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Volume 13 • Number 2 • February 2008 • *English Edition*



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Volume 13 Number 2
February 2008

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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.

The cost of a subscription for either edition for one year is \$20 for Canadian residents and US\$50 or €50 for U.S. and overseas.

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Bibliothèque Nationale du Québec, 2008

DISTRIBUTED BY CANADA POST
Publications Mail Agreement #40052183

A Word From the Publisher

InfraStructures is again full of products announcements and technical articles useful to the people in the trade.

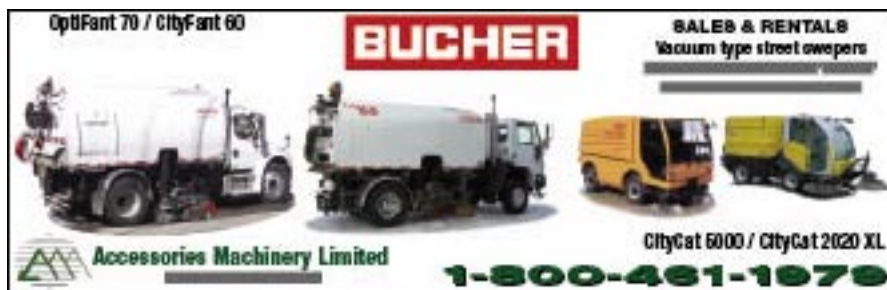
CONEXPO-CON/AGG, which is the most important industry event this year, is given an equally important share of the editorial content of this issue. In order to help you maximize your experience at the show, we added the booth number of the exhibitors with the show's logo. This way, it's easy to mark your favorite – or most important – exhibits to visit while in Las Vegas.

We like to hear from you. Let us know how we can make InfraStructures even better as Canada's leading magazine in the trade.

We hope that you enjoy reading this InfraStructures and will be back next month with more articles on big construction projects and reports from trade shows from all over the world...



Editor/Publisher



On the cover:

As new airplanes get bigger, airports managers all over the world have to get their infrastructures ready to accept the added bulk and weight of big birds like the new Airbus A380.

New technologies permit the construction work to go on rapidly with very little disruptions in the day to day operations of the airports.

DOOSAN INFRACORE AMERICA ESTABLISHES DOOSAN GLOBAL FINANCE

Doosan Infracore America announced recently that it has established Doosan Global Finance, which will serve as a single global finance provider for Doosan Infracore's machine tool, forklift and construction equipment divisions.

Doosan Global Finance will be committed to offering Doosan dealers and their customers tailored attention and unique finance

programs with the same quality and level of service provided by Doosan Infracore.

"We anticipate that Doosan Global Finance will generate economies of scale that will result in improved rates, more competitive wholesale and retail financing programs, and enhanced levels of service for our dealers and end-user customers," says H.S. Lee, president of Doosan Infracore America.

"Our dealers will reap significant benefits," says Rick Schulte, director, Doosan Global

Finance. "We're providing a one-stop shop financing product to our customers. Now that equipment financing is part of Doosan Infracore, we can leverage the vast knowledge of our dealers, customers and industries to insure that we deliver unparalleled equipment and the financing options to match."

Source: Doosan Infracore America
booth: G-260

AECON RECOGNIZED AS ONE OF THE 50 BEST EMPLOYERS IN CANADA

Aecon Group Inc. announced recently that it has been recognized as one of the 50 Best Employers in Canada. The 50 Best Employers in Canada is an influential annual study managed by Hewitt Associates, a human resources outsourcing and consulting firm and published in the Globe and Mail's Report on Business Magazine.

Hewitt selects organizations from across Canada with the greatest employee engagement, based on their investment in employee development and employee empowerment. Hewitt stresses that, for a company to make its 50 Best list, employees must see the connection between their daily contributions and the success of their organization. The final selection of the 50 Best Employers in Canada is a direct result of employees' responses to a confidential opinion survey from Hewitt.

"Aecon is one of only a few new companies to make it onto our list this year," said Neil Crawford, leader of Hewitt Associates' Best Employers in Canada study. "They clearly have a strong employee focus, and their inclusion on the list is testament to their high level of employee engagement and the priority they place on their people culture."

"We are thrilled to be recognized as one of Canada's 50 Best Employers," said Scott Balfour, president and CFO of Aecon Group Inc. "We are strategically committed to being the employer of choice in our industry, and being recognized as among the best in the country this year indicates we are clearly on the right path. It positions us well to continue to attract and retain the best people in the industry."

Source: Aecon Group Inc.

SNC-LAVALIN ACQUIRES MINING ENGINEERING FIRM IN BRAZIL

SNC-Lavalin is pleased to announce the acquisition of Minerconsult Engenharia, a leading multidisciplinary engineering firm of approximately 1000 professionals based in Belo Horizonte, the capital of mining and



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metallurgical engineering activities in Brazil.

The 17-year old consulting engineering firm has world class expertise in material handling, iron ore and bauxite mining. It also provides the full range of services in gold, copper, iron, nickel and bauxite mining from the early stages of conceptual studies to pre-commissioning and start up for clients in Brazil, Latin America and in other parts of the world.

"This acquisition is in line with SNC-Lavalin's strategy of developing wider geographic coverage, continuing to build on our technical expertise, and developing world class engineering skills," said Pierre Duhaime, executive vice president, SNC-Lavalin Group Inc. in charge of worldwide mining and metallurgy operations. "We are now in a better position to take advantage of the current surge in demand for mining and metals activities worldwide, particularly iron ore, and also Brazil's booming economy."

In the past, SNC-Lavalin and Minerconsult have partnered on several projects, including the ongoing work on a \$100 million contract with Anglo American Brasil Ltda to provide engineering, procurement and construction management for a greenfield ferro-nickel plant near Barro Alto, 170 km to the north-west of Brasilia.

"As SNC-Lavalin/Minerconsult, we can offer our domestic and international clients the combined benefits of SNC-Lavalin's international experience and technical expertise and Minerconsult's local presence and technical skills in the mining sector," said Eduardo Eymard Ramos Dias, vice president and general manager, SNC-Lavalin Minerconsult. In addition, our complementary expertise, synergies and similar core values will provide career development and growth opportunities for all Minerconsult staff."

Source: SNC-Lavalin Group Inc.

REGION OF DURHAM WORKS DEPARTMENT HOSTS OFFICIAL OPENING OF ITS NEW MATERIAL RECOVERY FACILITY

On December 13, The Regional Municipality of Durham hosted the official opening of its new Material Recovery Facility (MRF). This state-of-the-art facility, which offers the capacity to process up to 110 000 t/y of recyclable materials each year, was made possible as a result of \$14.8 million in funding through the federal Gas Tax Fund.

"As part of its Building Canada infrastructure plan, the Government of Canada is investing in priority infrastructure initiatives that support a cleaner environment, a stron-

ger economy and a better quality of life," said Jim Flaherty, minister of Finance, on behalf of the Lawrence Cannon, minister of Transport, Infrastructure, and Communities. "Durham Region is a leader when it comes to recycling and this new facility will make the process more efficient and more effective for this fast growing community."

"Across Ontario, the federal gas tax fund is providing municipalities with stable and predictable funding for hundreds of infra-

structure projects that reduce greenhouse gas emissions and better protect our air and water," said Doug Reycraft, president of the Association of Municipalities of Ontario.

The new MRF, which will replace the current Recycling Centre, was designed to keep up with the expected tonnage increases from the residential sector during the next 10 to 15 years. As part of a two-stream process to keep fibres and containers separate, the new MRF uses dual-functioning optical sorters to

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further separate plastic bottles and containers from the stream. These optical sorters, which are the first of their kind in Canada, will increase the quality of processed plastics by offering a recovery rate of about 98% of all recyclables received, decreasing the number of recyclables rejected due to contamination.

"Durham residents have proven their firm commitment to waste diversion programs, as demonstrated by their enthusiastic adoption of our Blue Box and Green Bin programs," said Regional Chair Roger Anderson. "This new 'state-of-the-art' facility provides the opportunity to build on that success. It will allow us to improve our recovery rates and meet our diversion targets, while matching the needs of our growing population."

The new MRF will allow recyclables to be sorted at about 1,7 t/h, which is expected to reduce processing costs by approximately \$2 million each year.

"The new facility will be operated in the most efficient and cost-effective manner possible, which will allow the Region to generate maximum revenue from the recyclables marketed and sold," said Cliff Curtis, commissioner of the Region's Works

Department. "During the first 12 months of operation, the Region expects to process more than 50 000 t from the curbside recycling programs."

The Region of Durham maintains ownership of the site, with a private contractor operating the facility. The completion of this new facility is a significant accomplishment for the Region, as it strives to continuously improve its waste management operations to better serve the residents of Durham Region.

Source: Regional Municipality of Durham

L.E. INC LAUNCHES SYNPATM GEAR LUBRICANTS

Lubrication Engineers, Inc. is proud to launch their latest Enhanced LubricantTM 9705 - 9707 SYNPATM Gear Lubricants. These synthetic Polyalkylene Glycol (PAG) based gear lubricants are particularly known for their extreme pressure characteristics and ability to prevent micropitting. They have been specially formulated to provide strong corrosion resistance, wear protection and thermal stability. SYNPATM Gear Lubricants are outstanding lubricants for all types of industrial gears and plain and anti-friction

bearings under extreme severe service conditions. They are available in ISO Grades of 220 (LE 9705), 320 (LE 9706) & 460 (LE 9707).

The PAG synthetic base fluid of L.E.'s new SYNPATM Gear Lubricants provides superior oxidation and thermal stability for longer lubricant life in tough operating environments. The extremely high viscosity indexes of 242-262 result in wide operating temperature ranges. The PAG also helps to protect against expensive micropitting of gear teeth - therefore helping to increase gear equipment life. It has outstanding extreme pressure performance.

SYNPATM Gear Lubricants are also formulated for excellent corrosion prevention properties in order to protect against rust and corrosion in applications suffering from water contamination. Finally, the SYNPATM has good resistance to sludge formation - ensuring longer lubricant and equipment life as well as less downtime.

