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InfraStructures

construction • public works • natural resources English Edition

> Volume 13 Number 5 May 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.

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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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A Word From the Publisher

As they say, "In Spring a young man's fancy turns to..." well you know. Perhaps they mean dirt, some may even have their minds in the gutter, particularly on a slip form paver or dredging ditches with a Gradall!

The point being that now that the show season is largely behind us, as is an eventful Winter, it is time to get on with the business of constructing. Be it a road, a bridge, or a tower block, InfraStructures will be there to inform you about the latest equipment and techniques being employed to make it happen. We will also be available to you on the internet when you want to check on that story you remember reading, about something that may just get you out of the fix you may be in.

As Canada's only bilingual industry magazine, InfraStructures is a tool at your disposal when you need it most, that is why so many leading manufacturers and suppliers advertise in our pages. If knowledge is power, then InfraStructures is powering your productivity!

You also never know when and where you may see one of our associates or collaborators, we like to get where the action is so we can better report the types of information you need to know. Some of our readers even get their pictures featured, not guite Canadian Idol, although your supervisor may call you Jobsite Idle!

As ever, take the time in the office or during your break to see what is new and developing within our pages, and by all means contact us with ideas or contributions you would like to make to help us better serve the industry.

Regards,

- senther and Villand

Editor / Publisher



On the cover:

a Liebherr 130 EC-B 6 FR.tronic Flat-Top crane is taking part in the construction of the largest thermoelectric solar energy installation in Europe. The project, located in Sanlúcar la Mayor, near Seville, in Spain, will generate enough clean energy to supply 180 000 households.

AECON AND SCOTT CONSTRUCTION ANNOUNCE PROJECTS TOTALING OVER \$300 MILLION

Aecon Group Inc. recently announced eight new projects, awarded over the past several months, to be delivered by Scott Construction Group of Vancouver, totaling \$337 million. Most of the projects will be delivered under construction management contracts. Aecon holds a 49% stake in Scott Construction.

The projects include: • A \$200 million renovation and new construction project in downtown Vancouver, involving restoration of the historic Georgia Hotel, and construction of an adjacent 49-storey commercial/residential tower. The expected completion date of the hotel renovation is November 2009 and of the tower is November 2011. • Construction of the Coast Hotel - a \$48 million, 20-storey, 21 300 m² hotel with 220 rooms on the Vancouver waterfront. The project

is expected to be completed in November 2009. • Expansion and renovation of the Sauder School of Business at the University of British Columbia, including creation of new career and business centers, and the rebuilding of a 5-storey lecture theater and library. The \$45 million project is expected to be completed in October 2009. • The design-build development of a \$17 million, 7800 m² corporate airline hangar and 2-storey office facility for London Air Services at Vancouver airport. This structure will utilize a steel building system to facilitate the 111 m clear span required for the movement and storage of the airplanes. The completion date for the project is set for October, 2008. • The \$17 million construction of Ginger, a 9-storey residential building in Vancouver's Chinatown. The expected completion date of the project is July 2009. • A \$3.7 million Scott designbuild contract, to construct a new 930 m² dealership, showroom and service bays for Steve Drane Harley Davidson near Victoria. The project broke ground in February and is scheduled for completion in December 2008. A \$4.6 million steel fabrication, supply and delivery contract for the "Enerplex" skating oval for the City of Fort St John in Northern British Columbia. This is an Olympic training facility and comprises two full size hockey rinks surrounded by the speed skating oval and a running track suspended above. • The \$3 million Research Laboratory at the University of British Columbia. This design-build

be delivered by October 2008. Source: Aecon Group Inc.

AECON AWARDED CONTRACT FOR SAINT MARY'S UNIVERSITY

project is a steel building systems project to

Aecon Group Inc. recently announced that its Atlantic Buildings group has been awarded a construction management contract for a \$17.5 million building project by Saint Mary's University in Halifax.

The project involves the construction of a new 4000 m² three-storey Atrium building that will house a main Global Learning Commons, a student-centered communal learning space that encourages interaction between faculty and staff, providing more opportunity for community engagement.

The second and third floors will house teaching and study space, along with various Computational Sciences research space and offices. Renovations to 280 m² of space in adjacent buildings will also be completed. Work will begin this Spring and will be



completed by September 2009.

The Atrium will be designed and constructed to LEED standards. It is a steel framed, curtainwall, air conditioned building and includes an interior bio-wall, a glass roof over the Global Learning Commons and a green roof.

"The Atrium will be a great addition for the faculty, staff and students at Saint Mary's. This building will quickly become the centerpiece of this beautiful campus," said Frank Ross, president of Aecon Buildings Atlantic.

"We are very pleased to once again work with an institution like Saint Mary's University and be involved in developing their world-class educational facilities," said Mr. Ross. "The growing demand for social infrastructure such as hospitals and educational facilities is playing and increasing role in the growth of Aecon Buildings."

AECON AWARDED TWO NEW PROJECTS FROM UNION GAS

Aecon Group Inc. recently announced that its Industrial division has been awarded two new contracts from Union Gas totaling approximately \$45 million, for pipe fabrication and construction of two natural gas compressor stations.

The Bright A1/A2 Retrofit project involves the retrofit of two gas compressor units and extensive modifications to the existing compressor station facility. The Bright facility is located near Cambridge, Ontario. The \$20 million project is expected to be completed by October 2008.

The Dawn Deliverability project involves the complete construction of a new gas compressor station (Dawn I) inside the Union Gas Dawn Operations Centre, located near Sarnia, Ontario. Simultaneously with this new compressor, Aecon will also be constructing several associated projects at the Dawn site. Expected completion date for this \$25 million project is November 2008.

These contracts are in addition to the \$150 million, three year contract renewal with Union Gas announced by Aecon's Infrastructure division earlier this year.

As well, Aecon Buildings is currently completing a LEED Gold certified office building for Union Gas and will be constructing two additional LEED Gold certified buildings for the company in 2008/2009. Aecon Buildings will also complete Tenant Improvement renovations to various sites across the Union Gas Portfolio.

Source: Aecon Group Inc.

TRANSALTA AND ALSTOM TO DEVELOP CARBON CAPTURE AND STORAGE PROJECT IN ALBERTA

In a major step towards advancing knowledge for the capture of coal-related greenhouse gas emissions, TransAlta Corporation, a Canadian power generation company, and Alstom, a global leader in power generation technology, recently announced the signing of an agreement to work together to develop a large scale CO₂ capture and storage (CCS)

facility in Alberta.

The project will pilot Alstom's proprietary Chilled Ammonia Process. TransAlta considers the Chilled Ammonia Process as one of the more promising and potentially lowest cost solutions for CCS. TransAlta's plan with Alstom is to retrofit the technology at one of TransAlta's coal fired generating stations west of Edmonton and reduce current CO₂ emissions by one million tonnes per year.

The first phase of the overall project, aimed



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at advancing and improving understanding of CO₂ capture and storage technology will begin this year with engineering, stakeholder relations and regulatory work at a cost of approximately \$12 million (€7.5 million). This, and subsequent phases, are subject to partner and government funding, and will continue over the next five years with testing expected to commence in 2012.

Coal-fired generation accounts for almost half of the generating capacity in North America – it is essential that processes be developed to find an economically viable way to retrofit existing infrastructure.

TransAlta has also partnered with experts at the Institute for Sustainable Energy, Environment and Economy (ISEEE), part of the University of Calgary, to quantify CO2 sequestration potential in the Wabamum area west of Edmonton. The results, due in January 2009, will provide a scientific assessment of potential sequestration sites in the area surrounding several power plants including their capacity and security.

Source: Alstom

ATLAS COPCO ACQUIRES HOLDING IN IN-**DIAN DRILLING TECHNOLOGY COMPANIES**

Atlas Copco (India) Ltd has signed an agreement to acquire 25% of Focus Rocbit Pvt Ltd and Prisma Roctools Pvt Ltd in India, to strengthen the Group's position in the market for drill bits and hammers.

Focus Rocbit Pvt Ltd is a manufacturer of bits for rotary drilling and Prisma Roctools Pvt Ltd makes bits and hammers for down-thehole drilling. The privately-owned companies, which largely have the same shareholders, have combined annual revenues of about \$10 million. Sales are mainly to India, Australia, South Africa and the United States. The head offices and manufacturing facilities are located in Hyderabad, India.

"The acquisitions add a competitive range of products for customers in India and selected markets," says Björn Rosengren, of Construction and Mining Technique. "They will also allow us to further develop and grow our rock drilling business in order to benefit from the current growth in the mining, construction and water well sectors."

