capacity is $0,5\text{m}^3$. The size of the crushed material can be adjusted between 20 mm and 100 mm while hourly production is between 9.1m^3 and 19.8m^3 , calculated on the basis of medium BF 90.3: With a weight of 3,5t the original provides optimum performance for excavators weighing up to 20 t. Jaw and mouth aperture measures 90 cm x 45 cm while the bucket's capacity is 0,75m³. The size of the crushed material can be adjusted between 20 mm and 120 mm. Hourly production is between 18 m³ and 40 m³.

BF 120.4: The machine weighs 4,9t and is recommended for excavators weighing up to 28 t. Material measuring up to 120 cm by 45 cm and about 1 m³ in size, can be crushed at one time. The size of the crushed material can be adjusted to between 20 cm and 120 mm. Hourly production rate is between 25 m³ and 50 m³.

Source: Meccanica Breganzese S.r.I

New Arrival in Peterborough County

With Autumn upon us and the children back to school, there is something else new they will see on their daily bus rides in Peterborough County.

After much deliberation, the County of Peterborough has sought to usher in a new age with delivery of a Gradall XL-4100-III. This unit replaces an aging G660 model that has given sterling service to the county. "We looked at all our options, including a major overhaul of the old machine, but in the end chose to catch-up with current

technologies," said county engineer Chris Bradley.

Gradall, part of the Alamo Group of companies, has a long established reputation in the municipal marketplace. The only excavator that can propel itself at speeds of 80 km/h or more and access hard to get, off-road job sites too, make it an ideal tool for counties, utilities and other governmental agencies and contractors. The unique telescopic, low-profile boom, available with 360° wrist action, can manoeuvre in the tightest spaces. It is this Gradall trait that has confirmed its place in ditching, brushcutting and roadway maintenance work.



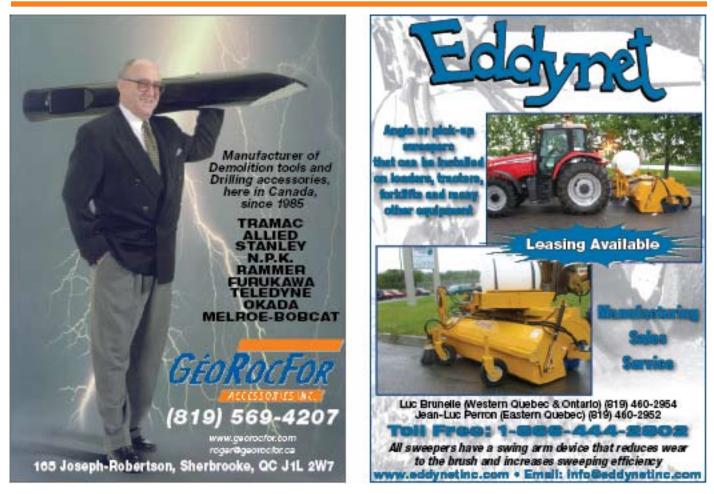
"The rise in interest in rubber tire equipment has seen several "wannabes" come into the offing in the last decade. A conventional rubber tired excavator was never designed for long trips and multi-terrain tasks. The concept of the self contained machine, able to travel from site to site at high speed has yet to be matched. A truck-style configuration also permits towing to further enhance machine performance," according to Jeff MacDonald of Amaco Equipment.

Auxilliary hydraulics, quick coupled attachments, and other features allow users to configure the Gradall to suit themselves best. "There has even been interest from woodlot



owners and commercial thining contractors for a unit that can harvest and thin without requiring special roads and accessways and minimizing environmental impact," according to John Logan of Gradall.

The County of Peterborough, home to the pre-historic Petroglyph Provincial Park, and the world's highest hydraulic liftlock, now has Canada's newest innovation to contribute to infrastructure maintenance. (R.H.)