Due to the high performance capabilities of the new SYNPATM range, L.E. recommends its use for a variety of applications including: helical, bevel, planetary or worm gears as well as bearing applications calling for oil



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A state-of-the-art engine delivers outstanding suction performance and durable aluminium and stainless steel components give you a machine that is not only built to last, but also protects the environment from dust and noise.

Bucher Schöring strives to ensure continuous machine uptime, long life and low maintenance. Its competence centers are fully ISO 9001:2000 certified. Bucher Schöring manufactures vehicles that provide maximum customer satisfaction whilst delivering the best value for money with the lowest total cost of ownership.

Source: Accessories Machinery Ltd.



lubrication. Typical equipment types include: Textile Machines, Kiln & Oven Bearings, Roller Mills, Pellet Mills, Extruders, Chains & Conveyors and Sliding Bearings.

"We are pleased to offer our valued customers another great addition to our Gear Oil range - our new SYNPATM gear lubricants provide fantastic performance results for applications working in demanding operating conditions. The reliability of expensive gearboxes will be dramatically improved due to SYNPATM," said Scott Schwindaman, president, Lubrication Engineers Inc.

Source: Lubrication Engineers International

VERMEER ACQUIRES MAXI DRILL MANUFACTURER HORIZONTAL RIG & EQUIPMENT

Vermeer, a leading manufacturer of horizontal directional drilling equipment and tooling, has purchased substantially all of the operating assets of Horizontal Rig & Equipment, Inc., based in Conroe, Texas.

HRE is a prominent manufacturer of horizontal directional drilling (HDD) rigs and currently produces three drills with pullback forces of 113 t, 224 t and 450 t. Production of these units will move to the Vermeer manufacturing plant based in Pella, Iowa in early 2008.

The units will carry the Vermeer brand name and be sold through the Vermeer exclusive distribution channel beginning in the spring of 2008.

"The market for drill rigs of this size is robust, as gas, oil and major water and sewer projects have a strong global outlook," says Dave Wisniewski, senior director of Underground Solutions for Vermeer. "While there are competitors in this range of drills, we feel our global sales and service distribution network will distinguish Vermeer in this market."

Source: Vermeer Manufacturing Company

booth: C-7301

VEHICLEPATH HELPS BREAK HEAVY EQUIPMENT THEFT RING

Brown Bros., Inc, a Chattanooga, Tennessee based company focused on grading, excavating, and site utilities had several pieces of heavy equipment stolen over the last few years. Earlier this year Brown Bros. contacted VehiclepathTM and purchased several GPS tracking units to monitor the locations of their heavy equipment.

"We were interested in tracking our heavy equipment for two reasons. Over the past several years we've had more than \$350 000

worth of heavy equipment stolen. Through depreciation and deductibles, our out of pocket expense has been significant. The second reason is the difficulty in keeping track of smaller pieces of equipment. It wasn't unusual for us to spend hours tracking down a backhoe or skid steer that we've lost track of," explained Frank Geismar, Brown Bros. project manager.

Recently, Brown Bros. had a brand new CAT skid steer stolen over the weekend. The

skid steer was equipped with a Vehiclepath GPS tracking unit. Within minutes, Mr. Geismar was able to log on and know exactly where his stolen skid steer was located. He telephoned the police and the sheriff's department and gave them the exact location of where they could recover the stolen equipment. They recovered the unit along with six other pieces of stolen heavy equipment. The skid steer was back on the job site by noon.

Companies are also using Vehiclepath for



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Source: Vehiclepath

NATIONAL SURVEY OF CANADA'S INFRASTRUCTURE ENGINEERS ON CLIMATE CHANGE ISSUES UNVEILED BY CSA

Canadian Standards Association (CSA), a leading developer of standards and codes, announced recently the availability of the results of its National Survey of Canada's Infrastructure Engineers about Climate Change.

The survey, produced by the Canadian Standards Association, indicates that a large majority (82%) of infrastructure engineers believe that the potential impacts of climate change should be considered when making decisions in the design and maintenance of Canada's infrastructure. Climate change impacts include more frequent and intense storms, flooding and water shortages, and changes in historical climate conditions such as the amount of wind, snow and ice.

The survey polled more than 2000 licensed infrastructure engineers about their current

level of awareness regarding technical issues related to climate change, their perspectives on needs and priorities to address climate change issues, and implications for university engineering curricula and professional development programs aimed at infrastructure engineers. Approximately 1800 of CSA's more than 9000 members are involved in the maintenance of more than 200 codes and standards that relate to water, energy, transportation, and buildings issues.

Source: CSA Group

JOHN DEERE AFFIRMS COMMITMENT TO REMANUFACTURING BUSINESS

John Deere Reman - Edmonton was unveiled recently as the new name of the Phoenix Reman Group. The new name reflects John Deere's commitment to the growing remanufacturing business located in the Nisku Industrial Park.

Originally founded as Phoenix Piston Hydraulics in 1984, the company began by repairing hydraulic pumps and motors for a growing regional market. As the company evolved into the Phoenix Reman Group, it broadened its business scope through a Deere & Company partial acquisition in 1996, and eventual complete purchase in 2001.

Today, John Deere Reman - Edmonton produces components for John Deere Con-

struction & Forestry, John Deere Agriculture, Hitachi Construction, and Hitachi Mining customers in North America, Europe, South America and South Africa.

"The quality of workmanship and resourcefulness of our Alberta, Canada staff is exceptional," said general manager Don Flatau. "The team has been able to deliver impressive year-over-year growth in a safe, professional environment."

The product scope has grown in addition to revenue. Axle and transmission revenue now rivals the historic hydraulic component business, and recently electronics remanufacturing has been added to the product offering - all carrying the trustworthy John Deere brand.

John Deere embraces remanufacturing as it has numerous positive environmental benefits and can help customers achieve their environmental initiatives. Remanufacturing is an environmentally responsible process, where not only the material is saved, but all of the other resources such as energy, labor and engineering skill originally employed to make the part are fully recovered. Approximately 85% of the energy expended in the manufacture of the original product is preserved in the remanufactured product.

Source: Deere & Company

SNC-LAVALIN AWARDED BC'S COAST MERIDIAN OVERPASS CONTRACT

SNC-Lavalin is pleased to announce that its Vancouver-based division, SNC-Lavalin Constructors (Pacific) Inc. has been awarded a contract by the City of Port Coquitlam, British Columbia to design and construct the Coast Meridian Overpass.

The \$94.5 million contract involves the design and construction of a 580 m cable-stayed bridge over the CP Railway yards linking north and south Port Coquitlam, with two lanes in each direction, a sidewalk and two bicycle lanes.

"We are very pleased with this opportunity to work with the City of Port Coquitlam on such a key infrastructure improvement for local residents, and the City's many visitors," said Jim Burke, executive vice president, SNC-Lavalin Group Inc. "The overpass will provide a new transportation link between the north and south parts of the City, and will reduce congestion on other access routes. We look forward to meeting the challenges of this exciting project and delivering this critical piece of transportation infrastructure for the region."

Ride-Rite™ Air Helper Springs Available for New Toyota Tundra

Firestone Industrial Products Company, LLC has announced the availability of its Ride-Rite air helper springs for the new Toyota Tundra, both 2WD and 4WD.

The Ride-Rite kit provides heavy duty support for Tundra owners to safely and comfortably tow heavy loads by using air pressure to adjust Firestone's air helper springs, compensating for varying load capacities and road conditions.

"Truck owners hauling heavy equipment or large campers need Ride-Rite air helper springs to help keep their vehicle level and improve steering while driving," said Paul Gibson, product manager, Firestone Industrial Products, Ride-Rite division. "Because each of our systems are specifically designed for each application, we can help them maintain safe load-carrying capacity and ride quality for the Toyota Tundra."


Additional benefits of Ride-Rite systems

include maintaining braking effectiveness, reducing tire wear, leveling off-center loads - individual inflation valves allow for separate side-to-side adjustment - and increasing vehicle stability.

Firestone's Tundra Ride-Rite kit includes everything needed for an easy installation that typically takes less than one hour and comes with a two-year limited warranty. The system's reinforced double convoluted air springs install between the frame and the axle, and the kit utilizes the vehicle's factory holes for "no drill" installation.

Firestone also offers the Air-Rite™ air accessory system to complement the Tundra Ride-Rite kit, which enables drivers to make air pressure adjustments with a push of a button installed on the dashboard.

Source: Firestone Industrial Products

 booth: 809

9-Yard Tandem Axle Configuration Available for Vactor HXX Prodigy Vacuum Excavator

Vactor Manufacturing has announced the availability of a larger debris body for the HXX Prodigy Vacuum Excavator – an optional 9-yard debris tank mounted on a tandem axle chassis. The HXX Prodigy uses vacuum excavation methods to perform non-destructive digging for such applications as slot trenching, potholing, water valve box repair and locating of existing fiber optic lines, cables and other utilities. Vacuum excavation provides minimal ground disturbance and virtually eliminating the risk of damage to existing underground utility lines.

Lighter and more compact than the full-sized Vactor HXX HydroExcavator, the HXX Prodigy – both the standard 6-yard configuration and the optional 9-yard configuration – is specifically designed for mobile applications. The HXX Prodigy features an above-deck compressor system that does not need a holding tank to build pressure, which eliminates the wait time some units require for pressure to build up.

Using hydro-excavation, the HXX Prodigy

blasts away soil with jets of 10 to 20 gallons of water per minute, at rates from 1500 to 2500 psi, depending on the pump selection, pressure adjustment and nozzle tip configuration. For applications where dry digging is preferred, the HXX Prodigy also comes with an optional air excavation system, further adding to its versatility.

Both the HXX Prodigy and the HXX HydroExcavator facilitate digging in frozen ground, with optional on-board water heaters. The 400 000 BTU or 900 000 BTU water heaters available on the HXX Prodigy allow the operator to cut through frozen ground or heavy clay.

The industry leader in sewer and catch basin cleaners for more than 45 years, Vactor Manufacturing produces a wide range of



combination sewer cleaners and jetters for sewer line maintenance, as well as specialty products including vacuum excavators and glycol recovery vehicles. Vactor Manufacturing is a subsidiary of Federal Signal Corporation's Environmental Solutions Group.