The businesses will operate as joint ventures within Atlas Copco's Secoroc division. Atlas Copco has an option to acquire the remaining shares in both companies.

Source: Atlas Copco

AXFLOW'S BLACKMER PUMPS IS A LONDON OLYMPICS WINNER

As a result of having to vacate its East London distribution depot to Middlesbrough in order to accommodate the 2012 London Olympics, Banner Chemicals has purchased Blackmer sliding vane pumps for blending and filling operations at its new solvent tank farm.

The new multi-million pound facility is located on the 2,2 ha site of MP Storage & Blending, which Banner Chemicals purchased in 2006. The Company is a leading chemical distributor supplying an extensive range of solvents and specialty chemicals to chosen market sectors.

"Banner Chemicals has had a long history of use with Blackmer positive displacement

pumps at its London depot and we found them to suit our needs," comments Tom Ellmer Group, operations manager Banner Chemicals. "We have a good relationship with Axflow for pumps and spares and we had pumps in excess of 10 years old at our previous depot. Experience with these pumps is that they require minimum maintenance."

The new cast iron X2.5B, X2B and XL1.5 ductile iron pumps have been selected for loading/unloading tankers, drum filling/blending operations and pump blending duties. Products being handled include Alcohols, Ketones, Hydrocarbons, Acetates and Glycol (Solvents / Chemicals).

Source: AxFlow Holding AB

bauma China 2008 gears up for a new exhibitor record

As space allocation gets underway for bauma China 2008, it is already clear that a new record will be set for exhibitor numbers. In 2006, a total of 1088 international exhibitors put on presentations in the SNIEC (Shanghai New International Expo Centre), but for this year's event from 21 to 24 November 2008, bauma China is set to welcome at least 1150 exhibitors, thanks to the expansion in space. This renewed expansion and the broad product range at bauma China reflects the continuously rising demand for

construction machinery, building materials machinery, construction vehicles and equipment in

Asia. Visitor's interest is expected to focus in particular on the range of building materials machinery at the fair, not least because the Chinese and Indian economies are currently enjoying double-digit growth, with similar potential being predicted for the coming years in the building materials sector.

According to the Confederation of Indian Industries (CII), the construction industry is one of the main engines of growth in the Indian economy. By the year 2012 alone, a total of \$500 billion is being invested in infrastructure projects. By far the largest proportion of this is earmarked for improving the road network, and building new roads. In parallel with this, investment is also continuing apace in commercial and residential construction.

An important measure of construction activity is cement production. According to the Cement Manufacturers Association, India was the second biggest consumer of cement last year after China. For the current year the association expects demand to be around 175 million t.

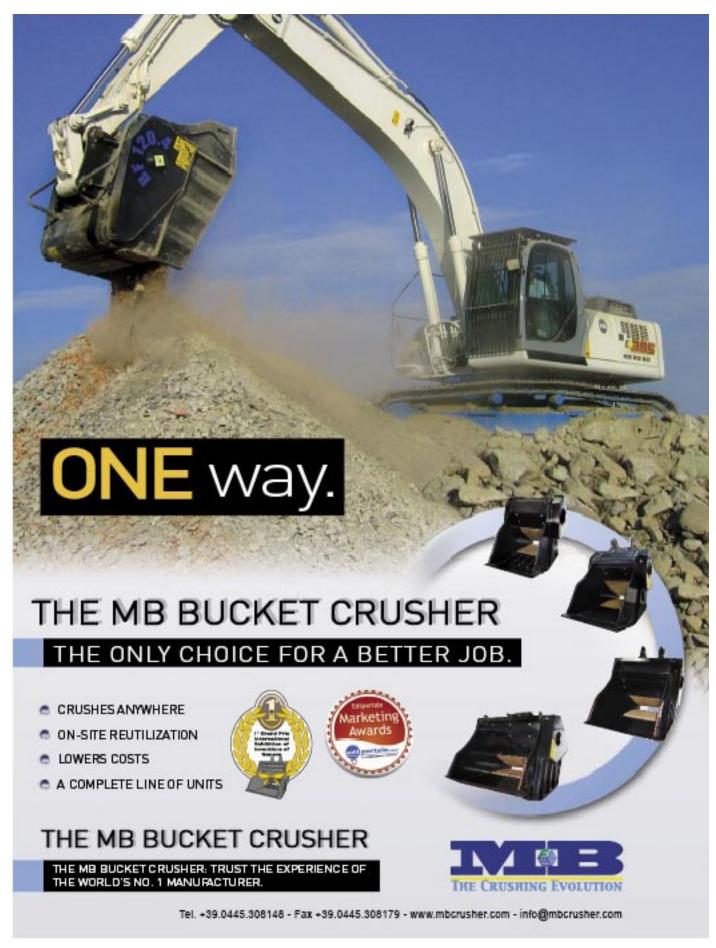
This building boom is also being felt in China: According to Chinese statistics, in 2006 around 50% of the worldwide consumption of cement was accounted for by the Peoples' Republic, as well as 30% of

> total iron consumption and 15% of total energy

consumption. At the same bauma ' time, by 2010 the aim is for energy consumption China 2008 to decrease by 20% and emissions of dangerous greenhouse gases by 10%. This ambition presents the international exhibitors with the

same challenges on Asian markets as they are facing on European and American markets. Namely, that in terms of both product innovation and optimization, what is needed are new techniques and a reorientation on the part of both manufacturers and users. Automated processes, for example, increase the quality of aerated concrete and sandlime bricks, thus avoiding wastage in the production process. Expensive soil replacement, too, can be avoided through the use of new machinery, attachments and building materials, with the result that emissions are reduced because less material needs to be transported away from the site.

Source: Messe München International



BUILDING TEAM SELECTED FOR THE CREDIT VALLEY HOSPITAL'S PHASE II PROJECT

The Credit Valley Hospital and Infrastructure Ontario have selected Bondfield Construction Co. Ltd. to build and finance the hospital's Phase II Expansion and Redevelopment Project - expanding the hospital with approximately 25 000 m² of new construction and 6500 m² of renovation.

The expansion will result in enhanced hospital services, including increasing capacity from 392 to 471 beds with additional room for growth and the doubling of the number of labor and delivery rooms from 7 to 15. Other improvements include providing a new high-dose radiation therapy suite and resources for expanded cancer treatments, additional surgical oncology, palliative and complex continuing care beds, more capacity for neonatal care, and increased diagnostic services and support areas. An expanded laboratory from approximately 1400 m² to 3900 m² will provide more in-house support for diagnostics.

The team, led by Bondfield Construction Co. Ltd., includes financing arranged by National Bank. Financial close on the project is expected shortly and construction will follow soon after. Project costs will be released at financial close.

Source: Ontario Ministry for Public Infrastructure Renewal, Infrastructure Ontario

BENTLEY ANNOUNCES STRATEGIC INITIATIVE TO HELP SUSTAIN BRIDGE INFRASTRUCTURE

Bentley Systems, Incorporated today announced a strategic initiative to deliver Bridge Information Modeling (BrIM) technology for the entire bridge lifecycle. A new business unit, Bentley BrIM, will drive the initiative under the leadership of Bentley senior vice president Gabe Norona. Bentley BrIM will provide broad access to newly acquired advanced bridge products in Bentley's comprehensive software portfolio. In addition, it will integrate these and other related Bentley products to provide an interoperable, data-managed bridge solution for planning, design, engineering, analysis, fabrication, construction, maintenance, and rehabilitation. This end-to-end solution will enable the transportation industry to efficiently and effectively address the challenges of new and aging bridges and deliver sustainable, long-lasting infrastructure.

In the past year, Bentley has extended its

commitment to sustaining bridge infrastructure through the acquisition of TDV GmbH, LEAP Software, and C.W. Beilfuss & Associates – all leading bridge engineering and operations technology providers. These additions to Bentley's portfolio result in the most comprehensive offering of bridge software available to the infrastructure community:

- Bentley Bridge RM structural engineering, design, and analysis software used worldwide for large and medium span bridges, including cable-stayed bridges. With its wide range of international design codes, RM is unmatched in its support of highly intensive, specialized engineering for bridges of all types. • Bentley LEAP Bridge - a parametric, integrated design and analysis solution for pre-cast, cast-in-place, reinforced, and post-tensioned concrete - an industry standard in place at 38 U.S. state departments of transportation (DOTs), the Federal Highway Administration (FHWA), city and county agencies, and engineering consultancies. • Bentley BridgeModeler and Bentley LARS - companion products for bridge load-rating, analysis, and analytical modeling for existing and planned bridges offering conformance with the latest AASHTO bridge design specifications and interface to the AASHTO BRIDGEWare database.
- Bentley SUPERLOAD for advanced oversize/overweight vehicle permitting and routing

that takes full account of bridge load-rating and analysis data.