Record number of visitors at APEX

The 6th APEX exhibition, held in Maastricht last month, was a big success with a record number of visitors. More than 5300 industry professionals from 44 different countries attended the show, which is

25% higher than the figures for the previous show in 2005.

Despite the economic uncertainty – and with major access manufacturers anticipating a slowdown in 2009 – there were companies buying



equipment at the show, including some from fast-developing rental firms in eastern Europe, the Middle East and Asia Pacific.

The show was notable for the number of new products on show. In addition to the Beijing Jingcheng products, new launches came from Skyjack, Genie, JLG, Nagano of Japan, UpRight, Palfinger, Bronto, Ruthmann, Oil & Steel, Multitel Pagliero, Teupen and many others.

The APEX conference was also a success. The Keynote Address was given by Skyjack president, Ken McDougall, who spoke on the role of the OEM in today's access market. Other speakers covered new European standards for MEWPs,



machine telematics, battery maintenance, and aftermarket technology. The next APEX show will be held in 2011.

Source: BV Industrial Promotions International

Navistar[®] Marks 75 Years of Diesel Leadership with Dedication of Newest Engine Plant

During a special event on September 23, 2008, Navistar[®] Engine Group celebrated the 75th anniversary of its first production diesel engine, the D-40, with the dedication of the facility that will build its newest diesel engine family, MaxxForce[™] Big Bore. Additionally, the event highlighted the company's scope and reach – engine offerings ranging from 50-475 hp for use in on- and off-highway, agricultural, industrial, defense and stationary power applications – as well as plans for global expansion.

Navistar Chairman, president and CEO, Dan Ustian, and Engine Group president, Jack Allen, spoke to a crowd of global OEM customers and prospects, local dignitaries and Navistar employees, delivering a retrospective look at the company's 75 years of diesel engine production leadership and a visionary look forward at where the diesel technology leader is heading.

In 1933 Navistar, then International Harvester, launched its first production diesel, a 50 hp four-cylinder engine for stationary and agricultural applications, and effectively began its legacy. For the next 75 years the company shaped and developed the diesel industry and established itself as a leader, producing innovative engines for agricultural, construction, military and on-highway applications. Significant milestones during those years include the introduction of the DT 466, the Ford PowerStroke[®] Diesel, the first smokeless diesel engine, the first fully electronically controlled

mid-range commercial diesel and the Green Diesel Technology[®] platform which led the way for today's advanced clean diesel technologies.

Today, and over 15 million engines later, Navistar focuses exclusively on highperformance diesel engines for a roster of customers around the world. Its on-road automotive customers include Ford Motor Company, General Motors, Volkswagen, Volvo and Land Rover, which use Navistar diesels to power commercial trucks, pickups, vans, and sport utility vehicles. Navistar also produces diesel powerplants for commercial off-road vehicles and equipment for across the globe. The company commands 42% of the midrange diesel engine market and 64% of the school bus engine market in North America. In South America, Navistar Engine Group commands more than 50% market share of the mid-size pickup and SUV segment, and accounts for nearly 40%

> of all commercial and consumer diesel engines produced. And Navistar continues to grow rapidly on other continents, especially in India, China and Eastern Europe.

The MaxxForce Big Bore

Assembly facility is the newest addition to Navistar's roster of first-class global engine facilities. With operations now underway, the 28 000 m² state-of-the-art plant produces the technologically advanced MaxxForce 11 and MaxxForce 13. Source: Navistar

Roadbuilders Machinery & Supply Joins McCloskey Team

McCloskey International, a leading designer and manufacturer of innovative screening and crushing products, is pleased to announce that Kansas-based RoadBuilders Machinery and Supply Co., Inc. has become the official distributor of the McCloskey line for the states of Kansas and Nebraska and portions of Missouri.

"Our acquisition of the McCloskey line of products will help us meet the niche needs of our customers with equipment that our existing lines can't," says Joel Johnson, RoadBuilders' Aggregate sales manager. "Having McCloskey trommels, screeners and conveyors in stock is definitely going to open up new markets for us, particularly in the aggregate area with new customers in landfill applications and government contracts."

