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A Brief Word...

As Beijing passes into memory and the leaves begin to indicate that a bronze performance beckons, our industry sprints toward the finish after a marathon year of toil and triumph.

With Athenian determination, InfraStructures is there to highlight innovation, and to showcase the Gold Medalists amongst you. All the more reason to send us your coordinates, news, photographs, or tell us of any event that may be of interest to your colleagues. Support from our loyal readership, associates and advertisers allows us to bring you the World Record coverage you expect from Canada's only bilingual equipment publication.

You read with interest our 'Opening Ceremony' coverage of the winter maintenance season in our last issue. Make way for more record setting achievements with this month's edition. Coverage of the innovations and products that will see you high-jumping to success. Sprint into the homestretch of autumn with news and current events to keep you out in front. Michael Phelps may be taking a break, but InfraStructures will set all hands to the oars to keep you up to date with every stroke, ...of the pen.

Take a moment, compose yourself, and ingest your monthly tonic. We're no dopes, we know you enjoy the refreshment InfraStructures brings as you continue to strive with your Herculean tasks. Think of us as the Olympic Torch, relaying the eternal flame across Canada and beyond.



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On the cover:

Statfjord is an oil and gas field in the Norwegian sector of the North Sea operated by StatoilHydro.

While working conditions on offshore drilling rigs can be extremely hazardous, they can also reward workers with spectacularly scenic views.
(photo: Øyvind Hagen / StatoilHydro)

ACORN ENERGY ACQUIRES COREWORX

Acorn Energy, Inc. recently announced the completion of its acquisition of Coreworx Inc. (formerly Software Innovation Inc.) of Kitchener, Ontario, provider of the Coreworx™ suite, the world's leading software tool for capital project information management and collaboration. Coreworx is currently utilized to help manage the construction of hundreds of major capital projects, including offshore oil production, refineries, mining operations and

power plants around the world. The acquisition is a strategic move by Acorn Energy to participate in relieving a major pinch point in the ongoing global energy infrastructure boom.

John Moore, CEO of Acorn Energy, stated, "Skyrocketing energy demand has created a global energy infrastructure crisis. As energy producers drill deeper for oil, build larger mines and new, next generation power plants, bringing these facilities on-line on time

and on budget is more critical than ever. They are finding their existing business process tools and their dwindling experienced workforce are inadequate to manage the increased project size and complexity and capitalize on the opportunity. Coreworx is the leading productivity tool for effectively managing the new level of construction scale and complexity associated with these new energy and other infrastructure projects."

Source: Acorn Energy, Inc.

IST AWARDED CONTRACT IN OILSANDS

Aecon Group Inc. recently announced that its wholly-owned subsidiary, Innovative Steam Technologies (IST), has been awarded a contract to supply its Enhanced Oil Recovery (EOR)/Steam Assisted Gravity Drainage (SAGD) system to Serrano Energy in Alberta.

Under the terms of the contract, IST will design and supply one 50 MMBTU/h Steam Assisted Gravity Drainage boiler for an enhanced oil recovery application in Northern Alberta's oilsands. The unit enables the production of 1100 bbl/d. The unit is scheduled to be delivered in March of 2009.

"We are very excited about this project award, which is IST's first EOR/SAGD project in Alberta, and the first full-scale new build EOR unit," said Bob Dautovich, president of IST. "The EOR system is an important strategic product for us and this sale highlights our ability to respond to this significant and growing market."

IST will be working with Equinox Engineering Ltd. as the purchaser of equipment and engineer on the project for delivery to Serrano Energy. The units will be entirely fabricated in IST's Cambridge, Ontario location and then transported to the Alberta site.

Source: Aecon Group Inc.

SNC-LAVALIN ACQUIRES LABORATOIRE SOL ET BÉTON

SNC-Lavalin is pleased to announce that its subsidiary, Groupe Qualitas, has acquired Laboratoire Sol et Béton L.S.B., a firm specialized in material and geotechnical engineering, based in Quebec City since 1973.

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With some 50 employees, Laboratoire Sol et Béton L.S.B. has just joined the ranks of SNC-Lavalin's Materials and Geotechnical Engineering Division, which now employs over 600 people in Quebec.

This acquisition enables SNC-Lavalin, already a major player in engineering in the Quebec City region, to expand the range of services it provides to its clients.

Source: SNC-Lavalin Group Inc.

GENIVAR INCOME FUND ACQUIRES PETERSON GALLOWAY

The GENIVAR Income Fund is pleased to announce the acquisition of Peterson Galloway Ltd., based in Victoria, British Columbia.

Peterson Galloway Ltd. was founded in 1999, bringing together the resources of three long-standing Victoria-based structural consulting practices. The firm has 16 employees and provides comprehensive structural engineering services from concept to commissioning. It has developed extensive experience in heritage buildings and seismic upgrades and design, as well as in green building initiatives. Peterson Galloway's clients include the University of Victoria, Royal Roads University, various School Districts, the Provincial Government, Public Works and Government Services Canada, the Department of National Defence, as well as many clients in the commercial, residential, healthcare and recreation sectors.

Source: GENIVAR Income Fund

GENIVAR INCOME FUND ACQUIRES HENDERSON PADDON & ASSOCIATES

The GENIVAR Income Fund is pleased to announce the acquisition of Henderson Paddon & Associates Limited, an Ontario-based civil engineering and environmental consulting firm. GENIVAR now has more than 600 employees in Ontario.

Founded in 1972, Henderson Paddon has 70 full time employees at offices in Owen Sound, Hanover, Grimsby and Clarksburg, as well as up to 60 additional people working on contract administration assignments for the Ontario Ministry of Transportation. It also has an extensive list of public and private-sector clients, including numerous Ontario municipalities, various provincial Ministries, First Nation Communities and private clients including Waste Management of Canada, leading land developers and commercial construction clients.

Source: GENIVAR Income Fund

IRON ORE COMPANY OF CANADA SELECTS RAJANT CORPORATION FOR MINE WIDE WIRELESS COMMUNICATIONS

Rajant Corporation announced recently that it has been selected by the Iron Ore Company of Canada (IOC), to supply the primary communications platform for mining operations at the IOC mine located in Labrador City, Newfoundland & Labrador.

The mine-wide Rajant BreadCrumb® wireless mesh network will enable IOC to run

multiple mining applications such as dispatch and health monitoring of capital equipment. The wireless network will be comprised of both fixed, stationary systems and a high number of mobile wireless systems all simultaneously interconnected. Thousands of Rajant BreadCrumb® systems are deployed worldwide, including a mine-wide installation at the Rio Tinto owned Kennecott Utah Copper mine at Bingham Canyon.

IOC will deploy a large number of Rajant



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BreadCrumb® systems in an interconnected wireless, meshed, self-healing network that will allow loader trucks, shovels, pumps, laptops and other production equipment to communicate with each other in real-time. Many devices that require wireless communications are constantly on the move throughout the mine and the BreadCrumb® nodes will be able to rapidly adapt to any changes in the network topology, assuring that IP traffic uptime and bandwidth are maximized. A unique benefit of a Rajant network is that no 'root node', central access point or 'LAN controller' is required, thus eliminating extra network latency and single points of failure.