Source: Federal Signal Corporation

Vactor Manufacturing

booth: RP-36023

The sod-turning for the project is scheduled for the end of the month, and project completion is slated for January 2010.

Source: SNC-Lavalin Group Inc.

EATON RECEIVES BEST SUPPLIER AWARD FROM JCB

Diversified industrial manufacturer Eaton Corporation has received the Best Supplier Award for Outstanding Efforts from JCB India Ltd. The award recognizes the efforts of Eaton's Hydraulics Operations sales staff and Engineering Center employees in India in supplying steering control units for the hydraulic systems on JCB India's 3DX heavyweight loader backhoes, produced in Delhi, India.

Eaton was the only supplier to earn the top recognition from JCB India for its innovation and technical support in replacing the 3DX backhoe's separate steering unit and priority valve with a steering unit featuring a bolt-on priority valve. Eaton's integrated design has resulted in significant cost savings for the customer and a higher flow rate than that achieved by the original design.

"JCB India's Best Supplier Award marks a value-creating opportunity for Eaton," said

William R. VanArsdale, Eaton vice president and president—Hydraulics Operations.

"The award is recognition of Eaton's focus on customer relationships, innovation and operational excellence. In addition, this win positions us to grow with JCB globally, ranking Eaton as a major hydraulics player in India's construction equipment industry."

Vipin Sondhi, managing director of JCB India's Delhi operation, presented the award to Uday Yadav, Eaton vice president and general manager – Asia-Pacific Hydraulics Operations, at JCB India's supplier meeting on November 29, 2007 in Delhi.

"Since JCB is a leader in the construction equipment industry, highly focused on quality, and one of the fastest growing companies in this market segment in India, recognition from JCB is very important to us," Mr. Yadav said. "Construction equipment is a focus area for Eaton's India operations, and this award demonstrates that our sales and engineering team in India delivered results by creating value for the customer and differentiating Eaton from the competition."

Source: Eaton Corporation

booth: S-13027

TEREX ACQUIRES MAJORITY STAKE IN INDIA JOINT VENTURE

Terex Corporation recently announced that it has acquired a controlling share of its ongoing joint venture, Terex Vectra Equipment, which builds loader-backhoes, skid steer loaders and compaction rollers at a facility in Greater Noida, Uttar Pradesh, India. Terex now owns 70% of the venture, which began operations in 2003.

"As India's impressive and steady infrastructure development has progressed, Terex Vectra has seen a significant increase in sales, particularly in loader-backhoes, a large and rapidly growing market in that country," said Robert Isaman, president, Terex Construction. "The acquisition of majority ownership of Terex Vectra is a logical step in our strategy of expanding the Terex market presence in India and we are encouraged by our early successes. The increased ownership also provides Terex with control over operations and manufacturing, which will allow us to accelerate our integration strategy and business systems implementation."

Source: Terex Corporation

booth: G-200

A Preview of CONEXPO-CON/AGG and IFPE 2008

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and slopes and to extract and drive in posts and sheet pilings.

Source: Atlas Copco

booth: C-7321

LAUNCH OF THE TELESCOPIC BIG BOOM FROM HAULOTTE

Haulotte Group, the global manufacturer specializing in equipment that lifts people and material lifting equipment, has used its expertise to respond to customers' needs with the launch of the innovative 28 m Telescopic Big Boom HB86 TJ+ (H28 TJ+)



The new big boom HB86TJ+ (H28 TJ+) makes your work easier and allows you to operate in a wider range of working environments with an outreach of 23 m. The 2,44 m platform can support loads up to 350 kg and the 5 m telescopic jib with proportional controls allows to reach the most inaccessible worksites.

Source: Haulotte Group

booth: G-236

of concrete precast blocks and so its velocity is its best value.



The 85SP is the most powerful crane in PM product range; it is equipped with continuous slewing system and PM Power Tronic electronic management system.

The 85027SP+J1204.20 is able to reach a maximum working height of 33 m loading 910 kg.

Source: PM North America LLC.

booth: RL-43033

HYDRAULIC COMPACTORS AVAILABLE WITH ROTATION DEVICE

The range of Atlas Copco hydraulic compactors is now also available with a standard "PermanentLube" lubrication system as well as an optional rotation device.



The PermanentLube lubrication system turns the compactor into a practically maintenance-free attachment. The optionally available 360° endless rotation device allows the compactor to be positioned with greater ease in all applications. Especially in trenches and other areas which are difficult to access, the rotation device clearly boosts the productivity. Atlas Copco is offering the rotation device for all compactors from HC 308 onward as an optional feature – also as a retrofitting kit.

The six different models are designed to be attached to carriers with a service weight of 1 to 40 t. They are used to compact soil

IMT BREAKS NEW GROUND WITH INTEGRATION OF HYDRAULICS INTO DODGE AND STERLING CHASSIS



In keeping with its long tradition of industry innovation, Iowa Mold Tooling Co. Inc. (IMT) announces the successful integration of a hydraulic crane and air compressor into the new Dodge Ram 3500, 4500 and 5500 chassis, as well as the Sterling Bullet chassis.

IMT has been selling Dominator DSC20 and Dominator I service bodies with electric telescopic cranes mounted on these Class 4 and 5 chassis since their introduction in 2007. As an industry leader, IMT overcame the technical challenges posed by the new Dodge and Sterling chassis to offer customers hydraulic crane and air compressor op-

PM GROUP AT CONEXPO-CON/AGG 2008

PM North America LLC, sales branch of PM Group S.p.A. in the United States of America, is going to show one of its best seller on the North American market, the 35LC USA, and a brand new crane, a model of the 85SP series, the 85027SP + J1204.20.

The 35LC USA is a PM series especially developed for the North American market, in fact it is equipped with two separated hydraulic control valve blocks, which are linked to two different pumps, that allow the crane to move faster and so to be more productive than a crane with a single valve block. The 35LC USA is used for loading and unloading

tions. Electric cranes are best for customers whose lifting needs are fairly light and whose duty cycles are intermittent. However, customers who need to lift more than 3000 kg or who use the crane more than once or twice a day will need a hydraulic telescopic crane.

Source: Iowa Mold Tooling Co., Inc.

🌐 booths: N-2141, S-8007, S-813

RUBBLEMASTER INTRODUCES THE RM-100

Rubble Master and Voghel Inc. present their flagship product, the RM100 crusher, to the North American market at CONEXPO-CON/AGG 2008.



The RM100, the latest addition to the Rubble Master® product line, sets new standards as the best performing compact crusher on the market with its extraordinary capacity for daily production up to 200 t/h.

Source: J.Y. Voghel Inc.,

Voghel Enviroquip Inc.

Rubble Master Systems, Inc.

🌐 booth: B-966

THE BHP350 POWER PACK FOR MAXIMIZING MULCHING PERFORMANCE



A true innovation in mulching technology, the new generation BHP350 Power Pack offers peak grinding power by maintaining virtually constant horse power to the grinding head. It is controlled by Fecon Power Management™ microcontroller that directs all of the available Power directly to the mulcher. The microcontroller manages engine and hydraulic performance in real time. A control panel inside the excavator's cab allows the operator to monitor operation and see that the mulcher is getting maximum horsepower

at all times. Reduced fuel consumption, and improved engine power are additional benefits offered by the Fecon's BHP350.

The BHP350 Power Pack features a 350 hp Cummins Engine powering two high performance hydraulic pumps that will provide 530 l/min of hydraulic flow to the grinding head.

Fecon has also ensured easy accessibility to the engine and components for routine maintenance.

Source: Fecon, Inc.

🌐 booths: B-942, C-7561

IRONPLANET'S ONLINE AUCTIONS

IronPlanet™ is the leading online auction company for buying and selling used heavy equipment and trucks. They provide detailed inspection reports on hundreds of items and guarantee equipment condition with the IronClad Assurance – their promise that inspection reports are true representations of equipment condition. By eliminating transportation and make-ready costs and drawing

a global audience, IronPlanet delivers lower channel costs and better price realizations.



IronPlanet also facilitates the sale and purchase of each item on its Web site to provide a secure transaction. Once a buyer wins an item, the buyer is required to pay IronPlanet directly. IronPlanet then notifies the seller to release the equipment. When the equipment is received by the buyer and its condition verified, IronPlanet releases payment to the seller. IronPlanet moderates any disputes to ensure a fair solution is reached.

Source: IronPlanet

🌐 booth: C-5522

Now Even Better at Rayco-Wylie

At CONEXPO-CON/AGG 2008, Rayco-Wylie will introduce its new i3500 which is a derivative of the i3000. "The display is identical to the i3000 with its graphical interface with the machine", says Frank Beardsley, technical director for Rayco-Wylie Systems. "Easy to use, it provides all the crane indications you need and has advanced optional features such as data collection and remote transmission. The system is extremely flexible. Owners can add such options as data logging, hook height, rope speed, and range limiting. The i3500 is the newest complete crane information center."

Designed for OEM's the i3500 is fully CanBus with "plug and play" sensors for a quick installation and can be precalibrated. The calibration requires no extra hand-held device as it is performed using the display keypad. The i3500 accommodates worldwide users with 9 languages to choose from, choice of measure units and international symbol keypad.

The i3500 will also be available in the retrofit market! It has limitless capabilities to please any end-user. The best example is what it can do for crane rental companies – especially for dry leasing. The i3500 can integrate its own crane lifting information with the existing crane CanBus network and transmit this combined data (including GPS location) to the fleet manager. The information is transmitted via satellite to a determined e-mail address at preset times or sent as alerts any time. It is also accessible via the Rayco-Wylie server at any time from almost any country in the world. This is an indispensable tool for any fleet manager as this will permit a better assessment of crane utilization and will improve the maintenance cycles of each crane. Knowing where your cranes are, how much they are lifting and exactly when the leased running time is reached are just the beginning of what the real-time fleet management option can provide.

By constantly striving to introduce new products that the customers demand Wylie Systems is proud to continue the pioneering spirit that has made them innovators in the crane monitoring industry since 1934. The new i3500 complements the existing line of Wylie crane monitoring instrumentation which includes wireless and cabled anti-two-block warning systems, combinations of load, angle, length, radius and two-block indicators, total moment and hoist tension line rated capacity indicators and especially engineered offshore applications.