"We extend a warm welcome to Joel Johnson and the rest of the staff at RoadBuilders," says John O'Neill, McCloskey vice president. "Their commitment to excellence and innovation make them a valuable addition to the McCloskey family." ment, in Springfield, Missouri. In addition to McCloskey, the firm represents over 20 other manufacturers of construction and heavy



Founded in 1985, RoadBuilders Machinery and Supply Co., Inc. operates out of five branches – three in Nebraska, one in Kansas, and its newest location, Mid-West Equipequipment, including Sennebogen, Esco and Komatsu.

Source: McCloskey International Limited

Sellick Expands Its S Series

Sellick Equipment Limited, a lift truck manufacturer based in Harrow, Ontario, has expanded its S Series product line by adding a 7250 kg capacity model.

The new S160-4 has fulltime four wheel drive and four equal sized wheels.

By steering both axles, the S160-4 has a tight turning radius of only 3,8 m. The S160-4 is powered by the Dieselmax 444 Turbocharged Tier III diesel engine producing 114 hp, and is coupled to a



fully automatic power-shift transmission for efficient operation. Axles feature enclosed wet disc brakes for extended life, and limited slip differentials for maximum traction and maneuverability.

Consistent with the S Series product line, the operator platform of the S160-4 is mounted to the frame on isolators which dramatically reduce noise and vibration for the operator. Standard features include frame leveling, tilt steering column with full instrumentation, light package, and back-up alarm. Options include full cab, air conditioning, side shift and fork positioning carriages, and a variety of lift heights and fork lengths.

Source: Sellick Equipment Limited

Atlas Copco Opens New Factory in Canada

Atlas Copco recently inaugurated a new facility for manufacturing exploration products and rock reinforcement consumables in North Bay, Ontario. The move increases capacity to serve customers in the mining industry, helping to meet strong demand.

The operations, belonging to Atlas Copco's Geotechnical Drilling and Exploration division, have been moved from the previous location in North Bay to the newly built factory. A production line was added for Swellex rock bolts, a unique technology for rock reinforcement and ground engineering.

"This is a significant investment that will lead to better service for our customers in North America, as all the plants of the division have been running at full capacity," says Björn Rosengren, Business Area president, Atlas Copco Construction and Mining Technique.

The new production plant, which employs about 130 people, houses state of the art automated manufacturing equipment, ensuring consistency and reliability of the products. It was designed for reduced environmental impact in accordance with ISO 14001 standards.

Atlas Copco Geotechnical Drilling and Exploration is a division within Atlas Copco's Construction and Mining Technique business area. It develops, manufactures, and markets equipment for exploration drilling and ground engineering. The division is headquartered in Märsta, Sweden, and its production is organized in specialized competence centers in North America, Europe, Africa, and Asia.

Source: Atlas Copco, Construction and Mining Technique

Raising the Bar on Safety and Efficiency

The Town of Whitby is raising the bar with a new feature on its Labrie Expert 2000 to efficiently and safely collect organic material. The Town's latest Labrie refuse truck is equipped with the first ever automated Organics Loading Bucket - a unique option allowing municipalities and contractors to collect solid waste and organics with the same truck. This feature reduces strain on the operator and vastly improves efficiency. "In the past, operators had to throw the waste from the organics green bins up to 3 feet into the truck at every stop. This new loading bucket reduces the repetitive strain on the operator" says Patrick McGee, regional sales manager at Joe Johnson Equipment. "The idea stemmed from Marc Nadeau, Product Manager at Labrie, Leo Larkin, superintendent of Fleet & Safety at the Town of Whitby and Rob Carson, foreman - Solid Waste at the Town of Whitby. They sensed that there must be an easier way to collect the organics bins and also ease the physical repetitive strain on the operator." The Organics Loading Bucket uses technology