Conditions in Labrador City are extremely difficult. The wireless mesh system must be able to handle the extreme temperatures, wind, vibration and dust.

IOC is Canada's largest iron ore producer and a leading global supplier of iron ore pellets and concentrates. Owned by Rio Tinto (58,7%), Mitsubishi Corporation (26,2%), and the Labrador Iron Ore Royalty Income Fund (15,1%), IOC operates within the Rio Tinto Iron Ore group and maintains its head office in Montreal, Quebec. The facility began operation in 1962 and has produced more than one billion tonnes of crude ore with an average iron content of 39%.

Source: Rajant Corporation

SME AND EMCI™ ESTABLISH UNIFYING INDUSTRY STANDARD FOR ENGINEERING MANAGEMENT CERTIFICATION

The Society of Manufacturing Engineers (SME) announced recently that it has signed an agreement to establish a partnership with Engineering Management Certification International (EMCI™), a certification program that both facilitates and maintains competence in engineering management among qualified engineers, scientists and technologists. This new collaboration continues the creation of unifying a standard for this in-demand certification.

Effective July 15, SME will close its Certified Engineering Manager certification

and merge it with the EMCI program. All previously SME-certified CEM's will become certified through the Engineering Management Certification Fundamentals (EMCF) or Engineering Management Certification Professional (EMCP) designation.

The EMCI program will also align SME with other leading engineering and management associations, which include founding partners ASME (American Society of Mechanical Engineers), ASCE (American Society of Civil Engineers), ASEM (American Society of Engineering Management), AIChE (American Institute of Chemical Engineers) and AIME (The American Institute of Mining, Metallurgical and Petroleum Engineers).

SME's announcement comes after a thorough comparison of its own CEM program

and the EMCI program. Strong synergies between the programs were identified, and SME determined that by merging its program with EMCI it could provide its members and customers with a more powerful, widely accepted credential that is highly endorsed by other engineering societies. SME executive director and general manager, Mark C. Tomlinson said, "SME frequently collaborates with other engineering societies to develop the most beneficial results for members and customers. In that spirit, we are pleased to announce this partnership."

Mr. Tomlinson also reassured those currently holding the CEM credential, "that the merger of the CEM and EMCI programs will provide a more perfect union of SME's strengths with those of the founding organi-

Astec Industries, Inc – Roadtec Division to Acquire JR's Welding, Inc.

Astec Industries, Inc. recently announced that it has entered into a definitive agreement to acquire assets and key personnel of JR's Welding, Inc. a rebuilder and manufacturer of asphalt milling drums and cutter housings headquartered in Norwalk, Ohio.

Incorporated in 1998, JR's Welding is an industrial welding facility. The company supplies the asphalt milling industry proprietary wear components of asphalt milling machines that provide superior performance and increased life in the field. JR's Welding will relocate to Chattanooga, Tennessee, with key personnel Jeff Rule and Jeff Rule Jr. The transaction is expected to close during the third calendar quarter.

Jeff Richmond, president of Roadtec said, "We are extremely pleased to announce the addition of JR's Welding product offering to the Roadtec customer base. As an addition to our existing Roadtec equipment rebuild program, this will allow Roadtec to further our efforts in competitive rebuilds of milling drums. JR's Welding's proprietary drum designs and the proven performance of said designs have an excellent following in the market." The recent expansion and increased capacity of both Chattanooga Roadtec facilities (Manufacturers Road & Riverside Drive) and the addition of our new robotic drum welder, are the perfect complement to the JR's Welding acquisition. Roadtec Management has known the Rule family for many years as respected manufacturers. They have been a good supplier to Roadtec but more importantly, to competitive users of all makes of milling machines. Mr. John Irvine, Roadtec VP of Sales and Marketing states, "JR's Welding provides a strategic fit for our existing customers (and more importantly new customers) to provide new market share growth in new equipment sales and rebuild sales at Roadtec. JR's Welding has a customer focus and culture of exceptional service similar to Roadtec. We are pleased to be able to expand our customer reach into this competitive wear parts industry."

Source: Astec Industries, Inc.



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zations. Members will also find that the EMCI program offers a more robust curriculum and therefore, a greater body of knowledge.”

To complement this announcement and ease the transition between the certifications, all current CEM holders have been notified by letter throughout July and August.

Source: The Society of Manufacturing Engineers

NEW ISO STANDARD FOR SAFE, LONG-LASTING BUILDING, ENGINEERING AND INDUSTRIAL STRUCTURES

ISO has published a new standard to help engineers, builders and regulators to design structures that are safe and resistant to failure due to environmental and mechanical stresses, and to material degradation.

Buildings, civil engineering works, industrial structures, etc. and their components should be conceived, constructed, inspected, maintained and repaired in such a way that, under foreseeable environmental conditions, they maintain their required performance during their design lives with sufficient reliability for the safety and comfort of users and the intended use of the structure.

ISO 13823:2008 – General principles on the design of structures for durability specifies general principles and recommends procedures for the verification of the durability of structures subject to known or foreseeable environmental actions, including mechanical actions, causing material degradation leading to failure of performance. It will help to ensure reliability of performance throughout the service life of the structure.

Source: International Organization for Standardization

GARTNER LEE MAKES ENR'S TOP 200 ENVIRONMENTAL FIRMS LIST

Gartner Lee ranks 115 on the Engineering News Record's (ENR) Top 200 Environmental Firms List for 2008. This annual report, based on 2007 gross revenues, placed particular focus on how sustainability and resource cleanup, protection and reuse have rewarded those firms that embraced these elements.

Grant Anderson, president and CEO of Gartner Lee Limited, was pleased stating, “We are proud to be recognized as one of the top 200 on ENR's list of environmental firms.” He went on to say, “Environmental issues

have become so mainstream – no longer the concern of just a few special interest groups. Today the environment is at the forefront. It has soared to the top of the agenda in corporate suites around the world. Corporations of every size are stepping up to find sustainable solutions and meet environmental challenges head on; less due to regulatory compliance and more because organizations realize its importance in creating shareholder value.”

Source: Gartner Lee Limited

TEREX TO ACQUIRE FANTUZZI INDUSTRIES PORT EQUIPMENT BUSINESSES

Terex Corporation recently announced that it has reached a definitive agreement to acquire the port equipment businesses of Fantuzzi Industries S.a.r.l. for total consideration of approximately €215 million. These businesses are global leaders in the design, manufacture, and service of port equipment, with factories in Italy, Germany and China, as well as sales and service branches around the world. The company had 2007 revenues of approximately €447 million. The transaction is subject to customary closing conditions, including regulatory approval, and is anticipated to close in the fourth quarter of 2008.

“This acquisition provides us with an important growth opportunity in the intermodal transportation area of infrastructure,” said Ronald M. DeFeo, Terex chairman and CEO. “The acquisition is an excellent fit with our strategy of expanding our market presence in related product areas and is a natural extension of our Cranes business. We expect this acquisition to be accretive to Terex earnings per share by the end of 2009.