Bentley BrIM will establish intra-operability among these products as well as other Bentley products relevant to bridge projects, including Bentley Rebar, GEOPAK Bridge, InRoads Bridge, and ProjectWise. Bridge professionals will benefit from streamlined workflows, increased productivity, and the ability to more effectively operate and manage bridge infrastructure.

Leaders in the bridge industry are encouraged to participate in BE Conference 2008, taking place May 28-30 in Baltimore, Maryland. The conference will provide infrastructure professionals an inclusive and engaging environment to share best practices and learn about Bentley solutions from the leading provider of infrastructure software. Included in the program will be a special BrIM track that will bring together influential bridge owner-operators, policy makers, engineering consultants, and contractors to explore new technology, new methods of project delivery, and the influence of bridge information modeling. The discussions will go well beyond design to problems ranging from maintenance of traffic to constructability and risk mitigation.

Source: Bentley Systems, Incorporated

The Henry Ford Acquires First Steel-Bodied School Bus

The Henry Ford, in Dearborn, Michigan, has acquired the first steelbodied school bus, Blue Bird No. 1.

Blue Bird No. 1 was the first steel-bodied school bus built by Albert Luce, Sr. in 1927. Mr. Luce was the owner of Ford dealerships in Fort Valley and Perry, Georgia when one of his customers requested a vehicle to transport workers to a cement plant. He bought a wood-bodied bus that he sold to this customer but the



wood deteriorated before the customer could finish paying for the vehicle. Albert Luce investigated ways of building a better bus and constructed a body using steel angles and channels, steel sheets, wood and canvas. He then mounted it to a 1927 Ford Model T chassis. This new bus was sold to Frank Slade of Marshallville, Georgia to be used as a school bus.

By 1932 the Depression had reduced car sales so seriously that Mr. Luce sold his Ford agencies and concentrated full-time on manufacturing school buses. He named his new company Blue Bird Body Company. Today, Blue Bird Corporation remains one of the nation's major school bus manufacturers. Blue Bird No. 1 will go on display in the Henry Ford Museum and Greenfield Village in May, 2008.

ONTRAC EQUIPMENT SERVICES TO CHANGE NAME TO NORTRAX CANADA

Ontrac Equipment Services Inc. (Ontrac) announced recently that it will change its corporate name to Nortrax Canada Inc.

The name change will bring the company into brand alignment with its U.S. based sibling, Nortrax. Ontrac (Canada) and Nortrax (U.S.), retailers of John Deere construction, forestry and mining equipment, are both 100% owned by their parent company, Deere & Company.

The name change will enable increased market presence and greater competitive advantage in Canada through utilization of

Nortrax marketing and advertising resources.

"Our Canadian leadership team has made this decision in order to better leverage our product and service offerings to our customers," says Jim Ficzere, vice president and General Manager. "While we have a distinct market in Canada, there are obvious synergistic opportunities that come with being part of a larger North American entity."

The transition to the new name is expected to begin in April, 2008 and will be phased in throughout the year and conclude by the end of 2008.

No organizational changes are expected as a result of the new name.

Ontrac is one of the largest John Deere dealers in North America, serving the construction, utility and forestry markets with 21 locations across eastern Canada.

Nortrax, a construction and forestry retail sales and service operation, is the largest John Deere dealership group in the world with more than 40 locations across 13 states.

Source: Ontrac Equipment Services Inc.

STATEMENT ON THE ANNOUNCED NATION-ALIZATION OF THE VENEZUELAN CEMENT INDUSTRY

Holcim Venezuela has been officially informed by the Venezuelan government that it plans to nationalize all foreign cement producers operating in the country. The acquisition of at least 60% of the share capital of the companies affected is to be instigated as soon as possible, and Holcim Venezuela has been called on to nominate a negotiating delegation.

Holcim has been operating in Venezuela since 1978, when the Group acquired a minority holding in Cementos Caribe. Following the merger with another private cement company, Holcim successively increased its stake in Holcim Venezuela – a major national producer of building materials – to 99,9%.

In the course of the forthcoming negotiations, Holcim will endeavor to find a solution that is satisfactory to both sides, and is determined to safeguard the interests of the Venezuelan Group company and its employees. Holcim is confident that the company will be able to continue producing as normal and efficiently serve the market.

Holcim Venezuela operates two cement plants in Puerto Cumarebo and San Sebastián with an annual capacity of 2,9 million t of cement and, on the request of the Venezuelan government, has for some considerable time been producing exclusively for the domestic market. The company also has ready-mix concrete facilities and aggregates plants. In 2007, Holcim Venezuela with its 774-strong workforce recorded net sales of approximately \$200 million, accounting for approximately 1% of Group turnover. In the past eight years, Holcim Venezuela has invested an average of \$20 million yearly in efficiency improvements and environmental measures.

Source: Holcim

Goudsmit Magnetic Systems at IFAT

The recently started joint venture between the Dutch firm Goudsmit Magnetic Systems B.V. and Waltec Practical Waste Solutions B.V. with Vliko B.V. as the end processor, provides for

the complete removal of iron particles from building and demolition waste. Due to the deep and strong capture field of the electro overhead separator magnets for conveyor belts, the coarser fractions are made iron-free more effectively than with the use of permanent overhead magnets. This refers mainly to waste fractions of 400 mm and greater.



At a later state, all non-ferro metals such as aluminium, copper and brass are removed from this building and demolition waste. At IFAT the firm from Waalre presented, among other things, magnetic systems and non-ferro separators.

The electro overhead separator magnets on show there are stronger than the previous ones due to a deeper capture field. These magnets are highly suitable for removing of iron particles from recycling and/or bulk handling flows such as household waste, refuse derived fuel, incineration cinders, recycled glass and rubber, coal, cement, asphalt; materials that are increasingly re-used and/or used for generating energy. The conveyor belts are extra strong and wear-resistant so that they can capture and subsequently dispose of the separated iron particles without any difficulty. An auxiliary magnet provides for the removal of the iron particles from the magnetic field.

Over the last 15 years a totally new market has been created for both electro and for permanent overhead separator magnets for conveyor belts. This is due in particular to the tighter environmental standards introduced in Europe. High dumping costs for waste and the ban on dumping waste is forcing the industry to reduce waste flows. To this end, a magnet is a relatively simply and inexpensive separation system. Hundreds of tonnes of re-usable steel will be separated from various waste flows by means of permanent magnets or electro magnets. With the current metal prices, this means that a lot of money will be earned back.

Source: Goudsmit Magnetic Systems B.V.

International Rental Exhibition show in Amsterdam

All the major players will be at the new International Rental Exhibition (IRE) to be held at the RAI exhibition center in Amsterdam, the Netherlands on 3-5 June this year.

The Haulotte Group looks forward to giving

its customers and partners a warm welcome on its stand at the IRE Exhibition. Haulotte's new H28TJ+ telescopic platform



will be on display at the exhibition. The other major exhibit will be the HTL 40-17 telescopic handler.

According to Haulotte, the performance of the new platform H28 TJ+ is unmatched by anything currently in the market. Due to its unique characteristics, this platform significantly increases in productivity in a wide range of working environments: a 6 m telescopic jib, outreach of 23 m, capacity to lift rapidly up to 350 kg, operator comfort (proportional movements, generational control panel), outstanding mobility (oscillating axle, differential wheel lock).

Haulotte Group Stand #210

Stanley presents the new Cyclone Drop Hammer breaker.

The cyclone concrete breaker dramatically increases productivity while reducing overall cost as well as the size of carrier neeeded for a job.

All your industrial tools needs can be answered with a Stanley hydraulic tool. Stanley will be

showing power units, hand held breakers, concrete saws, chipping hammers, post drivers, water pumps, etc. They will also be

showing mounted breakers, compactors, and the above mentioned drop hammer.

Stanley Hydraulic Tools Stand #1050



aerial work
platforms,
ATN, will
present its
PIAF 1000R
mast-style
boom lift.
This electric
powered
aerial work
platform has
been especially
designed for
all interior



work up to 10 m.