from Labrie's Helping Hand unit. The yellow, compact unit can hold up to 10 organics bins before operators would need to cycle it. With the activa-



tion of the controls, the bucket hoists itself to a 180 degree angle and dumps the organics into the hopper. The 2-stream truck is a 60/40 waste/organics split (picture inset). Although the Town of Whitby just received delivery of this first-of-its-kind unit, the Town has already placed an order for an additional unit. "I truly believe that this option on the Labrie Expert 2000 will be an invaluable tool for any municipality or contractor collecting waste and organics with the same vehicle," says Patrick McGee. "In addition to the ergonomic benefits, when you take into consideration the time being saved from loading 10 bins prior

to cycling, that you're reducing the number of passes required and you have fewer vehicles on the street – it just makes sense."

Source: Joe Johnson Equipment Inc.

Vermeer Introduces Maxi-Size Drill Rigs



Vermeer Corporation has expanded its complete line of NAVIGATOR® horizontal directional drills with the introduction of three maxi-sized drill rigs – D500x500, D750x900 and D1000x900 – designed specifically for large diameter pipe installations. The new units feature pullback forces of 225 000 kg, 337 500 kg and 450 000 kg.

The drill platform is built upon the proven and reliable Horizontal Rig & Equipment (HRE) design, acquired earlier this year by Vermeer.

To allow the contractor to focus on performance, the drills feature a simple, proven design that eliminates the number of drive components, including high-speed motors and reduction gearboxes.

High-torque, low-speed hydraulic motors power the rotary and carriage drives. On the rotary drive, a single through shaft motor turns the drill string and downhole tooling.

Source: Vermeer Corporation

NEW INTERNATIONAL 7600 PLOW TRUCK FOR SALE

New 2008 INTERNATIONAL 7600, Cummins ISM 385 HP engine, Allison 4500RDS 6 speed automatic transmission, 20 000 lbs front / 46 000 lbs rear axles, 4-way locks.



All new LAROCHELLE snow & ice removal equipment: 14' U-shaped dump-spreader (front discharge spreading), trip edge reversible plow with quick hitch, patrol wing with travel positionner, pre-wet system (1200 liters), electronic spreading control and in-cab air controls......Priced to sell Contact Larochelle Equipment Inc. at 418-522-8222 or visit www.larochelle.ca

New 2008 INTERNATIONAL 7500, 310 HP engine, Allison 3000RDS automatic transmission, 18 000 lbs front / 46 000 lbs rear axles.

All new LAROCHELLE snow and ice control equipment: 14' U-shaped dump spreader (front discharge spreading), reversible plow with quick hitch, wing plow, electronic spreading control and joystick type control.....Price upon request Contact Larochelle Equipment Inc. at 418-522-8222 or visit www.larochelle.ca

MARCH 5 & 6, 2009

THE MEETING PLACE FOR CANADA'S HEAVY EQUIPMENT LEADERS

The nation's largest Heavy Equipment Show is back and bigger than ever at the International Centre in Toronto March 5-6, 2009. This show has evolved into the must attend event for the heavy equipment industry. If you are in the Heavy Equipment Business, The National Heavy Equipment Show (NHES) is the venue to kick-start your sales for 2009!

The Gravel Pit – Crushing – Processing – Recycling – Haulage

The Gravel Pit is the newest exciting feature added to the highly acclaimed NHES. This section of the International Centre will showcase the largest and most complete lines of equipment for the aggregate and roadbuilding indus-

try, including crushers, rock screens, recyclers, excavators, drilling and so much morel Aggregates & Roadbuilding Magazine is delighted to be the official sponsor of the Gravel Pit. This industry leading publication will also publish the official show guide, show previews and reviews. Endorsed by:

BACKHOE RODEO

Backhoe operators from across the country will showcase their skills and vie for the coveted trophy and other prizes, as well as the prestige of being named the nation's best. This event always draws a standing-room only crowd and is sure not to disappoint.