Source: Rayco-Wylie Systems, 🌐 booth: B-944

Little-Ton Sand & Supply Remains Loyal to Sterling Trucks

They have worked for the family business since they were children, and now Joe Littleton and his brother John own and manage their family sand and gravel business - Little-Ton Sand & Supply, based in Indianapolis, Indiana.

"It's the only job I've ever had," Joe Littleton said. "It's like farming. It gets in your blood, and then it's all you want to do. I like doing it though, and it was my dream to eventually take over the family business."

In 1998, the two brothers bought the company from their father, who started the business in the 1960s. Their business has doubled since they took over.

Little-Ton hauls sand, dirt, stone and concrete to general contractors, demolition contractors and any company in the six counties surrounding Indianapolis.

The family business has been a loyal customer to Sterling throughout its life. The company currently runs a fleet of 60 Set-Back L-Line trucks and 7 Acterra® trucks.

"Since we've been in business, we've never owned any other brand of truck. Our local dealership - Stoops Sterling in Fort Wayne, Indiana - started selling Sterling the same year we took over the business,"

Joe Littleton said. We had some of the first Sterling® trucks in the Indianapolis area."

This year, the company purchased 32 more Set-Back L-Line trucks and 8 more Acterra trucks and ordered 5 more Set-Back L-Line trucks for March 2008.

"Sterling trucks help us succeed because they're cost effective," he added. "I also like the Sterling dealer network. They keep an eye on us and our needs. 95% of the time, they have the parts that we need in stock."

"Our Sterling trucks are dependable and easy to maintain. My drivers like the comfortable, roomy cab. And I know they love the power of the MBE 900 engine," he concluded.



Mr. Littleton had his new trucks custom painted with his company's colors. They are also equipped with air conditioning, comfortable seats and TufTrac® suspension, which is designed to maintain a uniform load over each wheel to retain maximum traction.

The U.S. truck transportation industry has been experiencing a national shortage of truck drivers that has become a limiting factor in the operations of many companies. However, Little-Ton has not faced any issues with driver retention by offering good wages and providing good equipment to its drivers.

Source: Sterling Truck Corporation

booth: 2632

booth: S-9215

Are you using the right parts?

In preparation for CONEXPO-CON/AGG 2008, Columbia Steel Casting Co. recently audited its jaw and cone patterns for wear parts, all manufactured at its U.S. foundry, and the numbers may come as a surprise in an industry in which outsourcing is increasing.

Columbia Steel offers over 1900 replacement jaw designs engineered to fit over 380 jaw crusher models. Among these, the Pioneer® 30x40 represents the model for which Columbia manufactures the greatest number of jaw wear parts, accounting for 52 jaw designs and 136 matched pairs for customers' specific crushing needs.

"In calculating these latest numbers, alloy choices and duplicates that can be used on different crushers were not included, leaving only unique designs to be counted," explains Alan George, communications manager, adding, "As part of the criteria for the cone crushers counted, only those with bowl liners were considered."

Those cone designs added up to over 1100 available for over 120 cone crusher models.

One popular example is the Nordberg® 121 cm short head cone crusher, for which Columbia offers 51 replacement cone designs. For this model alone, 74 matched cone pairs have been made available to Columbia customers.

According to product engineering manager Chuck Hendrickson, the record number of designs is a direct result of developing wear parts in response to customer requests to resolve specific crushing situations. "When applied properly, some designs - like concave and convex profiles - significantly affect jaw crusher performance. Even minor differences in physical appearance can improve operating performance: for example, shortening the discharge point on a movable jaw to allow a better stationary and movable match-point on closer than normal run discharge settings. For



the customer this can mean improved wear life of up to 25% - sometimes more."

"We get more positive results with the proper or improved geometry being used in the wear part than from alloy selection. The material specification is secondary in 7 out of 10 situations. This is true assuming the material is as good as it can be and is properly applied, in terms of wearability and fatigue resistance," Mr. Hendrickson adds.

Source: Columbia Steel

booth: C-6535

Smarter, Smaller and Stronger, Hydraulic Above-Deck Air Compressor Unleashed by VMAC

VMAC announced recently the release of North America's "lightest and most compact above-deck hydraulic air compressor available in its class", the PREDATAIR40.

Delivering up to 40 CFM and 150 PSI at a dry weight of 150 LBS, the rotary-screw PREDATAIR40 provides a unique combination of power and compact installation. For today's operator, this combination translates into savings in deck space and payload, without compromising airpower required on the jobsite. "Users tend to underestimate how much air their pneumatic tools require, buying heavy and less powerful air compressor systems



incapable of powering tools for optimum performance. The VMAC PREDATAIR40 runs impact guns, air ratchets, hand-held chisels, air chucks and hammer drills with ease, and all from a 43x45x61 cm package."

said Eric Bertram, account representative for Central U.S.

According to VMAC, size and output is only the tip of the engineering iceberg. The PREDATAIR40 is also boasting sophisticated system intelligence and user-interface.

"We've outfitted the PREDATAIR40 with cold and soft start features, unload circuit, standby mode, service reminders and system status display. Unlike other hydraulic air compressors, the

PREDATAIR40 protects itself and the hydraulic system, saving maintenance and fuel costs, and allowing for operation in extreme climates." said Sam Melvin, engineer.

"As Canadians, we know cold. That's why VMAC systems have built-in freeze protection for operation in cold temperatures," furthers Eric Bertram.

The rotary-screw PREDATAIR40 can operate at 100% duty cycle, and includes its own cooling system and a remote LCD digital control box, complete with system diagnostics, servicing intervals, compressor and hydraulic temperature readings, and total system hours.

Quoted by VMAC representatives as the "smarter, smaller, and stronger" hydraulic air compressor, the PREDATAIR40 will be on display at the NTEA Work Truck Show in Atlanta, Georgia.

Source: VMAC

booth: 1852

booth: S-542

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Builder RM Power Model Makes Construction Layout & Measurement Faster & Easier

Leica Geosystems' new Builder RM power now adds a fourth member to the Builder family with an advanced multi-mode EDM, a mobile phone style keypad, and new features with the built-in Leica PowerSite Software.

Leica Geosystems' Builder family helps construction experts meet today's challenges for faster layout and site measurement tasks. The new Leica Builder RM power is equipped with the most advanced EDM in the construction market and a mobile phone style keypad for fast data entry. Construction users get the highest degree of measurement accuracy, quality and reliability even under the toughest conditions. Simply aim and shoot to difficult targets such as wall corners, remote steel or concrete structures for fast, accurate layouts and measurements.

Leica Geosystems' easy-to-use keyboard and display gives the Leica Builder RM power unrivalled operational simplicity. Coupled with outstanding performance and accuracy, its unique and straightforward operation

accelerates construction site tasks including layout or as-built checks. New features of the Leica PowerSite Software make complex tasks such as layout of curved structures, measuring to hidden points and layout using intersection points or grid points easy. Graphical elements guide the user through all operations.

The Leica Builder is specially designed for construction use.

Robust, it withstands wind, weather, dirt and it is easy to transport. The easy-to-use features speed layouts and measurements to save time in the field. The four models Builder T, Builder R, Builder RM and Builder RM power are based on the same Leica PowerSite Software and all models work the same way. Switching or upgrading from one model to the next is extremely easy - users only need to learn the new features.

With close to 200 years of pioneering



solutions to measure the world, professionals worldwide trust Leica Geosystems products and services.

Leica Geosystems is best known for its broad array of products that capture accurately, model quickly, analyze easily, and visualize and present spatial information.

Source: Leica Geosystems

booth: S-16805

Liebherr Expands Presence at World of Concrete

Liebherr displayed three of its top-line products at the World of Concrete trade show, held in Las Vegas January 22-25, 2008. The company showcased its L 528 and L 550 wheel loaders, and A 900C Litronic wheeled excavator. This year's exhibit space was more than twice the size of last year's, showing Liebherr's continued dedication and commitment to the American market.

When it comes to economy, conventional wheel loaders are no match for Liebherr's L 528 and L 550 wheel loaders. The Liebherr driveline combined with low operating weight and high tipping load results in up to 25% less fuel consumption than conventionally-driven wheel loaders.

The Liebherr wheel loaders are not only fuel efficient but comfortable. The ultra-modern cab design allows the operator to achieve better performance and productivity. The displays, controls and driver's seat are carefully coordinated to form a perfect ergonomic unit.

And no one can beat Liebherr's performance. The combination of the Liebherr hydrostatic driveline and the unique position of

the diesel engine allows for higher tipping loads at low operating weight. This leads to significantly higher productivity with no need for unnecessary counterweight.

The large Liebherr wheel loaders are equipped with the 2plus2 gearbox, so tractive force and speed are automatically adjusted to the requirements without the driver having to shift.

The A 900C is the latest offering from the world's largest manufacturer of wheeled excavators. Weighing in at 18 000 kg, the machine is powered by a purpose-built Liebherr D-924 Tier III compliant diesel engine producing 118 hp at 1800 rpm. Liebherr designed electronics precisely control all engine functions to optimize performance and efficiency and 4 operating modes allow the operator to



match engine and hydraulic output to achieve maximum production and efficiency.

The optional Liebherr quick coupler can also automatically make the hydraulic connections from tool to machine, allowing the operator to change hydraulic tools without ever leaving the comfort of the cab.

Source: Liebherr Construction Equipment

booth: G-370

Trimble Technology Takes on Largest Road Project in Western Australia

Trimble announced recently that its machine control systems and two-way data communications technology are being used for the construction of the New Perth Bunbury Highway-the single largest road project ever undertaken in Western Australia.

When completed, the new 70 km section of New Perth Bunbury Highway will provide motorists with a continuous dual carriageway from Western Australia's capital city Perth to the state's major commercial centers and tourist destinations in the South West. The project is expected to be constructed over three years and will include the placement of approximately 9 million m³ of soil to raise the road alignment above low lying areas subject to seasonal inundation.

Responsibility for the highway's design and construction lies with the Southern Gateway Alliance (SGA). According to Tony Cariss, construction coordination manager for the SGA, seasonal conditions, the scale of the work, and the relatively short lead-time means that construction needs to follow extremely close behind the design work.