Once folded down is only just 1,98 m in height which allows the passage through standard doors and is only 1,03 m wide which enables easy turning and handling in restricted places. Its horizontal outreach of 3,46 m as well as its rotating mast of 2 x 110° make things very easy for positioning. With a maximum capacity of 200 kg for a total weight of 2980 kg, the PIAF 1000R is equipped with non-marking tires as standard. The work platform is fitted with a low-pressure hydraulic joystick allowing reliability, excellent ergonomics and an autonomy comparable to an electro-hydraulic model. The PIAF 1000R meets European EN280 standards.

ATN Stand #690

Since it was established in 1982, ANMOPYC, Spanish Association of Equipment Manufacturers for the Construction and Mining Industries, main purpose is the development and promotion of member companies sales in foreign markets, along with the intensive search for new markets and the protection of the members interests in front of third countries.

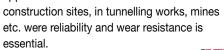
ANMOPYC co-operates with the Spanish Ministry of Economic Affairs as well with ICEX (Spanish Institute for Foreign Trade), being responsible for preparing and carrying out the Promotional Plan of the Spanish industry in foreign markets. ANMOPYC is also member of CECE, Committee of European Equip-

ment Manufacturers, along with the rest of European National Associations.

Company: ANMOPYC Stand #1111

Pumpex is now extending its range of

Professional Dewatering
Pumps, by adding two
new models of lightweight, solids handling
Submersible Sludge
Pumps, SP 10 and SP14.
The pumps have the
same modular design
principals as
Pumpex larger sludge
pumps, Series SP.
They are designed
for heavy duty
applications at



Company: Pumpex Stand #775

Trimble offers a broad portfolio of integra-

ted construction positioning systems
designed to improve
productivity of the
construction contractor
for each phase of the
construction cycle
– designing, grading,
site checking, building
and asset management.

At IRE, Trimble will concentrate on construction lasers and the Trimble® Construction

Manager asset management solution. Company: Trimble Holdings GmbH Stand #1075



Alimak Hek offers safe and efficient vertical access solutions to buy or rent to customers in the construction and other industries.

Regardless of whether customers choose Alimak Hek as a rental or purchase partner, the company will back the customer up with comprehensive after sales, service and other support.

The product lines, Alimak, Champion, and Hek, have become the world's leading names



in construction hoists, industrial lifts, mast climbing work platforms, transport platforms and material hoists as well as underground

equipment for both
temporary and
permanent
installations.
It is the
result
of the
company's
total commit
to meet and
exceed the

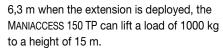
expectations of each individual customer.

Alimak Hek will present the new HEK Modular System, the total rack and pinion solution that offers customers a high level of flexibility with less components. Alimak Hek will also present the Scando Construction hoist 450 and the high speed Scando 650. The all-new fully modular Scando 650 hoist offers improved performance, durability and lifting capacity, with lower energy consumption and reduced cost of ownership.

Alimak Hek Stand #1250 Manitou is presenting a new lifting platform

design: the MANIACCESS 150 TP telescopic platform. Combining a high working capacity with small size and a wide working area, it is unique in the market.

Equipped with a 2,3 m wide by 5,0 m long cage which can reach



With the telescopic arm deployed to half-height, the resulting working area is over twice the total length of the platform, that is, 15 m, with a working height of 8 m. Equipped with 2 front stabilizers, and an automatic load calculation system, work can be carried out at any height in complete safety.

Manitou Stand #970



MCS will be launching the French version of its highly successful Customer Relationship Management Software Application. Designed specifically for the rental industry, this intelligent software is fully integrated within the core MCS rental application enabling it to work seamlessly sharing customer and product information for continuity and accuracy of data.



The software's ability to manage the entire marketing process eases the pressure placed upon sales and marketing teams. Users can be assured that with MCS-crm every promotion and campaign will be run successfully and can be monitored to measure overall effectiveness.

MCS Ltd. Stand #365

i e





Touchstone's Rental Solution based on Microsoft Dynamics™ AX, provides a complete single system allowing all financial, operational & customer information to be held and accessed from one central source resulting in consistent data that is paramount to accurately capture statistical information. This includes: • A totally scalable rental solution with global capabilities • Diarised availability tracking • Full integration to fixed assets • Rental Contract Processing and Project Management • One Stop Order Processing.

Touchstone is the Number 1 UK partner for Microsoft Dynamics and has customers

including Speedy Hire, RMD Kwikform and Jarvis

Touchstone Limited Stand #535

inspHire offers applications to suit rental companies of all sizes – from start-ups to multi-depot organizations. The company will be demonstrating its leading rental management solutions including its Customer Relationship Management (CRM) package which has been created specifically for the rental industry, the Mobile Working technology which provides clients access to real time information from GPRS enabled hand

held devices, and the inspHire WebPortal designed to give customers up to the minute information, 24/7, about their own rental activities.

InspHire International Stand #630

Aimit AS
has developed
Aimit Equipment
Management
(Aimit EQM)
for the Rental
Industry. Based
on Microsoft
Dynamics™ NAV
is one of the
leading business
solutions in the
mid-market
with more



than 60 000 installations worldwide. The Rental Solution will be especially attractive to industries which sell or rent construction machinery, construction equipment, scaffolding and bulk items.

Aimit EQM exists in 10 languages, and has been sold in Norway, Denmark, Australia, Italy, Iceland, Hungary, Lithuania, Estonia, Czech Republic, South Africa, UK, Canada and U.S.

Aimit AS Stand #635

The new LoadSwift system helps your people to work more efficiently, more safely, with less downtime, and in an environmentally responsible manner. The LoadSwift loading system from Xena Systems Ltd. can be a vital cog in your multi-storey build, load in/out process. Freeing up valuable tower crane resources, the dedicated load in/out system is greatly more efficient than scaffold hoists, mast climbers and conventional scaffold platforms.

A typical system consists of a new design cantilever crane and set of three, new lightweight rolling platforms. The system has "patent applied for" status and is an evolution of the company's existing X12 crane and patented rolling platforms. The new crane and platforms have been matched and designed to work specifically together as a system.

Xena Systems Ltd. Stand #1057



IMER Group Solutions Presented at SMOPYC 2008

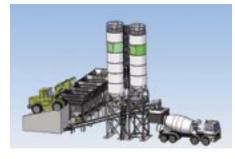
The IMER Group, based in Poggibonsi, Italy attended SMOPYC 2008 to showcase its top-level solutions, with the aim of strengthening its position on the Spanish market: the range of Mortar Spraying and Conveying Machinery and the new ORU LINK concrete mixing plant, particularly suited to the needs of the Spanish companies.

SMOPYC 2008 was used by the IMER Group for the official Spanish launch of its Mortar Spraying and Conveying Division product range. Also showcased were some of the plaster sprayers from the Koine series and the multi-purpose Small 50 screw pump.

The IMER Group's Concrete Machinery Division was at SMOPYC 2008 with its new ORU LINK plant, specially designed to meet the demands of markets where dry systems are widely used. The system, in fact, has been developed on the basis of a thorough analysis of the needs of some European (especially Spanish), Central and South American markets. It is available in a number of different versions and is intended for pre-mixed concrete materials, with a production rate of about 90-150 m³/h. The ORU LINK is made up of 2 monoblocs (plus the cement silos, of capacity 30-70 t): the former comprises the hoppers assembly for the storage and batching of the aggregate and the latter the supporting framework, the folding transfer belt, the batching system, the water system and the control panel. The ORU LINK is fully pre-assembled and pre-wired and simple to transport and install, requiring very few operations for on-site installation.

The new ORU LINK plant is very compact, thanks to the decision to install the cement batching unit above the aggregate transfer belt. It is designed to guarantee maximum material flow and, thus, maximum constancy of production. For this reason, the ORU LINK cement batching unit is located in the upper part of the plant, giving a more rational, continuous flow of mixed cement and aggregate. The production efficiency is then matched by the ease of maintenance and the environmentally friendliness. As well as the ORU LINK, the IMER Group is also exhibiting the BTK 508 concrete batching plant with radius lift arms, capable of meeting the requirements of small construction sites, and the ORU ONEDAY mobile batching plant, a compact, sturdy solution, highly adaptable to specific needs.

Established in 1962 as a craft producer of small machines and equipment units for



the building trade, the IMER Group is now an international organization present in over

40 countries throughout the world, including Canada.



Source: IMER Group

Brevini Power Transmission at IFAT

IFAT 2008, which was held in Munich, Germany, from May 5 to 9, 2008, is the International Trade Fair for Waste Management and Environmental Technology.