NATIONAL

RENTAL EQUIPMENT PAVILION

This feature just keeps growing and growing, with space for exhibitors at a premium. Rental Products specialists in the light and heavy construction sector flock to this area of the show to showcase their products and packages. If you rent Heavy Equipment of any sort, this is the location for you. Book early, as space is limited!

SHOW HOURS

Thurs, March 5th • 9:00am - 8:00pm Fri, March 6th + 9:00am - 5:00pm

BOOK YOUR SPACE TODAY!

Mark Cusack • mcusack@mpltd.ca Rob Etmanski • retmanski@mpltd.ca

TOLL FREE 1-888-454-7469

















Produced by Master Promotions Ltd.



N



ADA

CONSTRUCTION • ROAD BUILDING • LAND IMPROVEMENT • INFRASTRUC

Eagle West Equipment Appoints a New Dealer in the U.S.

Abbotsford, British Columbia's Eagle West Equipment Inc. is pleased to announce that it has entered into an exclusive dealership agreement with Great Plains Equipment, LLC of Omaha, Nebraska.

Great Plains Equipment, LLC have an extensive background in all forms mobile and crawler crane sales and will now add the entire Eagle West Equipment Inc. product line to their sales portfolio including: San Marco self-erecting cranes, city cranes and tower cranes; Koenig self-erecting cranes; Wilbert tower cranes; Boscaro crane and material handling accessories; HMT crane and material handling accessories; Magnum generators and tower light systems.

Nick Emmack, co-founder of Great Plains Equipment, LLC stated "We could not have chosen a better partner than Eagle West Equipment to add several outstanding lines of tower cranes to our sales portfolio. Eagle West Equipment's North American dealer network, technical expertise, and outstanding reputation for customer service will benefit us greatly as we serve the tower crane needs of the Heartland of the U.S."

Gerry L. Wiebe, vice president of Sales & Business Development for Eagle West Equipment Inc. stated "We are very pleased to have a company of Great Plains Equipment, LLC caliber join our dealership network. Great Plains Equipment, LLC will bring additional depth as well as sales and marketing expertise to our dealership network while covering a key strategic area for us."

Overall this development is a great fit within Eagle West's ongoing strategic plan of distributing high quality/value tower cranes and related accessories throughout North America.

Eagle West Equipment Inc.

New Montreal Offices for London and McNeilus

London (Mtl) Inc. and McNeilus (both divisions of Oshkosh Corporation) are pleased to announce that they have moved into a bigger location to better serve you, their customers.



Conveniently located at 2525 Halpern, near Autoroute 40 in Saint-Laurent – near Henri-Bourassa and Autoroute 13 – they will continue to provide quality London, McNeilus, Oshkosh and plant parts and now will service and repair your mixer and refuse equipment as required by trained technicians on the premises.

To better help you finding the new location, have a look at the map! London (Mtl)'s building is highlighted in yellow...

Source: London (Mtl) Inc., 1-800-996-4937

Appointments

Bridgestone Firestone Off Road Tire Company (BFOR), a division of Bridgestone Firestone North American Tire, LLC (BFNT), announces two key personnel appointments. **Mike Poirer** and **Wilhelm Brau** join BFOR to support marketing, sales and distribution responsibilities for Continuum brand retread materials.

Mike Poirier joins BFOR as general manager Corporate Accounts and Original Equipment. Mr. Poirier served most recently as North American OTR sales manager, Bridgestone Bandag Tire Solutions in Muscatine, Iowa.

Wilhelm Brau joins BFOR as General Manager Continuum Retread and Recycle Solutions. Mr. Brau served most recently as vice president of Sales and Operations for RDH Tire & Retread Company in Cleveland, North Carolina.

"The addition of Mike and Willie to the BFOR team is an important step in our ability to deliver a one-stop, integrated new and retread tire service solution to fleets," said Shawn Rasey, vice president, BFOR.