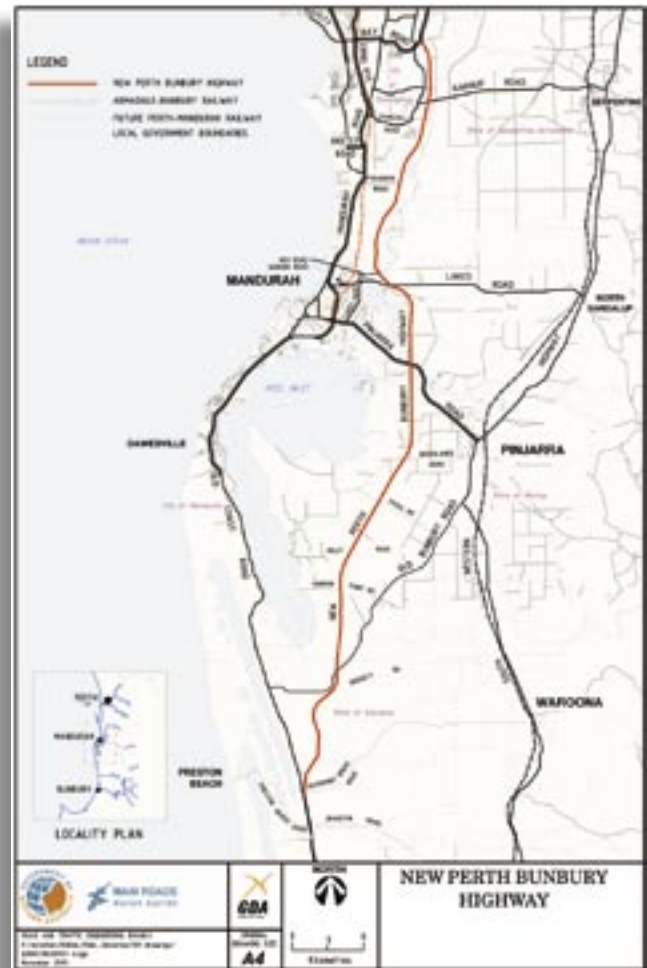
"Trimble technology has offered us precisely the solution we needed to fast track the project," said Tony Cariss. "We needed accurate machine positioning for construction purposes and an instant two-way data transfer between the field and design office."

Haefeli-Lysnar, Trimble's distributor in

Western Australia, met the alliance's requirements with a Trimble Connected Site™ solution that includes a unique combination of Trimble machine control systems and a Trimble wireless communications network that represents an innovative application of the technology.

GPSNetwork Perth, which utilizes Trimble® VRS™ Global Navigation Satellite System (GNSS) infrastructure network technology, is being extended into the construction corridor and a network of radio towers are being built along the highway alignment. Via a 900 MHz Trimble SNB900 radio and router at each tower, both VRS position correction data and construction data files will be transmitted simultaneously and selectively to the earthmoving machines.

At the same time a Trimble SNR900 radio



in each machine transmits data back through the network to the office 100 km away in Perth, where design staff use Trimble SiteVision® Office software to handle the data and view, in real time, the computer screen and site-level data at each machine's location.

With this innovative technology, the time between a machine recording field data and a new design file coming back to the machine requires only a few computer key strokes in the design office.

To date, 25 SGA machines have been fitted with Trimble machine control systems. The systems include seven dual-antenna Trimble GCS900 grade control systems with laser augmentation and three single-antenna GCS900 systems for fully automated work on graders and 15 single-antenna GCS900 systems with indicator modes for dozers, wheel loaders and supervisor's vehicles.

The New Perth Bunbury Highway is scheduled for opening in December 2009.

Source: Trimble

booths: S-17411, S-890

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The Airbus A380 will land at Amsterdam's International Airport Schiphol on a regular basis very soon. Dutch contractor Reef Infra B.V. built the new, suitably large and stable parking and traffic for the big airplane, using a Wirtgen slipform paver SP 1600.

Reef Infra B.V. did not use stringlines for levelling, but relied instead on the numerous

off weight of 560 t, which is higher than that of any other civil aircraft. To account for these high loads, the SP 1600 was equipped with a dowel bar inserter which reinforced the concrete by inserting dowel bars with a diameter of 45 mm at 5 m intervals. The paver's central tie bar inserter inserted longitudinal tie bars to reinforce the concrete across the paving direction. The slipform paver was additionally equipped with a heavy-duty oscillating beam and super smoother to ensure good surface evenness. A well-rehearsed team followed behind the slipform paver, applying a special manual broom finish and spraying a dispersion to prevent the concrete from drying out.

RELIABLE TECHNOLOGY REQUIRES LESS PERSONNEL

The well-organized crew from Reef Infra B.V. needed a surprisingly small number of personnel for the many different jobs to be carried out. In addition to the site manager and truck drivers responsible for transporting the concrete, no more than 2 machine operators, 6 concrete workers and 2 crew members taking care of the wireless control system worked in the immediate vicinity of

with a highly mature machine control system that furnishes all signals for steering and height adjustment enable the slipform paver to achieve such a high degree of precision. In this project, the specifications for cross-section, line and level of the concrete pavement were not fed into the machine's control system by scanning a stringline, however, but via the computer of the wireless 3D levelling system. This 3D controller made by Leica Geosystems uses a special interface to communicate with the SP 1600's standard levelling and steering controller.

An increasing number of Wirtgen customers have meanwhile discovered the benefits of this system. Road and railway construction companies have praise, in particular, for the drastic reduction of error sources, decrease in set-up times, improved safety and integrated documentation.

Two prisms are installed on the slipform paver, each of which has direct visual contact to a total station. The total station establishes the position of the prism at a frequency of 10 Hz. The measured results are then transmitted by radio to the system's computer on the paver. Two multi-axial slope



benefits offered by wireless control.

Altogether, the SP 1600 placed a total of 31 500 m³ of B 55 grade concrete for the new parking areas. During the second construction phase in spring 2007, a total surface of 27 000 m² was built in just 5 days: 6 sections of 450 m length, 10 m width and 42 cm thickness each, corresponding to a paving volume of some 2000 m³ per day. The Wirtgen slipform paver worked non-stop.

The XXL-size aircraft has a maximum take-

off weight of 560 t, which is higher than that of any other civil aircraft. To account for these high loads, the SP 1600 was equipped with a dowel bar inserter which reinforced the concrete by inserting dowel bars with a diameter of 45 mm at 5 m intervals. The paver's central tie bar inserter inserted longitudinal tie bars to reinforce the concrete across the paving direction. The slipform paver was additionally equipped with a heavy-duty oscillating beam and super smoother to ensure good surface evenness. A well-rehearsed team followed behind the slipform paver, applying a special manual broom finish and spraying a dispersion to prevent the concrete from drying out.

Excellent machine engineering combined

sensors integrated in the machine additionally determine the paver's longitudinal and cross slope. The system computer uses these data to calculate the machine's actual position and direction of travel. The position data are compared with the design data previously stored in the system's computer as a digital model. Any deviation is forwarded by the system computer to the SPS of the slipform paver within the fraction of a second. The SPS then initiates the required corrections

in level, inclination and steering angle of the crawler tracks. The resulting concrete cross-sections meet the specified requirements with pinpoint accuracy. Processing the data in the system computer also enables a complete documentation to be generated of the paving operation.

FAST, SAFE AND ACCURATE

Concrete paving without using stringlines saves on installation and removing time. Drivers of transport trucks and mixer trucks do not need not pay attention to tensioned stringlines and can drive up to the paver straight away. The system also provides increased safety for the crew working on site, as the wireless system eliminates the hazard of stumbling over the stringlines.

Touching the stringlines may alter their surveyed position, resulting in an incorrect position of the paved concrete layer. This is particularly critical, because damages to the stringlines or an alteration of their position are not necessarily visible to the naked eye. This cause of sometimes serious mistakes is eliminated completely when using the wireless control system.



Reef Infra's engineers Willem Verstraaten (left), Product Manager Concrete Paving, and Site Manager Tom Steenhagen rely on Wirtgen's slipform paving technology.

Civil engineer Willem Verstraaten is highly satisfied with the SP 1600 and its wireless control system. "Here at Schiphol, we would have had to install the stringlines in the very hard subgrade. That would have involved an extremely high effort. The wireless control system allowed us to save both the time and the costs. And the result meets all our expectations: It's perfect."

Schiphol is situated at an average altitude of some 3 m below sea level, making it the

lowest-level airport in Europe. In earlier years, the polder in which the airport lies was a large lake, and countless ships went down in its waters. The airport's name refers to the history of its location, as "Schiphol" means as much as "ships' hell". With 46 million passengers and 1,5 million t of airfreight in 2006, Amsterdam's Schiphol Airport is Number 4 in Europe.

Source: Wirtgen Group

booth: S-500

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Hydrema 912C Dump Truck: the Perfect Fit

Sunrise Unlimited, a full service landscape and construction company based in New Jersey, recently purchased a Hydrema 912C articulated dump truck to handle their specific landscaping and construction needs at residential developments.

Hydrema's 912C is designed with a Multi-Tip configuration, which allows the dump body to swing 90° left and right to unload material.

Sunrise is currently working on a residential project, which will consist of 88 homes when completed. To date, Sunrise has cleared the 20 ha site, stripped and stockpiled thousands of tons of top soil and completed all sewer and storm pipe work.

Sunrise is now focused on the project's next phase, which is backfilling around the housing unit foundations and starting the initial landscaping by spreading topsoil around the completed homes.

"The 912C is perfect for my specific construction and landscaping projects," states Mike Aspinwall, president of Sunrise Unlimited.

"The housing units in this development are very close together. This project requires a piece of equipment that can fit between these houses and that has very low ground pressure. Low ground pressure is important because it reduces the chance of cracking curbing and leaving marks on finished concrete driveways."

The 912C has been also eliminating a lot of physical labor. Sunrise is using the 90° dump body to cover pipe trenches throughout the job.