Brevini Power Transmission – through its companies Brevini Riduttori, PIV Drives, Brevini Winches and Piv Posiplan – presented its complete range of planetary gear units and in-line and right-angle gear units that are able to satisfy all the needs of this fast-developing sector.

The percolator is a continuously operating, horizontal cylindrical reactor with a

hydraulic mixing system and a hydraulic scraper. The organic waste is inserted in the percolator and sits for two days. Afterwards, it is washed with process water to eliminate soluble matter. The addition of compressed air and bacterial activity trigger

the decomposition of organic material through aerobic hydrolysis. The processed water, enriched with degradation products, leaves the percolator through the grate. A screw feeder sends the solid substances to the dewatering screw press.

S Series Brevini gearboxes – which cover the segment ranging between 34 000 Nm and 500 000 Nm – are used to drive the percolator. They are the perfect solution for these applications that require high performance and high torque in compact spaces. S Series gearboxes, which come in 9 dimensions, are very sturdy and quiet. Thanks to its numerous output and input options and the wide range of accessories, the S Series has expanded the use of Brevini planetary gear units in a vast range of industrial sectors. The planetary gear unit solution described here is 40 to 60% lighter and smaller than traditional gearboxes.

Brevini's gearboxes are playing a major role in helping to overcome the growing environmental problem of waste recycling. The

gearboxes are providing the modularity, lightweight

and compact performance required
on a range of
machines, designed
for shredding waste,
including domestic,
tires and medical equipment, and also for reclaiming
operations. Easily configured to suit
the application, they can be fitted with

a hydraulic or electric motor. The Posired 2 series of planetary helical gearboxes is ideal for waste shredding machines. With an output torque of up to 800 000 Nm, Posired 2 is an extremely versatile system composed of just a few components that can be quickly assembled at competitive costs and in a wide variety of configurations to provide the best standard and customized power transmission solutions.

Source: Brevini Power Transmission

Caterpillar Announces Electric Drive Track-Type Tractor

Caterpillar introduces the D7E – the first electric drive track-type tractor using modern technology. The electric drive system gives the D7E an optimum balance of power, efficiency, control and maneuverability. The system delivers higher productivity, reduced fuel consumption, reduced operating costs and longer drive train component life compared to other tractors in its size class.

The D7E is in the 27 000 kg weight range and is powered by a Cat® C9 engine producing 235 hp. Compared to the Caterpillar® D7R Series II, the D7E will deliver 25% more material moved per gallon of fuel, 10% greater productivity and 10% lower lifetime operating costs. Caterpillar plans to commercially introduce the D7E in select markets during 2009.

In the D7E, the diesel engine drives a generator to produce electricity that ultimately powers two AC electric drive motors, which are connected to a differential steering system. A traditional mechanical transmission is not needed, because the variable speed

electric motors serve the function of a continuously variable transmission. The electric

drive train has 60% fewer moving parts compared to previous D7s. The electric system also provides power to auxiliary components so that no engine belts are needed.

Furthermore, the electric drive train makes operator training easier, because there are no gears to shift. Noise levels in the cab also are reduced by half.

A single, larger blade lift cylinder replaces the traditional dual

cylinders. It provides the power and stability of a dual-cylinder system but with less than half the parts – for reduced maintenance. It also aligns with the center post of the cab to enable enhanced visibility.

The C9 engine with ACERT® Technology meets U.S. Tier 3 emissions standards, and the tractor has been designed with Tier 4a in mind

The available SystemOne™ undercarriage

reduces undercarriage operating costs by 35 to 70%.

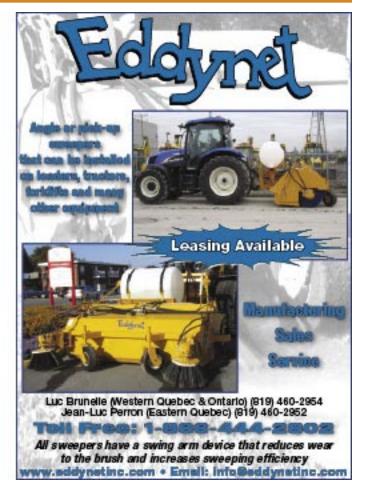


Optional AccuGrade™ grade control system can cut job costs significantly. Every D7E will come Grade Control Ready, which allows installation of the AccuGrade Attachment Ready Option at the factory or at the dealer.

Additional information about the D7E will be announced in 2009 when the electric drive tractor nears commercial availability.

Source: Caterpillar





Landscape Ontario Event Calendar

Garden and Florist Expo, October 21-22, 2008, Toronto Congress Centre, Toronto:

Garden & Florist Expo is the largest Canadian trade show and conference for the garden center and retail florist industries. The 9th annual edition of this dynamic event is a major showcase for new products, recent plant and floral introductions and demonstrations. It will host more than 4000 attendees to the exposition, Garden Centre Symposium, Interiorscape Symposium and Gold Cup floral arrangement competition and awards.

Garden & Florist Expo 2008 is produced by Landscape Ontario in partnership with Flowers Canada Toronto Chapter. **Congress**, January 6-8, 2009, Toronto Congress Centre, Toronto:

Congress is Canada's largest horticultural lawn and garden trade show with an audience of more than 12 500 from across Canada, the United States and Europe. The exposition covers more than 7 acres of exhibits ranging from garden tools to excavators and patio furniture to nursery stock and the three days

of conference hosts more than 50 different seminars.

This year marks the 36th running of the show and introduces a new partnership with Communities in Bloom to present 'The Green Forum'. This special feature will highlight the best environmental products, practices and presentations for municipalities, commercial property owners and the landscape and horticultural industries.

Green Trade Expo, February 18, 2009, Lansdowne Park, Ottawa:

Green Trade Expo is Eastern Ontario's only trade show for the horticulture industry. This annual single-day event features exhibits and seminars for an audience of landscape and horticulture professional and a complimentary lunch for all.

Canada Blooms, March 18-22, 2009, Metro Toronto Convention Centre, Toronto:

While garden centers across Canada are blanketed by snow, Canada Blooms: The Toronto Flower and Garden Show is busy defying the elements with a show that features more than 35 huge indoor gardens on display for the public. For twelve years running, paid attendance at "Blooms" has consistently reached more than 100 000 attendees for this annual rite of spring.

Canada Blooms is a not-for-profit event founded by the Garden Club of Toronto and Landscape Ontario and has provided funding for many garden projects since its inception in 1997.

Landscape Ontario is the largest horticultural trade association in North America with more than 2300 members. Its mission is to be the leader in representing, promoting and fostering a favourable environment for the advancement of the horticultural industry in Ontario.

Source: Landscape Ontario



Acclaimed Speakers at Garden Centre Symposium

Two of the most dynamic presenters of business, sales and marketing in the nursery trades will headline Landscape Ontario speaker lineup for the Garden Centre Symposium.

This education event for garden center and nursery business professionals is scheduled for October 20, 2008 at the Toronto Congress Centre. The two feature speakers are Anne Obarski and Roy Prevost.

Anne Obarski is the executive director of Merchandise Concepts in St. Louis, Missouri and the author of Applied Retail Mathematics and Surprising Secrets of Mystery Shoppers.

Roy Prevost is a Vancouver-based consultant and strategist with more than 25 years of experience in marketing, wholesale, retail and manufacturing for the giftware industry.

Garden & Florist Expo is produced by Landscape Ontario in partnership with Flowers Canada Toronto Chapter.

Source: Landscape Ontario

A Professional Finish Without Manual Labor

Founded in 1987 by the inventor Luc Goulet and bearing the name of Niveltex Goulet Inc., the company became Niveltex Canada inc. in 2007, a sister-company to Les Aciers Huntingdon Steel Inc.

These two companies are located south of Montreal, close to the American border. While still very much involved in the refinement of this marvel of precision and performance, Mr. Goulet sold an exclusive license allowing Niveltex to fabricate and distribute this innovating product throughout the world.



This product redefines conventional methods for leveling work. The latest version of the leveling grid allows swiveling using a hydraulic cylinder, without affecting the flexibility for which this product is reknowned.

The Niveltex grid enables you to realize leveling work on otherwise inaccessible surfaces. When installed on an excavator, it can level steep slopes or deep ditches.

The Niveltex grid is now being used by many renowned landscapers, as well as many municipal public works departments that have acquired this innovative tool in order to improve quality in their repairs.