The existing Terex reach stacker product line will be joined by the Fantuzzi product range that includes Noell branded straddle carriers, both Fantuzzi and Noell branded rail and rubber tired gantry cranes, mobile harbor cranes, ship-to-shore cranes, and reach stackers and forklift trucks designed to improve port productivity and throughput. “We are truly excited to welcome these businesses and their team members, distributors and customers to the Terex Cranes family,” said Rick Nichols, president, Terex Cranes. “This acquisition represents an exciting opportunity for both companies, and together we will ensure that our customers in the port equipment and lifting segments will be the ultimate beneficiaries of our expanded product and service offerings.”

Source: Terex Corporation

Hebron Development Agreement Signed

The Government of Newfoundland and Labrador, and the province's oil industry co-venturers recently signed the final deal for the development of the province's fourth offshore oil project, Hebron. The Hebron project, located approximately 350 km offshore the island portion of Newfoundland

and Labrador, is a joint venture among the province's energy corporation, on behalf of the Government of Newfoundland and Labrador, Chevron Canada, ExxonMobil Canada, Petro-Canada and StatoilHydro Canada.

“We are very pleased to have achieved this milestone for the Hebron project, and to be part of a major addition to offshore oil production infrastructure in the East Coast of Canada. We welcome the Provincial energy company into the Hebron joint venture and look forward to working with the operator, Chevron, to move the project towards future milestones,” says senior vice president for Offshore Upstream in StatoilHydro Canada, Bruce Brummitt.

StatoilHydro is already a partner in the Hibernia and Terra Nova fields, and will drill an exploration well on the Mizzen prospect this fall.

“We hope that through our technology background and with our experience from harsh environments we can make a positive contribution to this project. Our experience from similar, large fields on the Norwegian continental shelf encourages us to look for upside potential in Hebron and work to maximize the potential of field,” says Mr. Brummitt.

First oil is expected between 2016 and 2018 with production reaching a peak of approximately 150 000 bbl/d two years later.

Source: StatoilHydro, Government of Newfoundland and Labrador



photo: Øyvind Hagen / StatoilHydro

Hydraulic Crown Jacking Procedure Shapes the Concrete Arch of the Third Millennium Bridge

*Irene Kremer, Enerpac BV
Special Collaboration*



Third Millennium Bridge (which has a total length of 270 m, a 216 m span, a 48 m wide deck and a total 68 m overall width, including 6 traffic lanes and 2 bicycle lanes. The entire structure is made of high-strength concrete).

“Concrete is an unusual choice for such a large bridge with such a unique configuration, and that presented the challenge of perform-

raise the deck to its final position,” said Jesus Gonzalez.

The success of the project depended crucially on the smooth and safe implementation of delicate jacking procedure as part of the project’s critical path. With three days to complete the crown jacking of the arch, engineers needed absolute precision, reliability



Two thousand years after the Romans built for some of history’s most celebrated arches, one of their ancient cities has given rise to a new engineering feat that reflects their triumphs.

The Third Millennium Bridge at Zaragoza, Spain’s fifth big city – formerly the Roman fluvial port of Caesaraugusta, serving the Ebro Valley of Spain – is a showpiece of the city’s Expo 2008 and one of the world’s most amazing bridges. With its elegant complex structure surmounted by a concrete bowstring arch, the €36 million structure by architect Juan José Arenas de Pablo involved a unique feat of hydraulic engineering.

As the deadline loomed for the Expo which opened on June 14, 2008 – and with only three days in which to complete the job – a PLC-controlled Enerpac Synchronous lifting system was employed to delicately and precisely ease apart a 12 000 t load to make space in the crown of the arch for the bridge’s final concrete casting.

Just as the Romans used advances in the technologies of concrete and hydraulics to build their aquaducts and triumphal arches, so construction company Dragados turned to the advanced Enerpac PLC-controlled hydraulic technology to perform the world record in the crown jacking of the arch of The

ing a world record crown jacking operation carried out by Dragados using the hydraulic solution supplied by Enerpac,” said Jesus Gonzalez, technical director of Enerpac in Spain.

“The most crucial operation of the construction process, which took place in the first week of April 2008, was the jacking apart of the crown of the bowstring arch. This



was done using the Enerpac synchronous hydraulic system with six double-acting lock nut cylinders, each with a lifting capacity of 2000 tons and with all six jacks monitored by a single PLC-control unit.

“This integrated hydraulic system was used initially to move the arch and push the cantilevers apart to make space for the final casting. Then it was employed to provide hydraulic jacking to tension the cables and

and safety as they struggled against the Expo 2008 deadline in the northern summer.

Jesus Gonzalez says the custom-designed synchronous system was engineered to push apart and hold the two parts on the top of the arch, leaving the arch totally un-swung. This precision operation involved an electronic programmable system that synchronized three pairs of cylinders with a precision of



0,5mm between leading and trailing points of the jacks, and which tolerates a disalignment of loads of 30 t among them. The system imposes a load on the arch of slightly more than 12 000 t to permit the jacking and closing operation 36 m above the deck of the bridge, he explains.

Two phases of the bridge construction used the Enerpac Synchronous System. First, the deck of the bridge was built with



a pushing system that slid the structure on provisional pivots. This involved a system of electronic monitoring of eight lines of cylinders, of 150 t each.

The arch was constructed in the second phase, with the three pairs of cylinders involved governed by a 1600 bar pressure-transducer and a race sensor. A computer-based synchronization was carried out with specific software developed to take account of roll as the arch opened, while controlling individual loads per cylinder as well as pairs of cylinders.

The system was designed with automatic failsafe functions to automatically halt the operation and hold the load if its synchronization was interrupted.

As soon as the key-closing was completed, the cables supporting the deck returned to normal tension, imposing additional load on the cylinders, which, having performed their function, become part of the mechanical structure. The cylinders were covered with concrete and remain inside the arch.

"The work has been a challenge and a credit to everyone involved, because it is a monumental undertaking bearing the architectural signature of Juan José Arenas de Pablo, the hallmarks of Dragados design, and Enerpac's guarantee of precision and safety in its execution. The teamwork has produced a landmark bridge of extremely complicated construction in white concrete, which involves added difficulty because of its manipulation and control. Further challenges presented by the placing of transverse girders, making this one of Europe's most challenging bridge engineering tasks in recent years."

Featuring the highest arch in the world of a fluvial bridge, execution of the project was made possible in large part by the synchronized systems developed by Enerpac's

Integrated Solutions centre of Spain, says Mr Gonzalez. The lessons in control and safety are applicable on other projects worldwide, he says.

Enerpac's Synchronous Systems have been used in many major projects, including the construction of the world's highest bridge, the 343 m high Millau Viaduct, in France. Their prodigious lifting capacity and safety has been employed globally, from the construction of North Sea oil rigs to the maintenance of a 3500 t coal mine dragline at in Queensland, Australia, as well as lifting of bridges and structures during construction and maintenance. Their delicate precision was also used in lifting, weighing and manipulation system of ship hull segments in the construction of UK Royal Navy's anti-air warfare destroyers.

Available in configurations from 4 to 64

lifting points, synchronous lifting systems electronically control and monitor movement during the hydraulic raising, lowering, positioning or testing of very heavy objects such as manufacturing machinery, motors, manufactured structures, buildings, bridges, oil platforms, ships, turbines, generators, mills, mining equipment and heavy but delicate computerised/electrical equipment.