The 912C is equipped with 5,8 m³ dump capacity and uses a 4,4 l Perkins diesel engine, rated at 123 hp, which gives it excellent power for hauling loads over tough terrain.

The 912C's wide tires enable it to operate in challenging conditions, regardless of whether the terrain is soft, steep or covered by deep snow. The dump truck is also well-suited for use on golf courses, due to its low

weight and the geometry of the pivot, which subjects the ground to minimum damage.

The 912C Series Dump Trucks are made of



high tensile steel with all-welded construction providing strength and stability on the job.

The wide tipping angle and ground clearance of the body guarantee faster unloading times than traditional dumps.

Source: A/S Hydrema

Hydrema Baumaschinen GmbH

booth: S-614-2

M&M Logging Relies on the Seppi & Bron Duo

Mike Daniels, of M&M Logging in Slave Lake, Alberta was looking for a new business venture after selling his contract tree harvesting operation. He found it in Mulching.

Mulching is one of the fastest growing sectors of the Forestry Industry as economic and environmental opportunities have created the need for this service.



Oil exploration firms need mulchers to cut pathways into the woods in order to locate new oil deposits, and recent "No Burn" laws and "Clean Site" laws have created the need for mulchers to mulch slash and waste wood.

Mike Daniels selected the Seppi Superforst and Bron 400 series tractor for a tough combination of heavy mulcher design along with Bron's legendary high horsepower and low ground pressure tractor. A perfect match for unforgiving Northern Alberta mulching conditions, where there is often muskeg or very sensitive ground to be mulched.

The St. George Company Ltd. has been distributing innovative products for construction, forestry and agriculture for 25 years. Headquartered in Paris, Ontario, with a satellite office in Foremost, Alberta, The St. George Company Ltd. and its dealers provide sales and service for the complete Seppi line of mulchers from 50 to 750 hp.

Source: The St. George Company Ltd.

RWF Industries / Bron Booth: RL-46031

Supavac pump on Display at EXFOR



Supavac™ pumps are proven to reliably transfer flowable sludge, slurries, hard solids, and even sand and rock, where the use of submersible, centrifugal and diaphragm pumps result in excessive maintenance and downtime or are not a viable option.

Supavac solids transfer pumps are specially designed to move lots of solids with a minimum amount of flow, and the addition of makeup water is usually not required.

Come and challenge our factory engineer with your toughest application! The portable SV110V pump will be on display as well as an amazing action video on the big screen.

Source: Supavac Canada Inc.

Booth 909

Congress 2008 – 35 Years as the Industry's Leading Show

Congress is Canada's foremost attraction for those in the horticultural lawn and garden trade and this year it set the pace for the upcoming 2008 season. With over 750 exhibitors and 32 000 m² of exhibits Congress 2008 displayed all of this year's hottest must-have products and ideas.

Congress 2008, held in Toronto January 8-10, hosted 12 781 green trade professionals. Attendees were given the opportunity to interact with the industry's latest in technology and newest products ranging from nursery stock and outdoor power equipment to garden tools and greenhouse supplies to irrigation products and other landscaping accessories and services.

The concurrent Congress Conference, the premier educational event in Canada for the horticultural lawn and garden trade, offered over 35 hours of in-depth seminars with strong business and design/landscaping themes.

The Awards of Excellence program

took place January 8th with major awards being given to the following: Leedle Landscaping for Employer of the Year,



Landscaping and Lawn Maintenance were honored with the LO Grounds



International Landscaping Inc. for Excellence in Construction (Dunington Grubb Award), Markville Landscaping and Nurseries won the Casey van Maris Award for the most innovative and unique design and Evergreen

Management Award.

Congress is produced by Landscape Ontario which consists of more than 2200 members.

Source: Landscape Ontario

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These reliable and economical machines, equipped with Deutz diesel engines, are by far the most profitable on the market.

Enel and GE Soar to New Heights at Texas Wind Farm with Tallest Turbine Towers in U.S.

Enel SpA, through its subsidiary Enel North America, Inc., announced recently the completion of a wind farm in Texas with the tallest utility-scale wind turbines in the United States as well as investments by an affiliate of GE Energy Financial Services, the energy investing unit of GE.

The Snyder Wind project in Scurry County, Texas, between Abilene and Lubbock, comprises 21 Vestas V90 3,0 MW wind turbines mounted on towers measuring a record-breaking 105 m. Construction was completed in December 2007.

"The Snyder project takes both wind and Enel to new heights," said Toni Volpe, Enel North America CEO. "The project represents the first of several wind farms slated to come online in the next 12 months which will more

than triple Enel North America's wind capacity by the end of 2008. Enel is pleased to add this innovative project to its global renewable energy portfolio."

GE Energy Financial Services affiliates also intend to help Enel grow by investing in a 101 MW project at Smoky Hills, Kansas. The investment in the Snyder and Smoky Hills projects marks the first transaction by affiliates of GE Energy Financial Services with Enel in wind power. Financial details were not disclosed.



The Snyder project – where the turbine towers are so tall because wind conditions are best at that height – will produce energy sufficient to power more than 12 000 average Texas homes annually. Snyder Wind will be operated and maintained by Enel North America, Inc. Power will be sold into the Electric Reliability Council of Texas (ERCOT). Snyder and Fortis Energy Marketing & Trading, a division of Fortis Merchant Banking, have entered into an approximately 1,1 million MWh, 10 year fixed-price hedge agreement that will provide revenue stability and accommodate wind seasonality.

The Smoky Hills, Kansas Wind project, in Ellsworth and Lincoln counties, 225 km west of Topeka, will employ 56 Vestas V80 1,8 MW wind turbines. The project, developed by TradeWind Energy LLC and purchased by Enel in 2007, is expected to be completed early this year.

The Smoky Hills project will produce energy sufficient to power more than 37 000 average Kansas homes annually. Power generated by Smoky Hills will be sold through power purchase agreements with Sunflower Electric Power Corporation, Kansas City Board of Public Utilities and Midwest Energy Inc.

Enel purchased the interest and rights to Snyder in October 2006 from Windkraft Nord USA, Inc (WKN). As the turn-key developer of the project, WKN procured the turbines and remained involved in Snyder as the construction manager.

With these two investments, GE Energy Financial Services holds equity in 81 wind farms worldwide, with a capacity to produce more than 3000 MW of electricity.

Source: GE Energy Financial Services

Zephyr Corporation Has Big Plans for its Future

Zephyr Corporation has entered into an advisory services agreement with Quantum Leaps Corporation, a venture capital firm with an international outlook. As a result, Zephyr can accelerate the expansion of its business with new strategies for the small wind turbine market.

The Airdolphin, a 1 kW compact mill that was launched for sales last year for the global market was particularly well-received by the market. To this end this agreement represents a great step forward for the company.

Source: Zephyr Corporation



Vestas receives large order for China

Vestas has received an order for four projects in Inner Mongolia comprising a total of 232 units of the V52-850 kW turbine. The order has been received from China Guangdong Nuclear Wind Power Co. Ltd., which is part of the China Guangdong Nuclear Group. The order includes supply and commissioning of the turbines, a VestasOnline® Business SCADA system and a two-year maintenance and service agreement.

"We are very pleased that China Guangdong Nuclear Wind Power Co. Ltd., which is one of the leading companies within wind power in China, has chosen Vestas as one of their major suppliers, and we look forward to working together with them on these new projects in Inner Mongolia," says Thorbjørn N Rasmussen, president of Vestas Asia Pacific A/S.

Like other nuclear power developers, China Guangdong Nuclear has in recent years been diversifying their activities from nuclear power into clean, safe and modern power production technologies like wind power.

Delivery of the turbines will begin in mid 2008 and is expected completed by the end of 2009. All turbines will be delivered from Vestas' production facilities in Tianjin, China.

Source: Vestas Wind Systems A/S

Liebherr Cranes at the New Porsche Museum

The construction of the new Porsche museum in the direct vicinity of the renowned automobile manufacturer's main site in Stuttgart-Zuffenhausen is an architectural high point. Three Liebherr top-slewing cranes from the EC-H series are in operation on the project.

By the time of completion, many thousand tonnes of steel will have been used in this demanding job. Hence the construction cranes must have excellent material-handling capacities and prove highly reliable. The EC-H cranes from Liebherr are perfectly equipped for such challenges, since all their loads can be moved in 2-fall operation.

The three cranes employed, the EC-H 140, EC-H 256 and EC-H 550, have maximum hook heights of 33,4 m, 37,8 m and 72,2 m, and working radii of between 55 and 71,5 m. In the optional Litronic version, a 20% greater load capacity can also be achieved at the touch of a button on both the EC-H 140 and EC-H 550.

The new Porsche museum comprises two



large building sections. The lower section consists of two-story underground parking and a foyer. Placed on top of this, the second building section provides 5600 m² of exhibition space, which will be home to the museum's 80 most valuable vehicles and a further 200 exhibits illustrating Porsche history.


In addition to the exhibition space, the Porsche museum will also feature a workshop in which the historic vehicles and exhibition pieces can be restored. Anyone who

is interested can watch the workshop staff going about their restoration work.

What is more, the building complex houses numerous event and conference rooms, a gift shop, a coffee bar and a restaurant serving international cuisine.

Work is set to be completed by the end of 2008. Once open, Porsche is expecting at least 200 000 visitors per year.

Source: Liebherr

 booth: G-370

CTT Moscow 2008

9TH INTERNATIONAL SHOW OF CONSTRUCTION

EQUIPMENT AND TECHNOLOGIES - JUNE 17 - 21, 2008

Since its foundation in 2000, the CTT has rapidly developed into the most important trade fair for construction equipment and technology in Russia and the Commonwealth of Independent States (CIS). Its concept offers international machinery and equipment manufacturers the opportunity of entering the markets of Russia and the CIS and of surrounding regions.

In 2007, a total of 20 625 trade visitors attended the show. 702 exhibitors, including 223 international companies, took this opportunity for presenting their products and services on the Russian market. Those figures represented a major rise compared to the previous year's show.

For almost six years now, the Russian economy has been in a buoyant growth phase. There is also a need to upgrade technology and improve efficiency, which is giving rise to a growing demand for international machines, heavy construction equipment and material.