A live demonstration of the Niveltex grid will take place on May 23, in Huntingdon. Source: Niveltex Canada Inc., (450) 264-0152

Major Successes for Meccannica Breganzese at Samoter and CONEXPO-CON/AGG



triumphant from the Verona Samoter 2008 trade show after having presented the four models in their bucket crusher line to return to their everyday routine. Over 1000 confirmed MB customers

MB, Meccanica Breganzese – always in the running!

The local Vicenza company, worldwide leader in the production and sale of bucket crushers, never relents, but just keeps forging ahead straight towards its targets – objectives always more demanding, awards constantly on the horizon – MB wins hands down!

The winning company came home

visited the stand specifically to congratulate and thank MB, once again, for having given them an exceptional work tool, the indispensable bucket crusher! An overwhelming number of new customers, from Africa, the Middle East and the Far East, were simply amazed at the sight of the bucket crusher's characteristics. Yet, to see it in action simply left them speechless. While

the public watched the bucket crusher in action, a presenter explained how it worked

Fintec Wins Queen's Award for Export Achievement

Fintec Crushing and Screening Ltd, part of the Sandvik Group of Companies, has won the Queen's Award for Export Achievement. The award is designed to reward "a substantial and sustained increase in export earnings to a level which is outstanding for the products or services concerned and for the size of the applicant's operations."

Fintec manufactures track-mounted mobile crushing and screening equipment for the demolition, recycling and extractive industries, and is an established leader in its field, its products in demand around the world. Backed by the support of highly experienced local dealers, Fintec has earned a loyal following from customers as far afield as India, Australia, Latin America, Japan and South Africa as well as Russia and Central Europe. This brand loyalty led to the company winning a coveted International Trade Award and the Northern Ireland Exporter of the Year award in 2006, retaining the latter award the following year.

Fintec Crushing and Screening Ltd operates from a 12 000 m² state-of-the-art manufacturing facility at Ballygawley, North-

ern Ireland that was opened in June 2001, and from an 18 000 m² warehouse facility that was opened in March 2006. The company employs over 350 people, a figure that is

expected to rise to more than 400 during 2008 to match current demand levels.

In May 2007, the company was acquired by Sandvik which bought Extec Crushing and Screening Ltd at the same time. These strategic acquisitions helped propel Sandvik into the number three position in the global screening and crushing mobile market that is worth in excess

of €2 billion annually. Since that acquisition, Fintec has continued to innovate, adding the critically-acclaimed 1440 track mounted impact crusher to its product line at the CONEXPO-CON/AGG exhibition in Las Vegas earlier this year. This new model combines

Fintee's experience in the design of mobile crushers with Sandvik's unquestionable leadership in the manufacture of high output impact crushers and marks a major milestone



in the company's product development.

Fintec will formally receive the Queen's Award during a ceremony at the company's Ballygawley facility later in the year.

Source: Fintec Crushing and Screening Ltd



took off for CONEXPO-CON/AGG.

In Las Vegas, the company from Vicenza and the local dealer, Giberson Enterprises, introduced their innovative products – all four models of bucket crushers – to the North American public.

The close relationship

Central Hall and their setup in the "demonstration area", they were able to present and show the bucket crushers to thousands of visitors.

And that is still not all!

Meccanica Breganzese will
participate to other major
trade shows in the coming
months. Visit the company's
website at www.mbcrusher.

com for more details.

Source: Meccanica Breganzese

and described its many advantages including the latest innovation – the "Iron Separation" phase!

When MB attends a trade fair it practically brings the entire sales staff to the exhibition. Spread out between the test field and the demonstration area, the inside stand and the outside stands, they provide support to the Italy, Germany & Spain, Middle East, and Australia area managers in close relations with their customers.

Just after Samoter, Meccanica Breganzese, known in the United States as MB Crusher,

between MB and the local US dealer gave excellent results! With their inside stand in the

Extec Screen Helps Safeguard Italian Ceramic Heritage

A new Extec E-7 heavy-duty screen is helping to safeguard the future of fine Italian ceramics. Owned by Modena-based clay excavation specialist Fercav srl, the new unit replaces an older Extec unit and has almost doubled output whilst maintaining operating costs.

Fercav srl, a long-established excavation company specializing in clay extraction, has purchased a new Extec E-7 heavy-duty, track-mounted mobile screen. The 28 t unit replaces an Extec Robotrac screen and has already doubled its production levels.

Fercav srl was founded in 1964 by the father and uncle of present owners, Corrado Ferrari and Luigi Portano. Located in Modena at the heart of Italy's world-famous ceramics industry, the company today employs 7 people and is a key supplier of clay to the Marazzi Group, recognized as the world's largest ceramics producer. The company reports that approximately 95% of its annual production is used by the ceramics sector and with demand running high, the company decided to invest in a new heavy-duty scalping and stockpiling machine.

The Extec E-7 is a heavy-duty, trackmounted mobile screening and stockpiling system that is designed for use in the most demanding customer applications. Carried

on a sturdy, crusher-type chassis and featuring an adjustable heavy-duty hopper, double-plated apron feeder, and adjustable incline heavy-duty screen box with high throw and vibration characteristics, the E-7 is purpose built for arduous duties. These include the screening of heavy overburden at a quarry face, pre-screening and scalping, recycling of construction and landfill

waste, and separation of cohesive aggregates.

According to Corrado Ferrari, the test was so successful that he immediately stopped renting the machine and decided instead to purchase one of his own.

Although clearly impressed by the output to cost ratio of his new purchase, Mr. Ferrari is similarly pleased with many other aspects of the Extec E-7, particularly the machine's



mobility. He states that the machine's exceptional manoeuvrability ensures that the loading shovel used to feed it never has to travel more than 10 m, thereby minimizing owning and operating costs still further.

Source: Extec Screens & Crushers Ltd.

Liebherr Helps Building the Largest Thermoelectric Solar Energy Installation in Europe

Last year, Liebherr supplied a 130 EC-B 6 FR.tronic Flat-Top crane to Sanlúcar la Mayor, close to Seville, in Spain, where it is being used in the construction of the largest thermoelectric solar energy power station in Europe.

Plans are for this solar power complex for thermoelectric and photo-voltaic power generation, after completion in 2013, to provide power for some 180 000 households. The experts are confident that the facility has the potential, in comparison with conventional methods, to save the emission of 600 000 tonnes of CO₂ into the atmosphere annually.

The 130 EC-B 6 FR.tronic Flat-Top crane has been mounted on foundation anchors with a hook height of 17 m, established on the roof of the building. The crane has grown in height in step with the construction progress of the solar tower, and in only two months reached a lift height of more than 165 m. Disassembly will take place with the help of a helicopter once the work has been completed.

For this particular project, the 130 EC-B 6 FR.tronic has been set up in the two-line version with a jib length of 40 m, achieving a maximum carrying load of 6000 kg. Maximum load capacity at the tip is 3350 kg.

The 30 kW frequency converter hoist gear of the 130 EC-B 6 FR.tronic is ideally suited for rapid and precise load handling. At speeds of up to



Vestas receives 66 MW order for V90-3.0 MW turbines in Canada

Vestas has received an order for 22 units of the V90-3.0 MW wind turbine. TransAlta Wind has placed the order for its Blue Trail Wind Farm which is located southwest of the town of Fort MacLeod in southern Alberta in Canada. The turbines will have a total installed capacity of 66 MW.

TransAlta Wind is a division of Trans-Alta Energy Corporation, part of TransAlta Corporation which is among Canada's largest non-regulated power generation companies. Headquartered in Calgary, Alberta, TransAlta Wind develops and operates wind power plants in Canada.

"TransAlta is a long-time customer of Vestas, and we are delighted to once again be working with TransAlta and further strengthening our relationship," says Jens Søby, president of Vestas Americas A/S, and continues: "The province of Alberta has excellent wind resources and is one of the leading Canadian provinces in wind development. Canada is currently setting ambitious targets to increase the share of renewables in their energy mix and to reduce the emission of greenhouse gases. It is very encouraging to see that at both federal and provincial levels, targets are being backed by concrete



action that includes a substantial amount of new wind generating capacity and investments in transmission lines."

The order comprises supply and commissioning of the wind turbines and a five-year service and maintenance agreement.

Delivery of the turbines is scheduled to begin mid-2009, and Vestas expects to complete commissioning in the second half of 2009.

Source: Vestas Americas A/S

126 m/min, the Liebherr Flat-Top crane safely and reliably hoists the parts of the solar installation, some of which are extremely sensitive, up onto the roof of the tower to be incorporated into the structure.