A major benefit is load balancing and removal of internal stresses. With manual control, differences arising between the lifting points are unavoidable, because measurement of the movement and control of the lifting points are never optimal. Internal stresses resulting can ultimately cause hidden damage compromising serviceability and safety. Synchronous lifting overcomes this problem.

The City of Houston Signs With ESRI

The fourth-largest city in the United States, Houston, Texas, has signed a three-year enterprise license agreement with ESRI that will provide unlimited deployments of current ESRI geographic information system (GIS) software. This agreement will streamline GIS software procurement and administration, simplify budget management, and facilitate GIS software distribution to staff throughout the organization.

Other advantages of the agreement include: improved access to GIS development tools; increased ability to create data replication processes; and enhanced data sharing.

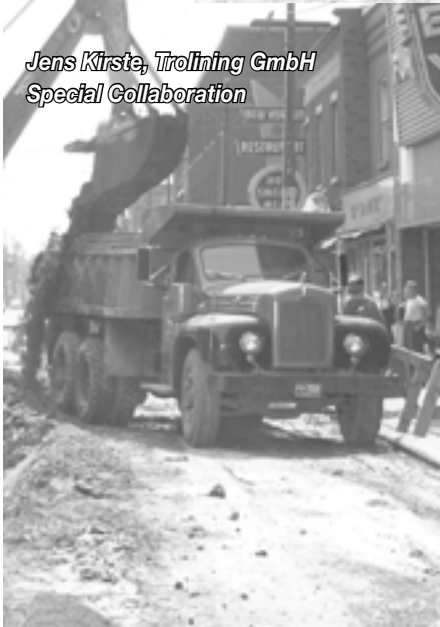
"We are delighted to support the City of Houston with this new agreement," said Christopher Thomas, ESRI's government industry solutions manager. "This ELA will eliminate time-consuming efforts to secure critical GIS software and instead will allow the city to focus on achieving its vision of an organization-wide GIS to better serve citizens and staff."

The core technology for the agreement is ESRI's ArcGIS software, which is an open and interoperable technology platform that provides spatial analysis, geographic data management, advanced visualization and cartographic capabilities, and more. ArcGIS software is a complete system to author, serve, and use geographic information. The technology gets geographic information to those who need it, including analysts, decision makers, field staff, and the public, through its support of mobile, Web, and desktop clients.

Source: ESRI

Trenchless Pipe Rehabilitation Using Trolining's GIPP Method

*Jens Kirste, Trolining GmbH
Special Collaboration*



More and more sewer network owners and operators choose the GIPP method for the rehabilitation of their conduits.

Nowadays sewer network owners and operators are faced with a huge number of different trenchless methods, materials and suppliers to seal and rehabilitate their conduits. This applies especially for cross sectional pipe dimensions up to 1000 mm interior diameter. Above that size the number of approved systems and qualified installers reduces to a comparably small amount.

Since the early '90s Trolining GmbH, Germany is an internationally recognized expert in the field of trenchless pipe rehabilitation. Its patented GIPP (Grouted-in-place pipe) method has been successfully installed

in about 20 countries around the globe. The continuously growing demand for reliable methods for the reinstatement of large sewers was a clear sign for Trolining to further increase the effectiveness of its system in that market segment. Pipes sizes between diameter 800 mm and 2000 mm interior

diameter today represent Trolining's main field of application, regardless of whether the cross-sectional pipe profile to be rehabbed is circular or a special geometry.

The Trolining trenchless pipe rehabilitation system is based on various HDPE liner components which can be combined in a wide range of alternative configurations. The heart of the system is the Troliner with its V-shaped embedment studs. The annular void created by the studs is filled with Trolining Injektor, a specially engineered injection grout. This high-strength grout fixes the Troliner permanently in place and provides the load-bearing shell of the system.

Trolining liners are available for pipes ranging from 250 mm to 2000 mm interior diameter. Segmental lining sheets are offered for rehabilitation of lines greater than 2000 mm interior diameter. and for elbows and corners in man-sized lines. The rehab system improves

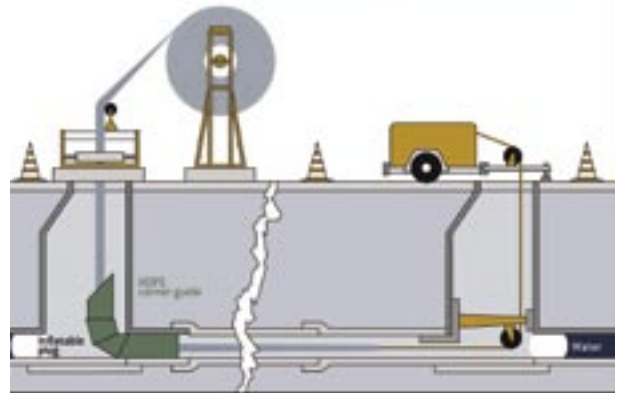


the host pipe's flow characteristics and provides exceeding mechanical and chemical resistance.

Every liner is tailor made according to the exact measurements taken on the job site. That procedure guarantees the systems "Close-fit" characteristics, thus limiting the

cross sectional reduction to an absolutely minimum. Prior to the liner insertion, the pipe section to be rehabilitated is plugged-off at

TROLINING®
Schematic diagram of liner insertion



both ends, cleaned and visually inspected. A cable winch is then used to unroll each HDPE liner from its transport drum and draw it through the line into position. After insertion, all HDPE liners are welded together at their both ends. The resulting liner "sandwich"

is then inflated with a defined pressure through passages in the temporary plugs closing the ends of the liner section.

When the required inflation pressure is attained, the annular void is filled with Trolining injection grout fed from the down stream end. The grout's extremely low viscosity ensures 100% grouting of the annular void, even for long distances.



Additional grout characteristics are a defined material expansion and an exceeding short term strength. The latter is decisive to keep the interruption time at an acceptable low level.

TurfEx Introduces Line of Commercial-Duty Feed/Fertilizer/Sand/Salt Spreader Attachments

TurfEx, a new product division of TrynEx International, introduces its line of commercial-duty spreader attachments. Designed to mount on a multitude of service vehicles, such as utility tractors, riding mowers and ATVs, the new spreaders provide consistent, even distribution of anything from seed to fertilizer. They can also spread ice melt for winter maintenance applications.

The TurfEx mountable spreader line consists of six models. They are available as either electric or PTO driven with capacities of 0,08 to 0,33m³ of material. Weather-resistant variable speed controllers are standard for most of the line (optional on the TS300). Additionally, all models utilize cable operated flow gates with the exception of the model TS300EG, which offers an electric-powered flow gate control. With a simple flip of a switch, the TS300EG's opens and closes to the desired setting. With all models, spreader performance can be controlled in three ways – via the flow gate, adjustable stainless-steel

spinner or with controller speed actuation.

TurfEx spreaders are constructed of lightweight, corrosion-resistant polyethylene. The 0,08m³ capacity spreaders come standard with a 5 cm receiver hitch and offer a spread



width up to 6 m, whereas the 0,19m³ and 0,33m³ capacity units are standard equipped with a three-point mount and can spread up to 9 m wide. Other standard equipment for all models includes clear, fitted hopper covers.

Optional equipment includes a drop mount (TS300 only), three-point mount (TS300

and TS300EG), utility mount (TS300 and TS300EG) and a trailer mount (TS300 and TS300EG).