Exhibitors at CTT Moscow 2008 – June 17 - 21, 2008 – will benefit from its international character and the access to the target market of Russia and Eastern Europe.

The show is organized by Media Globe LLC, in partnership with IMAG, a subsidiary of Messe München International, the organizers of bauma+mining, in Munich.


Source: Munich International Trade Fairs Canada

Hirschmann Introduces Scalable Mobile Controller

Hirschmann Automation and Control (PAT), a leader in information, monitoring and control systems, will introduce several new products at CONEXPO-CON/AGG 2008. The main focus will be the introduction of Hirschmann's Scalable Mobile Controller. The system was designed to control and monitor machine function

as well as offering the option of load moment indication. The versatility of the system allows it to be installed on virtually any machine. This scalable approach allows it to be used in any application from monitoring standard control functions to the most complicated custom control solution. Also on display will be a new line of graphic operator consoles, which can be used with the Scalable Mobile Controller or with Hirschmann's load moment indicators (LMI). They are available in various sizes, with color or monochrome displays available. These consoles include CANbus, Ethernet, USB, and video (FBAS) interfaces and are available with several different operator interfaces including, keys, rotary dial, or touch screen. Hirschmann will also display their line PAT, Krueger, and Hirschmann branded load moment indicators, indicating devices, and sensors for OEM and retrofit applications, including the iVISOR maestro LMI upgrade system.

Source: Hirschmann Automation and Control, Inc. (PAT)

 booth: G-335



Maintaining Mining Momentum

*By Ed Sullivan, on behalf of
the North Central Group Ltd.*

With the mining sector booming, some operators choose to run equipment until it breaks down, figuring that emergency maintenance is just as practical as scheduled maintenance. Yet, in terms of added downtime, maintenance costs and safety issues, the gamble may not be worth it.

The resurgence of mining continues to have a dramatic impact on local economies across Canada, putting to work manpower, heavy equipment and capital throughout the country. Yet, while investment funds are readily available, the demands on skilled personnel and maintaining maximum uptime can threaten the ultimate profitability among some mining operations.

"In most regions those problems are related, and to some extent that situation encourages some mining operations to run without scheduled maintenance of equipment," says Dan Schreiner, president of Prince George, BC-based North Central Machine Group. "During boom periods it's often difficult to find qualified skilled workers for trades and staff positions at mining operations. Also, there is the tendency for mines to run at full throttle, putting aside equipment maintenance until the market slows or equipment fails."

Schreiner says that some operators will argue that with or without scheduled maintenance the bottom line is the same. He cautions that while the frequency of need to repair or rebuild equipment may be similar, the consequences of ignoring regular scheduled maintenance can be much more dramatic and painful. The downtime resulting from unplanned equipment failure may be considerably longer than with scheduled, well planned shutdowns for maintenance. Additionally, the equipment repair or replacement may be considerably more expensive. Plus, there may be some increased safety risks resulting from catastrophic equipment failures.

"The downtime period may be far more extensive than foreseen," Dan Schreiner says. "First of all, catastrophic failures can be very time consuming to repair or replace. They may cause 'consequential' damage to other equipment, worsening the scale of service problems. There is probably no backup equipment, and the size of mining machinery is relatively large, making repair more difficult and time consuming. Mechanics, welders and technicians are in heavy demand during peak periods, so it can also take time to muster a qualified crew, and there may be some distance involved, which means travel. So, mining companies who need outside maintenance services may have to wait longer than they would hope to get on-site service. If there is a major rebuild or replacement involved, downtime can be extensive and expensive."

Mr. Schreiner says the mining industry is not unique in such problems. His company

is a specialist in maintaining, repairing and rebuilding equipment used in the pulp & paper, sawmill, utilities and mining industries.



Each of those sectors tends to run hot and heavy, he says, which makes scheduled maintenance and service contracts all the more important.

"Not everyone can repair mining equipment," adds Dan Schreiner. "Not only is the equipment big and bulky, but it takes a highly organized approach to repair it correctly, economically and safely."

North Central Group places great emphasis on organization and planning when it comes to equipment maintenance and repair. Every job goes through a several steps before the crews arrive on site. A preliminary job audit, job hazard analysis, equipment requirements,

detailed schedule and pre-job review is completed to maximize the productivity of the crews. Numerous examples have proven a return on investment of 8:1 or greater when quality planning and scheduling of work is completed.

Methodical planning can save time and money, in term of both downtime and equipment repair. For example, North Central was recently called out by a Central BC mine operator to repair or replace a large process water tank that was in danger of collapsing. The top eight feet of the tank walls were severely corroded, so the mine operator wanted to have the walls cut away, replaced and reinforced. Also, the condition of the tank roof was in question.

"We evaluate and propose the best ways to help the customer and handle the job," says Mr. Schreiner. "So, I asked some basic questions: How much capacity do you need in the tank, and what level do you normally run at? One of our proposals was to simply remove the top section and roof because it wasn't needed in terms of capacity for the operation. Also, the tank did not actually require a roof."

The mine management agreed to that proposal, and in the end it cost less than 40% of what it would have cost to do what they originally requested. The North Central crew was able to do the work while the tank was operating, so there was no mine downtime – as opposed to the two weeks it might have required otherwise.

Dan Schreiner feels that safety is as important as any other component of the repair planning process. Whether at the shop or in the field, his firm depends on a high level of planning to reduce the safety risks of working on big machines, whether crushers or scooptrams or conveyors. Safety is integrated in the work plan on every job, "But the big payback in optimizing maintenance is in minimizing downtime – compared to letting it break and then fixing it," Mr. Schreiner concludes. "Some mining operations may choose to dispute that, and maybe they have been fortunate. But in the long run, the latter policy will increase downtime. And that is expensive, especially in a booming market."

Established in 1965, the North Central Group offers project management, quality and field services to commercial and industrial customers, plus a wide range of machining, engineering, pipe fabrication, machinery manufacturing, repair, overhaul, installation, construction and maintenance.

Source: North Central Machine Group

Variable Pitch Idlers Adjust to Numerous Needs

New from Superior Industries, an idler that is designed to protect belts against sharp transitions, extending their wear life and preventing damaging spillage. The variable pitch idler is manufactured with adjustable outside rollers.


Depending on the application and transition point, the rollers adjust from 5° to 35°.

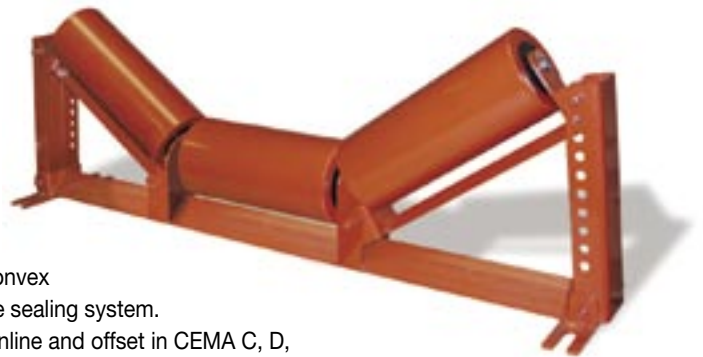
Variable pitch idlers are most effective when used at terminal belt transition points or on convex bends to help tighten the sealing system.

They are available both inline and offset in CEMA C, D, and E ratings and feature Superior's SpinGuard® seal technology, adding extra protection to the bearings. Roll diameter dimensions range from 10 to 18 cm with belt widths of 60 to 244 cm.

Headquartered in Morris, Minnesota, Superior Industries designs and fabricates a full line of conveying equipment, telescoping conveyors, feed systems, conveyor idlers, as well as other conveyor components.

Source: Superior Industries, LLC

 booth: S-670



CAMESE 2007/2008 Compendium

The Canadian Association of Mining Equipment and Services, is pleased to announce the initial distribution of the 2007/2008 CAMESE Compendium of Canadian Mining Suppliers.

This 152 page magazine-format book contains useful information about the dynamic, technologically-advanced, environmentally-sound

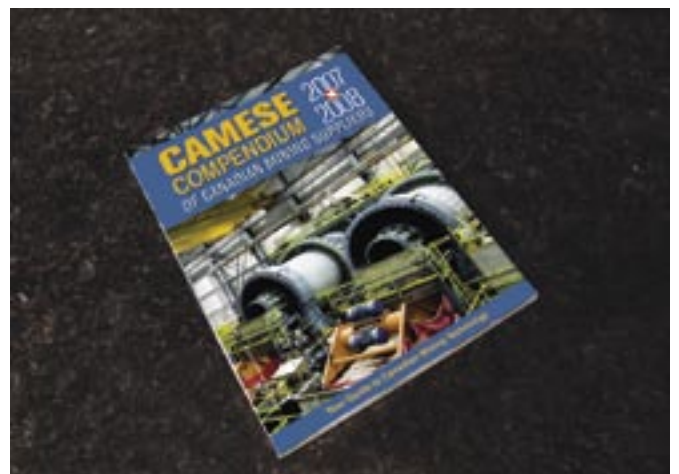
suppliers that help keep Canadian mines among the most efficient in the world. Profiles of over 250 of Canada's prime suppliers of mining equipment and services are included.

This Compendium is the twelfth of an annual series. A total of 20 000 copies will be distributed to mining decision makers by mail and at international mining trade shows. Much of the material in the Compendium as well as an effective product and service search facility, is also available on the Internet at the association's comprehensive web site at www.camese.org

CAMESE is a non-sales trade association that exists to help Canadian mining suppliers export to world mining markets, and to assist foreign buyers, dealers and others in finding suitable Canadian business partners in the mining supply sector.

Anyone wishing a copy of the Compendium should contact CAMESE, www.camese.org

Source: CAMESE - The Canadian Association of Mining Equipment and Services



Appointments

Simmax Corporation is pleased to announce the appointment of **Brent Fisher**, MBA to the position of president of **Simson Maxwell**, effective January 1, 2008.

Brent Fisher has been a member of Simson Maxwell's senior management team since 2004 as vice president of Sales and Marketing and has over 25 years experience with building systems, electrical and mechanically related markets in Management, Sales and Service roles. He has successfully grown Simson Maxwell's sales group and has played a leading role in the development of several other key areas of the business.