The solar tower consists of a "park" of 1255 solar mirrors, each of which measures 120 m² and automatically turn to face the sun with the aid of a motor. Depending on their position in the park and the distance from the solar collector, the solar mirrors have the optimum curvature, which ensures that, despite the rotation of the mirrors, the sun's rays are always directed at the same absorber point at the tip of the tower. The solar collector on the roof of the facility makes use of the energy obtained from what is referred to as the "Heliostat" (mirror) in order to generate steam. A conventional turbine then drives a generator, and so finally produces the energy. At the same time, the tower also serves to cool down the generated steam once again.

Source: Liebherr



Kubota Announces the Super 07 Series of Engines

The Kubota 07 Series is a totally new concept in engine design developed with various requirements necessary for a wide range of industrial applications. A side PTO option is available, offering up to 100% power take-off (PTO) from a gear train located on the flywheel side. This design presents compact positioning of PTO hydraulic devices. In response to the trend of increasing hydraulic control devices in industrial machines, it is possible to install up to three hydraulic pumps with different capacities.

Fan positions are available in two heights to adapt to various equipment configurations.

A four cylinder, direct injected, turbocharged engine, it is

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www.infrastructures.com

rated at 74,3 hp at 2600 rpm. Although it is a 3,3 I engine, weighing in at 268 kg, it has the compact size of Kubota's 2.4 I engine package. Stay tuned for additional 07 Series engines that will be released soon.

These engines have been designed to comply with EPA Interim Tier 4 (Option 1) emission regulations, which are the most stringent in this size range. They also comply with EU Stage #3A requirements. This gives these engines the benefit of one year longer validity in both Europe and North America over any Tier 3 engines. Meeting emission regulations with minimal additional required devices keeps

the engines costs down. Kubota is able to reduce NOx with only mechanical means, such as a compact cooled exhaust recirculation (EGR) system.

These new engines have been designed to reduce transmitted vibrations and radiated sound, resulting in lower noise levels. Operator and environmentally friendly, the Kubota 07 Series begins a new era of Kubota's engine design.

Source: Kubota Corporation



Waste Disposal Trucking Firm Selects

SmartFleet® GPS Vehicle Tracking

Connecticut waste removal and demolition firm AMEC Carting has selected Safefreight's GPS vehicle tracking system to provide them with real-time fleet management data for their trucks.

"SmartFleet® provides us with the tools to better serve our customers and reduce fleet costs," said AMEC president, Guy Mazzola. "We looked at a number of vendors but we chose Safefreight because of their user-friendly internet application and their commitment to customer service," he added.

With SmartFleet®, AMEC users can easily create real-time exception-based alerts to optimize customer service and fleet productivity. Beyond knowing where their trucks are, when they got there and how long they stayed, SmartFleet® also provides AMEC important information about keeping those vehicles properly maintained and on the road. The SmartFleet® GPS fleet management system provides a service that delivers information to increase AMEC's overall productivity and profitability.

According to a 2007 report by the Aber-

deen Group, businesses are "... using fleet management solutions to realize such benefits as 12,2% increase in service profitability, 13,0% improvement in vehicle utilization, and 14,8% decrease in travel time, and 27,9% increase in operator compliance." The report

also concludes that businesses justified the investment in fleet management solutions as a result of average annual savings of \$1100 per vehicle in operational costs alone.

With the recent addition of new features to SmartFleet® Manager – Safefreight's online fleet management software – clients can: optimize routes and send turn-by-turn directions to drivers in real-time; quickly identify closest vehicle to a location and dispatch that vehicle for more efficient deployment of fleet assets; and visualize SmartFleet® data in Google Earth.

"We appreciate the opportunity to help AMEC enhance their level of customer service through telematic fleet management," said Curtis Serna, CEO of Safefreight. "AMEC is

100-00-

a service oriented company and they expect the same high standard from their suppliers. We look forward to meeting that standard," he added.

Founded in 1998, Safefreight is a developer and provider of a GPS AVL system for fleets in a range of industries including energy, transportation and hazmat. Through SmartFleet®, it provides full fleet visibility and security through telematic technology that integrates an onboard GPS device, vehicle to internet software, and cellular or satellite communications so that managers have the tools to optimize their fleet resources, customer service and safety.

Source: Safefreight Technology

Belt Scrapers Go From Do-It-Yourself to Hi-Tech



For many in the cement and aggregate industries, belt scrapers have often been a matter of "doing it yourself." Such measures – for example a piece of conveyor belt material or whatever else might be laying around, perhaps fixed to a conveyor idler for tension – have been taken in an effort to save money.

The truth is, though, is that not only are such solutions inferior to current technology

"I've seen everything used for belt scrapers," says Bob Welker, sales and marketing manager for Argonics, Inc. "You often see a piece of conveyor belt attached to a weighted

lever system where they'll have a conveyor idler just bouncing on a chain on the end of a lever to supply the tension. I've even seen an old alternator from a truck used as weight, and bungee cords used as well."

"Obviously such a rig could break and drop something on somebody," Bob Welker continues.

"Also, an old piece of conveyor might contain steel that actually damages the new belt."

"People will come up with all kinds of interesting ideas in an effort to save money on belt scrapers," says Alan Stark, sales rep for the Tons Per Hour product line with Aggregate Production Services, Inc. "I've seen everything from hanging weights off the ends of cantilever arms with a rubber clamped

has actually produced belt scrapers that are indeed "state of the art".

Doug Hammons is the plant operator/lead man with Teichert Aggregates, leading



California aggregate producer. Early on in his career, he also used homemade solutions. "We used to make our own with a piece of thick rubber and a big contraption with a counterweight on it," he recalls. "They worked all right if you placed them just right and paid a lot of attention to them."

Along with many other cement and aggregate producers, Doug Hammons has





and actually lose money for a company, they can often be damaging to conveyors as well. In the end, it can be a far better choice to go with a company that has taken the time, effort and research to develop a truly cost-effective system.

wiper to using springs, nuts and bolts for tension."

Obviously belt scrapers are a necessity to keep conveyors clean of material buildup that, if not taken care of, would quickly render the conveyor useless. But modern technology long-since discovered that when it comes to belt scrapers, there is definitely a better solution. When he took over the Teichert plant, he found belt scrapers being used that were inferior and frequently wore out. "I always like to give everyone a fair chance and try other blades," he says. "But I had used one kind at my previous company and found them to be the best. We found them to be the superior here, also."

The belt scrapers that Mr. Hammons uses are of specially formulated polyurethane, produced by Argonics, Inc. "We get at least double the life out of these belt scrapers than any others we've tried," he reports. "And they last far longer than any homemade solution I ever used."

Polyurethane is a compound of artificial and organic compounds providing outstanding physical properties that produce an advanced wear-resistant product and versatility of applications. It outperforms rubber, metal or plastic, especially in the belt scraper application.

"They're good enough that we don't even have to go back and re-tension them," Hammons adds. "We can leave them until the blade gets short and then replace the blade."

Alan Stark of Aggregate Production Services has found these belt scrapers to be superior, also—in fact, they are the best-selling item in his sales territory. "Their chemical makeup just about knocks the socks off anything in the industry, as far as wear goes," he says. "Most of my customers have retrofitted their existing systems with these."

The strength of the belt scrapers used by Hammons is in the proprietary formulation of the polyurethane—a formulation that causes the blades to last 2 to 3 times longer than others and has the advantage of 60% less coefficient of friction than rubber. They also provide reduced drag on conveyors lowering horsepower use, and the nonporous surface does not collect material that can damage the belt.

The belt scrapers are available in a variety of formulations depending on your application. In addition to the standard scraper, there are also flat dual-durometer scrapers available in which a harder portion scrapes rough material while a softer portion produces a squeegee effect, a "sandwich" version in which a softer, flexible layer of polyurethane is placed between two harder layers to provide heavy duty performance with flexibility, and an extremely tough scraper with ceramic wear beads embedded into a polyurethane matrix.

Due to their longer life spans and rugged durability, polyurethane belt scrapers save considerable time and money for cement and aggregate applications.

Source: Argonics, Inc.

New Bri-Mar Line of Dump Inserts Expands Pick-up Truck Versatility

Bri-Mar has done it again! Through innovative technology and adaptation of their field-proven dump trailer, come the DI-100 and DI-100-6 Dump Inserts. Available now for both 8' and 6' beds, these inserts aid in the removal and transport of mulch, stone, dirt and debris. The dump insert fits easily and securely in the back of any pick-up truck, quickly converting it into a cost-effective dump truck.