Source: Bridgestone Firestone Off Road Tire Company

Geomodeling Technology Corp. is pleased to announce that Jeff Donnellan has joined the company as vice president of Research & Development and CIO, and John Sherman has joined as vice president of Marketing and Business Development.

Jeff Donnellan has over 25 years of experience in the energy and high technology industry sectors, including proven expertise in the positioning of both products and services to drive growth, and was an instrumental member of the management teams at both Halliburton Company and Landmark Graphics. Most recently, Mr. Donnellan was the CTO, Oil and Gas for EDS in Houston, Texas. Other previous positions include vice president, Information Technology at Halliburton and vice president, Information Technology and CIO at Landmark Graphics.

John Sherman brings 19 years of experience in software development and marketing to Geomodeling. His previous positions include executive vice president of Marketing for Landmark Graphics, director of Global Tools and Architecture for Dell, CTO for Energy Solutions and vice president of Business Development for Digital Earth. Mr. Sherman is well-known in the upstream energy industry as the driving force behind the development and success of Landmark's Openworks platform, the long-time industry standard for data and application integration.

Source: Geomodeling Technology Corp.

Olof Persson will assume the position of president of **Volvo Construction Equipment** on November 1, 2008. He replaces Tony Helsham who will remain in the Volvo Group Executive Committee, with a responsibility to support the growth of soft products in the Group.

Olof Persson is currently president of Volvo Aero. He will, as of the same date, be replaced by Staffan Zackrisson, who is presently head of Marketing, Programs, and Sales in Volvo Aero. Olof Persson has been with Volvo since 2006 and has previously held executive positions within the Bombardier Group, ABB and the Daimler-Chrysler Group.

Olof Persson's successor as president of Volvo Aero will be Staffan Zackrisson. He will, as of November 1, also become a member of the Volvo Group Executive Committee.

Source: Volvo Construction Equipment

GRANDS TRAVAUX HEAVY EQUIPMENT

April 3-4 2009

Expo Grands Travaux is back and **BIGGER** than ever

at Olympic Stadium in Montreal, Quebec, April 3-4, 2009. This show is quickly becoming the must attend event for the heavy equipment industry in the province of Quebec and beyond! If you are in the Heavy Equipment Business, Expo Grands Travaux is the venue to kick-start your sales for 2009!

BIG SPACE, BIG EQUIPMENT, BIG AUDIENCE

Big media Partners, including Infrastructures, On-Site Magazine, Aggregates & Roadbuilding, Equipment Journal and the Heavy Equipment Guide, will ensure our extensive media campaign's success and will bring the right buyers directly to you!

Over 9,000 people attended the 2006 show, and 2009 promises to be even bigger!

BOOK YOUR SPACE NOW, BEFORE IT'S TOO LATE!

For more information or to book your location, please contact: Mark Cusack, Show Manager • email: mcusack@mpltd.ca Shawn Murphy, Show Associate • email: smurphy@mpltd.ca

or call Toll Free: 1-888-454-7469

SHOW HOURS

Friday, April 3rd • 10:00am - 6:00pm Saturday, April 4th • 9:00am - 5:00pm Olympic Stadium • Montreal, QC

www.ExpoGrandsTravaux.ca

Endorsed by

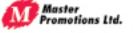








Parc olympique Québec 🎛 Produced by





Agenda

- Sim Congress (Société de l'industrie minérale) October 14 - 17, 2008 Limoges, France
- SAIE08 Salone Internazionale dell'Edilizia October 15 - 18. 2008 Bologna, Italy
- SURF 2008 Symposium on Pavement Surface Characteristics October 20 - 22, 2008 Ljubljana, Slovenia
- 2008 IRF Seminar on Contract Maintenance and Innovative Finance October 19 - 29, 2008 Orlando, FL USA
- Garden & Florist Expo 2008 October 21 - 22, 2008 Toronto, ON Canada
- ICRI 2008 Fall Convention International Concrete Repair Institute October 29 - 31, 2008 St. Louis, MO USA