In addition to the mountable spreaders, the new TurfEx line offers many equipment



solutions for the grounds maintenance professional, including skid-mounted spot sprayers, walk-behind spreaders, bulk material spreaders, Groom 'n' Sweep broom attachments and turf boxes for equipment and material storage.

Source: TrynEx International

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Eaton Wins CALSTART 2008 Blue Sky™ Award



Eaton Corporation announced recently it has received the CALSTART 2008 Blue Sky™ Award for innovation and advancement in sustainable transportation technology. The annual award recognizes outstanding marketplace contributions to clean air, energy efficiency and the clean transportation industry overall.

Eaton is the only manufacturer producing both hybrid electric and hybrid hydraulic systems, including the Hydraulic Launch Assist (HLA®) parallel hybrid system. This breadth of technology was a driving force behind Eaton's winning the Blue Sky™ Award and is a key advantage for customers who are able to select the system best suited to their business and market needs.

Customers using Eaton hybrid power systems in their fleets include FedEx Express, UPS, Coca-Cola Enterprises, PepsiCo and Guangzhou Yiqi Bus Company. In addition, Peterbilt, Kenworth, International and Freightliner currently offer Eaton diesel-electric hybrid drives as a production option in North America. Depending on hybrid application and driving patterns, reported fuel savings range from 30 to 60%, with similar reductions in harmful emissions and particulates.

Other Eaton technologies that help customers conserve energy and manage power include advanced lighting control systems for commercial buildings, uninterruptible electrical power systems for data centers, high-pressure hydraulics for the aerospace

industry, and fuel-efficient automotive superchargers.

CALSTART is a participant-supported organization of more than 150 firms and organizations worldwide, dedicated to expanding and supporting a high-tech transportation industry that cleans the air, creates jobs, reduces greenhouse gas emissions and improves energy efficiency. More information is available at www.calstart.org.

Source: Eaton Corporation

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Sterling Trucks' 250 000th Truck Rolls Off the Line

Sterling Truck Corporation has reached a significant milestone as its 250 000th truck – a Sterling® Set-Back 113-in BBC A-Line – rolled off the production line.

To mark the occasion, Sterling Trucks presented executives from Con-way Freight with the keys and a plaque during a special ceremony held at Sterling Trucks' manufacturing plant in St. Thomas, Ontario, on June 10.

Con-way Freight, one of the nation's leading less-than-truckload (LTL) freight transportation companies and a subsidiary of Con-way Inc., has been a Sterling Trucks customer for more than 10 years. The company currently owns more than 7200 Sterling trucks, including the Sterling Acterra®, A-Line and L-Line models.

"We wanted to use this special occasion to also say thank you to Con-way for its long-term commitment to Sterling Trucks," said Richard Saward, vice president of sales for Sterling Trucks. "We continually strive to prove to Con-way that Sterling Trucks is synonymous with designing, building and delivering trucks that are ready to work, all

day, every day."

Con-way Freight depends on Sterling to provide reliable work trucks for regional and transcontinental hauling. According to Mike Grima, director of fleet maintenance for Con-way Freight, Sterling's superior interior features, including recent enhancements to the cab, make drivers' work environments more comfortable.

Mr. Grima also notes that Sterling's commitment to product improvement helps the company achieve a lower per-unit operating cost on the life of its trucks.

"Sterling's innovative approach, continued focus on building better product and

extensive dealer network separate it from the competition," said Mr. Grima. "We look



forward to our continued relationship with Sterling and its ongoing commitment to the success of our company."

Source: Sterling Truck Corporation

Unique UniQa!

Giletta SpA has announced the introduction of the new UniQa Series of winter



maintenance spreaders.

Based on over 40 years experience in the design and manufacture of winter maintenance equipment, this new series incorporates many of the advancements accumulated in that time.

Available in both steel chain and rubber

belt models, UniQa incorporates an entirely redesigned spreader group. This spreader group includes the advanced salt distribution bowl and unique pre-wet 'curtain'. This device allows liquids to be evenly added to dry distribution materials like sand or salt.

"We could see that with conventional salt chutes and liquid jets, the dry material would not be evenly distributed on the spinner. This would also affect the correct mixing of liquids", says Guido Giletta, managing director and son of the company founder. The UniQa builds on this research to focus on the 'Business End' of the spreader and still incorporate much of the existing components customers have come to rely upon.

The maturing of the North American market and ever growing fiscal and environmental considerations have cultivated interest in precision technologies, something local manufacturers have chosen to ignore. "When



we first looked at the U.S. market, we were amazed at the lack of innovation in the industry. Unfortunately customers did not have precision application and material savings on their priority lists. Now, safer driving surfaces, liability, and salt contamination have become the focus. These priorities are well known to us and have gone into the design of the UniQa Series", observes Jan Baron, export manager for Giletta SpA.

Giletta SpA is part of the German based Bucher Group who specializes in municipal equipment manufacture and distribution. As one of the largest suppliers of these machines, Bucher provides Giletta with global infrastructure to sell and support its winter maintenance products.

Source: Giletta SpA.

New Unit From Cummins Power Generation Offers Better Fuel Efficiency and a Smaller Footprint

A new 800 kW trailer-mounted diesel generator set from Cummins Power Generation provides a cleaner, quieter and compact system configured especially for customers seeking mobile power.

"Our new 800 kW Rental Power unit features the workhorse Cummins QSK23-G7 engine that has proven itself across a wide range of applications," according to Larry Fetting, North America general manager, Cummins Power Generation Rental Business. "The 800 kW mobile generator set offers larger fuel capacity; it can run at full load 6 to 18 hours longer than other generator sets available in today's market.

"Fuel savings is on everyone's mind," he added. "This unit provides a product to address loads between 500 kW to 1000 kW in a very cost-effective manner. Some customers will pay for the unit multiple times over a year in fuel savings."

Other features of the new system include

higher fuel storage safety with a 110% fluid containment system and improved emissions, with the new 800 kW meeting Tier 2 emis-



sions requirements. A robust cooling system also allows the unit to operate in temperatures up to 50°C.

The 800 kW Rental Power unit also has a smaller footprint at a mere 9,14m long. The smaller container offers greater flexibility in moving and locating units at work sites or office buildings where space is limited. The

container is also insulated with sound attenuation to keep down noise levels.

As with all Rental Power units from Cummins Power Generation, the new 800 kW is a complete pre-integrated power system, the components of which are designed to work in harmony. All parts of the system (generator set and control) are designed and manufactured by Cummins Power Generation and factory-tested before shipping. "Our products are designed to work together and backed by Cummins Power Generation's distributor network service and support, which gives our customers peace of mind," Larry Fetting said. "Service and support is available from our 24/7 distributor service network."

Cummins Power Generation, a subsidiary of Cummins Inc., is an international supplier of Rental Power systems from 35 kW to 2 MW for prime, emergency, standby, peak shaving and distributed generation applications.

Source: Cummins Power Generation

Extec & Fintec Stage a Joint Display SteinExpo

At SteinExpo 2008, held in Nieder-Ofleiden, Germany, Extec Screens & Crushers Ltd and Fintec Crushing & Screening Ltd staged an impressive joint display and demonstration that highlighted the synergies between the product lines of the two companies, both now part of the Sandvik group.