Much like the dump trailer, the dump insert uses a heavy-duty hydraulic scissors lift, powered by a Monarch electric/hydraulic system with a remote. Save precious time and energy that are better spent elsewhere. This line of products eliminates the need for manual material removal, preventing extra work, injuries and possible damage to the bed of the truck.



The insert comes in both 1,62 x 2,58 m (DI-100) and 1,62 x 1,93 m (DI-100-6) sizes and offers a rated lift capacity of 2700 kg. Due to its smaller, more compact size, the DI-100-6 holds a volume of 1,14 m 3 while the DI-100 transports up to 1,52 m 3 . A Bri-Mar dump insert becomes an invaluable tool for any landscaper, renovation contractor, roofing & siding contractor or homeowner with a pick-up truck.

To resist the elements, Bri-Mar designed and built the dump inserts with 12-gauge steel floor and 14-gauge sides and they are acid etched and then finished in a black Valspar powder-coated paint for professional appearance and long-term durability. To increase carrying capacity, four stake pockets run the length of each side, allowing easy insertion of posts and construction of higher walls to increase capacity for lighter materials. Each model comes with a standard one-piece tailgate, complete with chains.

Options for both models include a full-height cab protector to ensure visibility and the integrity of rear-window glass; a tarp kit, and a convenient wireless remote. As with all reliable Bri-Mar products, a two-year warranty is standard.

Source: Bri-Mar Manufacturing





The Atlantic Heavy Equipment Show continued it's record breaking ways on April 3 & 4, 2008 at Moncton's Coliseum Arena Complex with more exhibitors than ever before and a record-setting attendance of 11 660 visitors in just two short days.

Thursday started out rather ominously, with hurricane force winds and chilling temperatures. But it did not keep the loyal heavy equipment enthusiasts away. Friday was much better, weather-wise, and also was the strongest day of the show. Exhibitors once again outdid themselves with their gleaming displays of heavy machinery, products and accessories. The organizers wish thanks to the Atlantic Land Improvement Contractors Association (ALICA) for their support.

The Inaugural Backhoe Rodeo in the outdoor exhibits area was a good success. Operators of all skills and ages stepped up during the two days of competition, with the overall Grand Prize winner, Luke Dillon, of Kathron Equipment in St. Martins, being announced on Friday afternoon. Many thanks to "Rodeo-John Higgins" from ALICA for his efforts in organizing the Backhoe Rodeo.

Source: Master Promotions



G.B. Roofing Aims High!

Recently, Gilles Boudreau, owner of G.B. Roofing in Moncton, NB, took delivery of a Garlock Versa-Lift, the first in Atlantic Canada.

According to Mr. Boudreau... "We saw the ad in InfraStructures and called Garlock to find out more. When we leant that we could see a machine on the jobsite in Florida, we made a slight detour during our vacation..."

The 32 m unit comes complete with Trash Discharge, Work Platform and Box, Gravel Bucket and extendable Knuckle. Also, with every unit a Garlock specialist is available for crew training and initial set-up. "With local parts and service, and direct factory assistance we felt that not only will our productivity be high, so will our peace of mind...", added Gilles Boudreau.

The light weight, maneuverability, and ease of use really make the Versa-Lift a productive and useful machine for commercial roofers and other contractors. Years of proven, safe, reliable operation throughout the world give owners satisfaction in a sound investment. The Garlock name, well known for quality and reliability further enhances the reputation of such innovative technology.

Source: Garlock Equipment Company



Green Roof Market Grows by Over 30% in 2007

Call it a gift for the earth just in time for Earth Day. Last year, 30% more green roofs were installed in North America – and that means more beautiful rooftops, cleaner air, cooler cities, reduced energy consumption, less untreated stormwater running into our rivers and streams, and more green spaces for people, plants and animals.

This good news comes from Green Roofs for Healthy Cities' 3rd Annual Green Roof Market Industry Survey of its corporate members and represents a 5% increase over last year's annual market growth rate of 25%. The survey is based on square footage of green roof projects installed by GRHC's corporate members in 2007.

"We're particularly thrilled to see Baltimore on our list for the first time as it is the host city of our annual international green roof conference," said Steven W. Peck, founder and president of Green Roofs for Healthy Cities. "We're also pleased to see Washington, on the list again as the government of the District of Columbia is this year's winner

of an Awards of Excellence for Civic Leadership. Significant green roof implementation can save tens of millions of dollars from reduced energy, and greatly

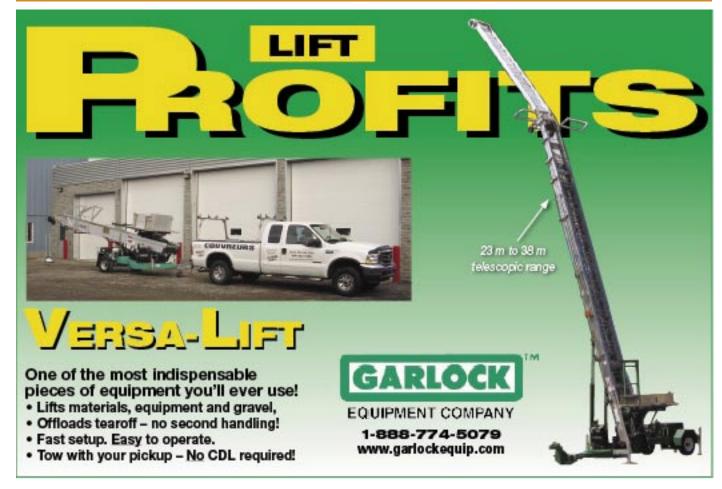
improve regional stormwater management and air quality."

Other newcomers to the Top 10 U.S. Cities list: Brooklyn, New York; Virginia Beach, Virginia; Royersford and Philadelphia, Pennsylvania; Amery, Wisconsin; and Germantown, Maryland. The City of Chicago remains the number one city for green roofs with over half a million new square feet of green roofs installed in 2007, evidence of the city's commitment to becoming America's greenest city through green roof policies and incentives that support green roofs, walls and other forms of living architecture.

Green Roofs for Healthy Cities - North

America, Inc. was founded in 1999 as a small network of public and private organizations and is now a rapidly growing not-for-profit industry association for green roof experts in North America. Its mission is to increase the awareness of the economic, social and environmental benefits of green roofs and green walls, and other forms of living architecture through education, advocacy, professionalism and celebrations of excellence. Green roofs involve the use of specialized drainage systems, growing media, filter cloths, and root repellent layers that allow plants to grow on barren roof tops.

Source: Green Roofs for Healthy Cities







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Agenda

INTERtunnel 2008 - 8th International Tunnelling Exhibition May 20 - 22, 2008 Turin, Italy

Eurobitume & EAPA Congress 2008 May 21 - 23, 2008

Copenhagen, Denmark

CFMS - Canadian Fleet Maintenance Seminar

May 26 - 29, 2008 Toronto, ON Canada

The Crane Rental Association of Canada 2008 Conference May 28 - June 1, 2008

Regina, SK Canada

International Rental Exhibition, IRE 2008

Amsterdam, The Netherlands

AORS 2008 TRADE SHOW - June 4 and 5

June 4 - 5, 2008 Walkerton, ON Canada

CTT Moscow 2008

June 17 - 21, 2008 Moscow, Russia

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

APEX 2008 September 17 - 19, 2008

Maastricht, The Netherlands

DEMO International 2008 September 18 - 20, 2008 Halifax, NS Canada

MINExpo® 2008

September 22 - 24, 2008 Las Vegas, NV USA

INTEROUTE&VILLE 2008

September 23 - 25, 2008 Rennes, France

Sim Congress (Société de l'industrie minérale)

October 14 - 17, 2008 Limoges, France

Garden & Florist Expo 2008

October 21 - 22, 2008 Toronto, ON Canada

ICRI 2008 Fall Convention - International Concrete Repair Institute October 29 - 31, 2008 St. Louis, MO USA

CamExpo 2008

November 7 - 9, 2008 Quebec City, QC Canada

Bauma China 2008

November 25 - 28, 2008 Shanghai, China

inter airport China

December 2 - 4, 2008 Beijing, China

Concrete Sawing & Drilling Association - CSDA 2009 Convention March 3 - 7. 2009

Cancun, Mexico

World of Asphalt Show & Conference / World of Aggregates

March 9 - 12, 2009 Orlando, FL USA

EXPO Grands Travaux

April 3 - 4, 2009 Montreal, QC Canada

Intermat 2009 April 20 - 25, 2009 Paris, France



Moscow, Russia

Bauma 2010

April 19 - 25, 2010 Munich, Germany







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