CamExpo 2008 November 7 - 9, 2008 Quebec City, QC Canada

2nd International IRF Conference on Roads and the Environment November 10 - 11, 2008 Geneva, Switzerland

International Conference on Warm-Mix Asphalt November 11 - 13, 2008 Nashville, TN USA

Congrès INFRA 2008 November 17 - 19, 2008 Quebec City, QC Canada

Civils 2008 November 18 - 20, 2008 Earls Court, London, UK

SISS 2008 International Road Safety Exhibition November 20 - 22, 2008 Verona, Italy

Bauma China 2008 November 25 - 28, 2008 Shanghai, China

Asphaltica Urbania Exhibition of Equipment and Technologies for the Asphalt Industry November 27 - 29, 2008 Padova. Italv

inter airport China December 2 - 4, 2008 Beijing, China

Concrete Sawing & Drilling Association - CSDA 2009 Convention March 3 - 7, 2009 Cancun, Mexico

National Heavy Equipment Show March 5 - 6, 2009 Toronto, ON Canada



INTERY A

World of Asphalt / AGG1 Aggregates Forum & Expo March 9 - 12, 2009 Orlando, FL USA

EXPO Grands Travaux April 3 - 4, 2009 Montreal, QC Canada

Intermat 2009 April 20 - 25, 2009 Paris, France

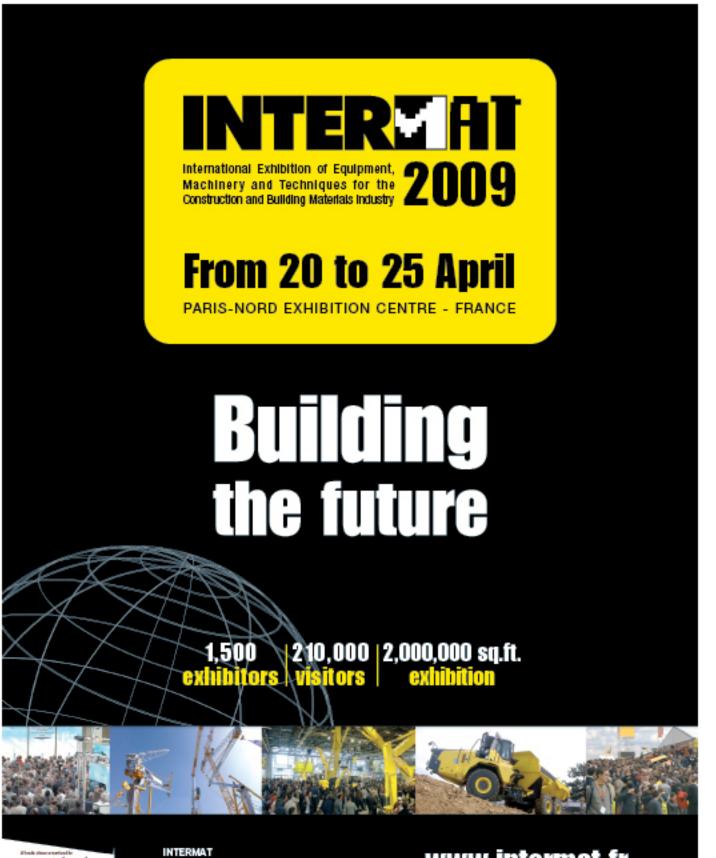
Building Fairs Brno April 21 - 25, 2009 Brno, Czech Republic

WasteTech 2009 6th International Trade Fair on Waste Management, Recycling and Environmental Technology June 2 - 5, 2009 Moscow, Russia

Bauma 2010 April 19 - 25, 2010 Munich, Germany



InfraStructures English Edition October 2008 - page 24



comexposium

INTERMAT q/o IMEX Management, Inc. T: 704.365.0041 - F: 704.365.8426 E: Intermat@Imex.mgt.com www.intermat.fr