Exhibiting at SteinExpo for the first time since both companies became part of the Sandvik group, the joint display featured eight individual machines divided into a pair of fully-functioning crushing and screening trains operating in what is Europe's largest basalt quarry.

The first of these crusher trains comprises an Extec E-7 pre-screen feeding to a Fintec 1440 track-mounted mobile impact crusher that in turn feeds an Extec S-5 screen producing three product fractions.

This crusher train will be completed by an Extec S-5, the track-mounted mobile



machine that redefined screening efficiency with a patented Doublescreen box design, and a range of innovative features that have established the unit as the foremost product

The second of the two joint displays will comprise a Fintec 640 pre-screen feeding an Extec C-12+ track-mounted mobile crusher that precedes a Fintec 542 mobile screen.

Working alongside these is a Fintec 1080 track-mounted cone operating in tertiary crushing mode, together with a second Extec S-7 screen configured to produce four precise and high quality product fractions.

Source: Extec Screens & Crushers Ltd.

FS Depot Introduces Line of Carbide Drag Shoes For Most Sweeper Makes and Models

FS Depot, the official parts distribution network for Federal Signal Corporation, has introduced the WearMax™ line of carbide drag shoes available for Elgin Sweeper machines as well as most other sweeper makes and models. Featuring mining grade tungsten carbide inserts, this new line of sweeper drag shoes is extremely durable and should last longer than most competitive drag shoes.



"Every working sweeper deserves a durable, long-wearing drag shoe, and you won't find a better drag shoe on the market than the new WearMax line from FS Depot," said John Perillo, parts product manager for Elgin Sweeper. "The WearMax drag shoes help contain debris to be picked up and allow important sweeping mechanisms to get close to the road surface without being damaged."

Backed by a three-year wear out warranty, WearMax drag shoes are machine ground to eliminate break-in period marking or streaking on road surfaces. Cost-saving replacement runners and reversible shoes are also available for many models.

"These drag shoes feature premium carbide, so they are built to outlast the standard carbide and steel shoes available. This results in more uptime and significant cost savings on parts and labor," he said.

Source: Federal Signal Corporation

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Change to Heil Front Loaders Helps Haulers Save Fuel

Heil Environmental has made additional improvements to the full line of Half/Pack® front loaders by upgrading the standard hydraulic pump offering from a gear pump to a single vane pump. Vane pumps provide a number of significant benefits, including efficiency increases of up to 20%, lower system temperatures, greater reliability, improved serviceability, overall quieter operation, and – most importantly in today's climate of rising fuel costs – reduced fuel consumption.

“Gear pumps have been standard on front loaders for decades,” explains Nate Davis, Heil product manager. “Upgrading to a single vane pump is part of Heil’s continuous improvement efforts. This new vane pump, coupled with Heil’s industry-leading 3 μ filtration system, gives our customers significant advantages over the gear pump still common on other brands of front loaders.”

Although Heil has used tandem vane pumps in its operate-at-idle system for years, the company still spent a year fully testing the new single vane pump before making it standard on the Half/Pack and Half/Pack Sierra front loaders.

The vane pump has fewer leak points, which reduces the potential of hydraulic oil leaks. It also has serviceability advantages. The vane pump’s internal cartridge can be replaced without removing the entire pump from the truck.

The Heil Half/Pack front loader offers payloads up to 712 kg/m³, a packer cycle time of 22 to 26 seconds and arm cycle times of 18 to 20 seconds. It has the largest front loader hopper in the industry (9,17 m³), to better handle large or over-filled containers. Its exclusive Service Smart™ clamp-on arms



reduce maintenance requirements and make it possible to change arms in a fraction of the time required for bolt-on or welded arms. The Half/Pack is built on Heil’s unique interlaced subframe to help the body withstand the stresses of large payloads and rough landfill terrain.

Heil’s exclusive Shur-Lock™ hydraulic tailgate lock system enables the vehicle operator to unlock the tailgate, discharge the load and then secure the tailgate, all without

leaving the security of the vehicle cab. The system, combined with a 173 cm vertical seal, reduces the chance of leakage from the tailgate while the Half/Pack front loader is on the route.

The Half/Pack® Sierra Western U.S. front loader offers all the features and benefits of the Half/Pack front loader, with 13% less weight – thus improving fuel economy even further.

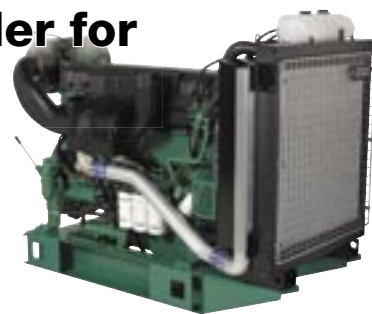
Source: Heil Environmental

New Full-Service Dealer for Volvo Penta Engines

Simson-Maxwell, distributor for Volvo Penta Industrial Engines for Ontario, Alberta and British-Columbia is proud to appoint Miller Technology Inc. as a full service dealer for the Sudbury, North Bay area of Ontario.

The level of experience and technical ability offered by Miller Technology since 1971, means that they are resolute in maintaining the high levels of professional service and technical support their customers have been accustomed to.

Source: Simson-Maxwell



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Cimeline fills a Void

Cimeline Pavement Maintenance Group's (CPMG) Open House events marked a notable opportunity this season for municipalities and contractors to gain valuable insight into this often overlooked aspect of



infrastructure maintenance.

CPMG consists of the Cimeline crack sealing product range, as well as the DuraPatcher and DuraMaxx lines of spray injection pothole patchers and accessories. Equip, a premium commercial class sealcoating equipment brand is also part of the CPMG family.

With all of this expertise it was decided to

help customers get a more practical feel for pavement maintenance practices and so two specialty events were organized.

In June, CPMG invited interested groups, individuals and government agencies to their



factory facility in the Greater Minneapolis/St. Paul area. The ability to draw customers and dealers from the central U.S., and Prairie Provinces proved popular. Attendees at this event could discuss techniques and technologies with a field of contemporaries and specialists and could view cutting edge product innovations in operation.

This also marked the 'coming out' party of CPMG's much touted METRO series melter/applicators. The METRO features a high efficiency fume reduction system and an innovative articulating boom mounted hose



to reduce operator fatigue. This was also an opportunity to tour the Cimeline plant, speak to factory personnel and see inside a leading construction equipment manufacturing facility.

So successful was the June event that a second was scheduled to coincide with the opening of Cimeline's newest distribution

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warehouse, Cimline Northeast, near Albany, New York. This proved equally popular drawing attendees from across New York state, New England, as well as Ontario and Quebec.

Featured at the August gathering were



a similar array of practical demonstrations. Customers could actually route and seal cracks as well as operate the DuraPatcher range of equipment to fill potholes and build up dirt/gravel verges and depressions.

According to Pierre Alarie of Gatineau, Quebec: "This is an excellent format to learn more about the Cimline machines. I have long

been a promoter of roadway maintenance and use both the Cimline and DuraPatchers." Jacob Germain, foreman for City of Montreal's Rosemont-La Petite-Patrie borough said: "It was well worth the trip. I was very im-



pressed, particularly with the router (PCR-25). It was so well balanced and easy to operate and the safety features are definitely superior to the machines I am accustomed to."