Simson Maxwell is the leading manufacturer, supplier and service provider of Power Generation and Industrial Engine products and services in the Canadian industrial and commercial market places.

Source: Simmax Corporation



Safety Vision, a global provider of mobile digital video solutions, announces the addition of **Christopher Fritz** as chief technology officer. In this new role, Mr. Fritz will focus on developing technical solutions that help account executives win proposals in the mass transit, law enforcement and pupil transportation sectors. He will also be integral in developing partners to round out the company's mobile video solutions suite and identifying new technology trends that keep Safety Vision on the leading edge.

"Chris will spearhead our wireless and managed video solutions portion of our business. His entrepreneurial spirit and technical background will help keep Safety Vision in the forefront of the mobile security market and we are excited to have him part of the team," states Rex Colorado, vice president of sales and new product development.

Christopher Fritz brings over 11 years of experience in developing and managing advanced imaging systems for industrial applications, consumer products and the government. Prior to joining Safety Vision, he served as director of mobile video products and a founding member of Light Speed Mobile where he was responsible for the management of sales and engineering. He was fundamental in several business starts, is the author of 5 patents pending, and has written technical papers.

Source: Safety Vision, L.P.



The **North American Building Material Distribution Association (NBMDA)** announced recently that **Len Kopec** has been elected president of the association.

Len Kopec, president and CEO of The Wolf Organization in York, Pennsylvania, has more than 35 years of distribution industry experience. He has been actively involved with NBMDA serving on the association's Executive Committee and holding a variety of volunteer positions over the years.

"I am honored to serve as NBMDA president, I hope to continue to build on the momentum of past president, Roger Debnam and further NBMDA's mission of providing top-quality education and networking to our members," commented Mr. Kopec. "I look forward to the coming year and all that we can accomplish."

Len Kopec began his career at The Wolf Organization nearly 25 years ago as a sales manager in the flooring division and was soon advanced to general manager. His strong sales and management skills led to his appointment as president of Wolf Distributing Company and later to chief operation officer in 2002 before his current role as president and chief executive officer of The Wolf Organization, a 40 year member of NBMDA.

Len Kopec will serve as president through the 2008 Annual Convention & Tabletop Business Session, which takes place November 12-13, 2008 at the Gaylord National Resort & Convention Center in National Harbor, Maryland.

For more information on NBMDA, visit www.nbmda.org or contact NBMDA Headquarters at (888)747-7862.

Source: North American Building Material Distribution Association

International Truck and Engine Corporation recently announced the appointment of **Steve Bruford** as vice president of global product creation for its truck group.

Steve Bruford will provide engineering and product development leadership for all of Navistar's truck product lines and will reside at Navistar's Truck Development and Technology Center in Fort Wayne, Indiana. He will report to Ramin Younessi, vice president, business and product operations.

With more than 29 years of global product development experience in all fields of automotive engineering and commercial vehicle design as well as the defense industry, Steve Bruford has performed in a number of executive level assignments prior to joining Navistar. He has served in supplier roles as well as a vertically integrated OEM and holds 19 design patents.

Steve Bruford received his bachelor's degree in mechanical engineering from Loughborough University in Loughborough, England. In addition, he holds a master's in science from Hertfordshire University in Hatfield, England.

A wholly owned subsidiary of Navistar International Corporation, International Truck and Engine Corporation is a leading producer of medium trucks, heavy trucks, severe service vehicles, MaxxForce brand diesel engines, parts and service.

Source: International Truck and Engine Corporation

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Responsible Use of Road Salt Maintains Road Safety and Minimizes Environmental Impact

The Environmental Commissioner of Ontario (ECO) 2006/2007 Annual Report includes a section about the environmental impact of road salt but little is said about responsible use and feasible alternatives for keeping Ontario's roads safe.

Winter storms cause accidents, impede emergency vehicles and school buses, and negatively affect the economy. In addition, climate change has resulted in more frequent freeze/thaw cycles, requiring more frequent salt applications in many areas. "Yes, road salt used in excess will have a detrimental impact on the environment but road salt used responsibly also saves lives, reduces property damage, and keeps our economy on the move," says Ontario Good Roads Association (OGRA) president, Jim Harrison. "There are no completely benign alternatives to sodium chloride currently available but improved salt management practices can minimize the negative impacts of salt while keeping the roads safe," says Mr. Harrison.

The Sierra Defence Fund (on behalf of the environmental group Riversides Stewardship Alliance) submitted an application to the Ministry of Environment for a review of the Environmental Protection Act. They requested that Regulation 339 be revoked and replaced with a phased-in mandatory road salts management regime under the EPA. This would, in effect, remove the exemption that road salt now has under the EPA and would require municipalities to obtain certificates of approval prior to being able to use road salt.

"Environment Canada spent eight years reviewing the use of road salt, developing the national Code of Practice for the Environmental Management of Road Salts and promoting the voluntary adoption of the Code by road safety organizations" says Joe Tiernay, OGRA executive director. "145 Ontario municipali-



ties voluntarily developed Salt Management Plans and 135 report annually to Environment Canada on salt usage and winter maintenance practices – an overwhelmingly positive response," says Mr. Tiernay.

In addition to Salt Management Plans, municipalities have changed how they store and apply salt to mitigate harmful effects. "Salt is being covered and stored on impermeable pads and works yard runoff is controlled to prevent entry into surface water. Water from washing the vehicles is also filtered and controlled to prevent entry into surface water," says Joe Tiernay. "In terms of application, pre-wetting prevents the loss of 30% of salt applied and is more effective. Technology to measure pavement and weather conditions controls the application of salt to only when and where it is needed. Direct liquid application before a winter event uses 1/3 less salt and allows plows to reach bare pavement conditions much faster by preventing the bond of ice to the pavement. Live snow fences are also being used in a number of municipalities."

Education and training is another tool for responsible salt use. "OGRA has trained more than 1000 front line operators, supervisors and patrollers in advanced winter maintenance practices, and through train-the-trainer session, we have reached more than 5000 municipal employees and contractors," says Jim Harrison. "For now, the use of road salt must continue to maintain our roads responsibly and effectively. But municipalities are also doing what they can to protect the environment."

The Ontario Good Roads Association represents the infrastructure interests of municipalities through advocacy, consultation, training and the delivery of identified services. OGRA currently serves 422 municipal members and 21 First Nations communities. Visit www.ogra.org for more information.

Source: Ontario Good Roads Association

Expo Grands Travaux Announces New Dates

The second edition of Expo Grands Travaux has now been confirmed for April 3-4, 2009 at Montreal's Olympic Stadium. Response from both exhibitors and visitors from the first show was very positive. A sold out show floor and an audience of over 9000 attendees in just 2 days solidifies this show as a "Must Attend Event" for all of the major equipment manufacturers and their supporting dealers and distributors.

"Following the inaugural event, there was much discussion and feedback from exhibitors" according to show manager Mark Cusack. "Two areas of concern were addressed. The overall consensus was that this show would be better suited for the spring of the year. The second recommendation was to change the cycle of the show to be in the off year to the ConExpo Show in Las Vegas. We listened and are now pleased to unveil our new strategy. We are certain that this new date and year will result in an even bigger and better show for 2009."

A full sales release is expected in early spring 2008, however in the meantime an advanced selling campaign for the large bulk spaces will begin immediately, directed solely to the exhibitors from the last show.

Expo Grands Travaux is pleased to have the endorsement of the CAED-Quebec Chapter (Canadian Association of Equipment Distributors), the ACRGTQ (Association des constructeurs de routes et grands travaux du Québec) as well as the APMLQ (Association des propriétaires de machinerie lourde du Québec).

Source: Master Promotions



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Agenda

Winter Road Congress in Finland

February 12 - 14, 2008
Turku, Finland

The Work Truck Show 2008

NTEA Convention: February 25 - 28, 2008
Trade Show: February 26 - 28, 2008
Atlanta, GA USA

CONEXPO-CON/AGG 2008

March 11 - 15, 2008
Las Vegas, NV USA



AirportExpo

April 8 - 10, 2008
Las Vegas, NV USA

Atlantic Heavy Equipment Show

April 3 - 4, 2008
Moncton, NB Canada



Truck World 2008

April 17 - 19, 2008
Toronto, ON Canada

Ankomak 2008 17th Construction Machinery, Building Elements & Construction Technologies Exhibition

April 25 - 29, 2008
Yesilkoy, Istanbul, Turkey

INTERtunnel 2008 - 8th International Tunnelling Exhibition

May 20 - 22, 2008
Turin, Italy

Eurobitume & EAPA Congress 2008

May 21 - 23, 2008
Copenhagen, Denmark

AORS 2008 TRADE SHOW - June 4 and 5

June 4 - 5, 2008
Walkerton, ON Canada

CTT Moscow 2008

June 17 - 21, 2008
Moscow, Russie

49th CRCA Annual Meeting and National Conference

June 18 - 21, 2008
Vancouver, BC Canada

inter airport India

September 11 - 13, 2008
New Delhi, India

CONEXPO Russia

September 15 - 18, 2008
Moscow, Russia

MINExpo® 2008

September 22 - 24, 2008
Las Vegas, NV USA

INTERROUTE&VILLE 2008

September 23 - 25, 2008
Rennes, France

Sim Congress (Société de l'industrie minière)

October 14 - 17, 2008
Limoges, France

Garden & Florist Expo 2008

October 21 - 22, 2008
Toronto, ON Canada

Bauma China 2008

November 25 - 28, 2008
Shanghai, China

inter airport China

December 2 - 4, 2008
Beijing, China

World of Asphalt Show & Conference / World of Aggregates

March 9 - 12, 2009
Orlando, FL USA

EXPO Grands Travaux

April 3 - 4, 2009
Montréal, QC Canada



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Spring Meeting

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Woodstock, ON. This is a great educational time for both Municipal Operations and Municipal Fleet personnel. Events include tour of Hino Canada truck plant and Trackless Vehicles Limited.



Professional Development Day

May 22, 2008



Fall Trade Show

September 18, 2008

Held at Kitchener Auditorium.



13th Annual Equipment Technology & Field Trip

September / October, 2008

For more information about membership or events visit us at

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