The Cimline Pavement Maintenance Group was formed in 2007, following the purchase of Duraco Industries and Equip by Cimline's parent company, Plymouth Industries. This

new group combines the engineering, manufacturing and product specializations of each individual branch to create a cohesive and powerful industry leader. Through innovation, and the concentration of expertise CPMG has



become the unrivalled leader in pavement maintenance technology.

Source: Cimline Pavement Maintenance Group

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IPEX and Underground Solutions Sign Exclusive Canadian Licensing Agreement

IPEX has entered into an exclusive arrangement with Underground Solutions, Inc. (UGSI) that will see IPEX become UGSI's exclusive licensee for Fusible PVC pipe systems in Canada. Under the terms of the agreement, IPEX will assume responsibility for the manufacture, sales and technical support of all Fusible PVC™ products in Canada.

Fusible PVC pipe is AWWA C900/905 pipe joined in the field using a specially developed butt-fusion process. The result is a monolithic, fully restrained PVC pipe that is perfectly suited for horizontal directional drilling and other trenchless applications. While customers were forced to use HDPE for these applications in the past, Fusible PVC pipe now allows municipalities to standardize on PVC throughout their system, as it is fully compatible with their existing inventories of pipes and fittings. More importantly, the larger inside diameters associated with Fusible PVC pipe significantly reduces energy costs for pumping as compared to HDPE.

"There is tremendous interest in Fusible PVC pipe in Canada," stated Alex Mestres, vice president of Corporate Planning for IPEX. "Municipalities see the benefit of a fully restrained, fused joint on a pipe that is completely compatible with their existing systems and procedures. Our agreement with UGSI will allow these benefits to be offered

to all municipalities across Canada. We look forward to a long partnership with UGSI."

Andy Seidel, president and CEO of UGSI,

echoed these comments: "We believe Fusible PVC pipe has a great future in Canada."



When looking for a Canadian partner it was quickly apparent that IPEX had the technical resources and customer support expertise to

Electronic Control System for Aerial Work Platform Developed by TTControl and Bluelift

TTControl, TTTech's subsidiary for off-highway solutions, cooperated with Bluelift on the design of an electronic control system for a new aerial platform model.

As the Bluelift SA 16 Compact has a maximum working height up to 16 meters, safety is a critical issue. TTControl's TTC 200 electronic control unit constitutes the technical core of the electronic system. The device controls all driving movements of the crawler trucks, the translation of the vehicle, as well as the lifting and automatic stabilization of the machine.

TTC 200 is a standard control unit that is especially suitable for managing all safety-critical functions in the machine. The TTC 200 stand-alone version fulfills safety-integrity levels (SIL) 2 requirements; two TTC 200 ECUs in a TTP network have been the first to achieve SIL 3 certification of the IEC 61508 standard. This supports Bluelift's internal safety programs and production of the machines according to the EN 280 standard. The Bluelift SA 16



Compact uses a CAN bus network with CAN pressure sensors and CAN angle sensors and joysticks.

"As our aerial platforms are up to 16 m high, we must insist on the highest safety standards for electronic control of the machine," states Gianni Marti, sales manager at Bluelift. "TTControl has significant experience in industries where safety is a stringent requirement. Its hardware fits our needs perfectly."

A 3x5 TTControl control panel is implemented in the cage of the vehicle. It is used to input commands for advanced machine functions. The development of the complete software package for TTC 200 was based on the CoDeSys programming environment. This user-friendly environment reduces field

maintenance problems, since it allows the end user to reconfigure the system without any special tools.

The electronic control system based on the TTC 200 of the Bluelift platforms offers maximum flexibility. Users can freely program the control units with CoDeSys, the C language and MATLAB/Simulink libraries. The machines also provide multiple upgrade capabilities. New functions can be implemented by changing the software. This provides enormous flexibility and considerable time savings to system developers.

Source: TTTech

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build on our initial work and make Fusible PVC pipe the standard for trenchless applications in Canada."

Mr. Mestres concluded by saying, "Fusible PVC pipe is a game-changing innovation. It has applications for trenchless installations, seismic areas and other projects requiring fully restrained joints. We are confident that the higher flows, standard fittings and higher stiffness associated with PVC pipe are a natural choice for municipal applications."

As one of the largest thermoplastic piping systems companies in the North America, IPEX has a long track record of developing innovative products for the municipal, electrical, industrial and plumbing markets across the continent.

UGSI pioneered the concept of Fusible PVC pipe and has led the development of the market for the product since 2003. As a result, Fusible PVC pipe is one of the fastest growing piping products in the world with hundreds of thousands of meters installed over the last five years.

Source: IPEX Inc.

EcoStar® Adds to Its Line of Recycled, Synthetic Roofing Products

EcoStar announces the addition of 254 mm Majestic Slate™ Traditional tiles to its extensive line of recycled, synthetic roofing products. A narrower version of EcoStar's existing 305 mm tiles, these tiles are intended to more closely replicate the look of standard slate tiles.

The new 254 mm tiles can be used individually or in conjunction with the standard 305 mm tiles to create a truly unique rooftop profile. With either application, the 254 mm Majestic Slate tiles create an aesthetically pleasing, environmentally friendly roof system that looks exactly like a real slate rooftop.

Like every EcoStar tile, the 254 mm Majestic Slate is made of post-industrial recycled rubber and plastics, and is available in nine standard colors. In addition to aesthetic appeal, Majestic Slate tiles provide supreme protection from hail, driven rain and high winds. Offering a 50 year, transferable Gold Star Warranty and available with a 177 km/h



wind warranty, Majestic Slate tiles provide strength and durability without the burden of extreme weight.

Because of their extreme flexibility, the 254 mm Majestic Slate tiles are easily installed on the rooftop with stainless steel 38 mm ring shank roofing nails by either hand drive or nail gun, providing a quicker, installation than that of traditional slate tiles.

Source: EcoStar, a division of Carlisle Construction Materials

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The Mighty Red Giants in Paradise

Just 15 months ago WOLFFKRAN, the German crane manufacturer of tower cranes, started operations in the United Arab Emirates (UAE). The joint venture between WOLFFKRAN and the Kanoo Group has proved to be immensely successful. Today WOLFFKRAN Arabia has its famous red cranes located in Dubai, Abu Dhabi and in Oman. A rental fleet of approximately 40 cranes is in operation on some of the most spectacular construction sites in the Middle East and is anticipated to increase to almost 100 by the end of this year.

Rapid progress has been made throughout the entire region, with WOLFFKRAN Arabia winning a number of prestigious projects from major contractors, to provide cranes at some truly magnificent landmarks and developments.

The Gulf region boasts some of the most exciting and innovative construction projects worldwide. The buildings average a much greater height than those in Europe or America, with architectural designs which are



luxurious, fantastic and futuristic. The region is witnessing the creation of some of the greatest icons of the 21st century. For these reasons the demand for WOLFFKRAN's red giants has increased tremendously, since they initially became available to the Arabian market.

One such icon has to be the prestigious Trump International Hotel and Tower building on Palm Jumeirah. The WOLFF tower cranes

for this development will have operational heights of nearly 300 m.

Another prominent job site is the Motor City in Dubai. At the moment four tower cranes with a jib radius from 60 to 70 m are in action. By the end of this year a further six more tower cranes will be erected.

WOLFFKRAN Arabia has four tower cranes with trolley jibs in service on the Burj Dubai site, where the world's tallest skyscraper is being constructed, indeed it is also the highest man-made structure, and has not yet finished growing. WOLFFKRAN Arabia has erected some of the highest freestanding cranes in the UAE on this particular job site – the lowest crane will climb to around 120 m – with the highest going in excess of 200 m.

On YAS Island, Abu Dhabi, a Formula one racetrack with hotel and conference center is under construction. The racetrack has to be finished for the Abu Dhabi Grand Prix next year. Six WOLFF tower cranes with a radius jib of 60 m are in use for this project.

Since last year there are two XL tower cranes with trolley jibs in service for the musical hall development in Muscat-Oman. The project is expected to be completed by August 2009.

The joint venture partnership between WOLFFKRAN and the Kanoo Group for the sale and rental of WOLFFKRAN tower cranes throughout the UAE is proving to be a winning combination. The Kanoo Group is a family run business with more than 100 years experience and is extremely well established throughout the entire Middle East. Another of the Kanoo joint venture companies is Johnson Arabia, which runs a large fleet of mobile cranes in the UAE.

Source: WOLFFKRAN AG

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Strong International Participation at APEX 2008

The sixth APEX show, that will take place from September 17 to 19 at the MECC Maastricht, the Netherlands, will have a real international flavor! More than 110 companies from 16 different countries will show their products and services. A large international



attendance coming from all parts of the world, of which more than 60% is working for a rental company or contractor, are already preregistered.

The APEX conference will feature Ken

McDougall, president of Skyjack, who will give a lecture about "OEM's role in today's expanding AWP marketplace".

Other topics include "MEWP standards: The changing directives, standards and type approvals process for MEWPs in the EU", "Machine Telematics: The benefits of remote monitoring technology for access platforms", "Hybrid Power: When will hybrid power be available on access equipment?", "Job Access: IPAF's campaign to promote careers in the access industry", and "Aftermarket Technology: Using software to reduce your fleet maintenance costs".

In addition to the APEX free conference, the annual Europlatform access rental conference will be held in Maastricht on the day before APEX. This conference is jointly organized by Access International and the International Powered Access Federation



(IPAF). The theme of the conference is 'The access rental company of the future'.

Visitors can preregister for free entrance to the APEX exhibition via the show's website at www.APEXshow.com.

More information about Euro platform and subscription for the conference can be found on www.europlatform.info.

Source: BV Industrial Promotions International



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The Newest, Most Versatile Vibrating Screen



W.S. Tyler will premiere the new TYCAN HSG T-Class Vibrating Screen at MINExpo. With this new technology in vibrating screens, screen media can be easily blended, modified, and exchanged, optimizing wear life versus open area.

The stroke and amplitude can be adapted to your product quickly and easily without new parts. Its reinforced structure promotes the longevity of the machine's components. The extreme versatility leaves this vibrating screen in a category of its own.

Source: W.S. Tyler

Timbren Making Toyota's Toughest Truck even Tougher

Whether you use your Toyota for heavy loads on highways or off-road, Timbren SES Suspension Enhancement Systems improve suspension performance. Today's trucks and SUVs are designed with soft suspensions – inadequate when more support is needed carrying heavy loads or towing a trailer. Unlike other helper springs or air springs, Timbren SES starts to work only when extra support is required, insuring stability, improved handling and comfort. Easy to install, the Timbren SES provides exceptional maintenance-free and trouble-free performance of your vehicle.

Source: Timbren



Appointments

Doosan Infracore America announces the appointment of **Gordon Plotkin** as Canadian district sales manager. In his new role, he will be responsible for instituting a high-performance, growth-oriented sales and support services program that promotes equipment sales and the Doosan brand throughout Canada.

Mr. Plotkin has over 20 years in commercial and industrial sales, the majority of it with construction equipment, most recently with Takeuchi Manufacturing as regional business manager for Eastern Canada and Northeast United States. His professional experience includes dealer development, market analysis, strategic planning, sales training and even working with rental services.

"Our Canadian presence is getting stronger and stronger over time," said Chris Neville, general manager of sales for Doosan Infracore America Construction Equipment. "With Gordon on our team we'll be able to maintain our momentum and create inroads with even more dealers and customers. Gordon, like the rest of our sales team, is committed to ensuring that every customer enjoys the complete life-cycle support that Doosan customers expect and deserve."

Source: Doosan Infracore America

IronPlanet® recently appointed **Michael J. O'Donnell** to the position of senior vice president and chief financial officer. Mr. O'Donnell will be responsible for the company's overall financial management and for developing the infrastructure to support the continued growth of IronPlanet's business.

Mr. O'Donnell brings more than 25 years of financial and business management experience to IronPlanet. Previously, he served as chief financial officer and chief operating officer for Procuri Inc., a leading on-demand supply management software company. He also held the position of managing director with Price Waterhouse Corporate Finance and SunTrust Capital Markets, where he led the merger and acquisition advisory group.

Source: IronPlanet

Carlisle Coatings & Waterproofing, Inc. (CCW) is pleased to welcome **Michael Dustan Hesse** as the new CCW product specialist for Spray-Applied Membranes.

In this position, Mr. Hesse is responsible for promoting CCW's line of spray-applied membranes. He will also be responsible for providing training and support to contractors who invest in becoming CCW-approved applicators of these premium systems. He will spend much of his time performing hands-on product presentations to show contractors the features and benefits of CCW's unique spray-applied membranes for waterproofing and air barrier applications.

Source: Carlisle Coatings & Waterproofing, Inc.



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- Canadian Patent #2 415 330



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Agenda

SIVIC 2008

September 9 - 11, 2008
Saint-Jean-sur-Richelieu, QC Canada

inter airport India

September 11 - 13, 2008
New Delhi, India

4° DEMOMAT

September 12 - 14, 2008
Mons, Belgium

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

SC&RA Crane & Rigging Workshop

September 18 - 20, 2008
Toronto, ON Canada

MINExpo® 2008

September 22 - 24, 2008
Las Vegas, NV USA

INTERROUTE&VILLE 2008

September 23 - 25, 2008
Rennes, France

Mobility and Road Safety Conference - International Road Federation

October 3 - 4, 2008
New Delhi, India

Sim Congress (Société de l'industrie minière)

October 14 - 17, 2008
Limoges, France

2008 IRF Seminar on Contract Maintenance and Innovative Finance

October 19 - 29, 2008
Orlando, FL USA

Garden & Florist Expo 2008

October 21 - 22, 2008
Toronto, ON Canada

ICRI 2008 Fall Convention - International Concrete Repair Institute

October 29 - 31, 2008
St. Louis, MO USA

CamExpo 2008

November 7 - 9, 2008
Quebec City, QC Canada

2nd International IRF Conference on Roads and the Environment

November 10 - 11, 2008
Geneva, Switzerland

Congrès INFRA 2008

November 17 - 19, 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

WasteTech 2009 6th International Trade Fair on Waste Management, Recycling and Environmental Technology

June 2 - 5, 2009
Moscow, Russia

Bauma 2010

April 19 - 25, 2010
Munich, Germany





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