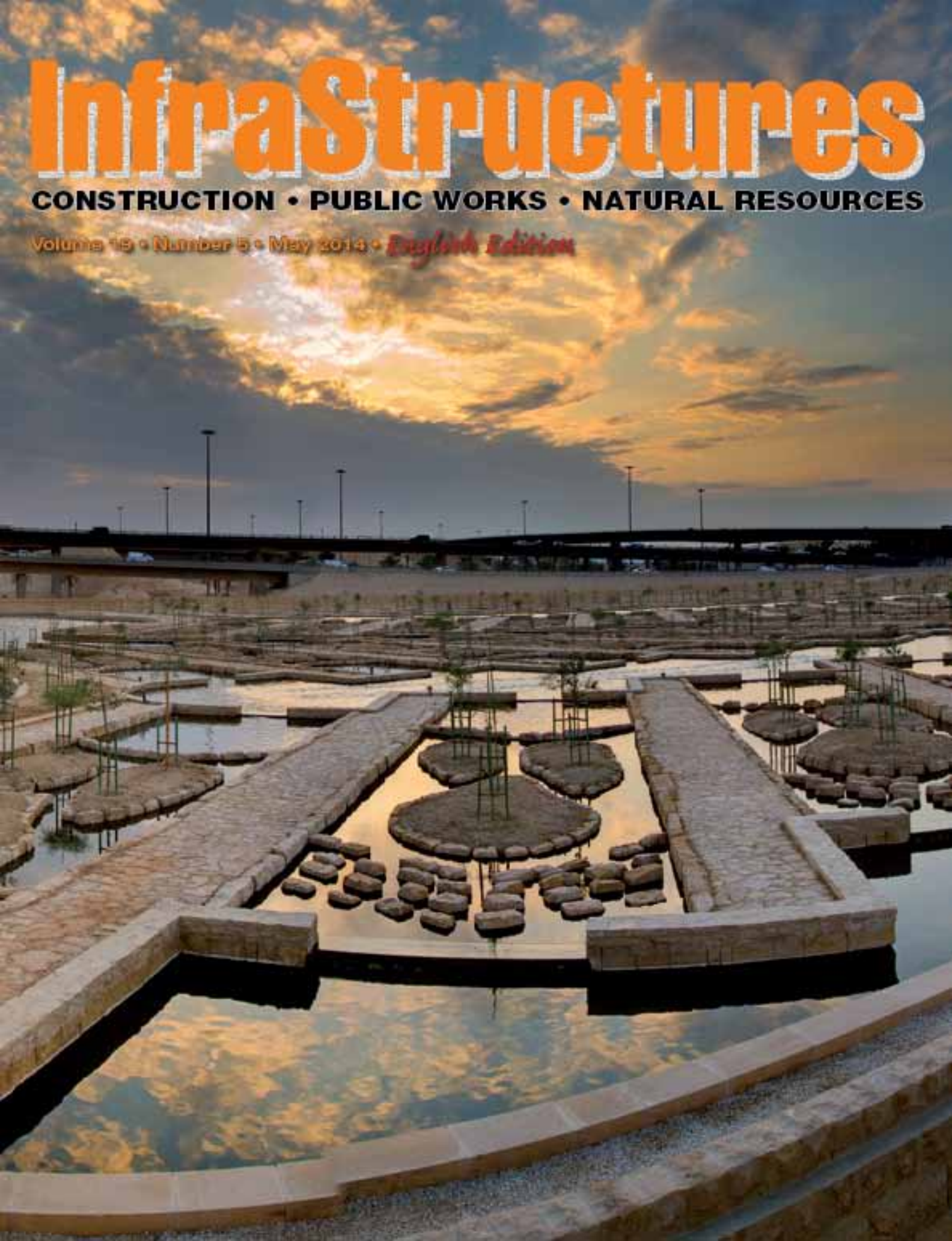


InfraStructures

CONSTRUCTION • PUBLIC WORKS • NATURAL RESOURCES

Volume 19 • Number 5 • May 2014 • *English Edition*



Put the Larue advantage **to work for you**

LARUE

The Professionals Choice
For Specialized Equipment



High capacity LARUE D60 detachable loader-mounted, 275 to 400 HP, telescopic loading chute.



NEW!
LARUE D35 Cummins QSB 3.3 110 HP, 4100 lbs weight, available in 65", 88" and 98" width.



LARUE T85 dual engines: carrier 300 to 475 HP, blower head 665 to 1200 HP, 5,000 to 10,000 tons/hour capacity, all wheel drive, available with the Larue A.R.S. (automatic rear steering).



LARUE T70 single engine, 550 HP, hydrostatic drive, 4,000 tons/hour capacity, available with the Larue A.R.S. (automatic rear steering).



Available with the Legend® Electric Screed System
LeeBoy 8515B increase productivity and reduce operating costs with LeeBoy's 8515B Conveyor Asphalt Paver. The 8515B incorporates big paver features into a heavy-duty, maneuverable package designed for production and reliability.



LeeBoy 8816B 25,000 lbs class 8' to 16' paver, Cummins 130 HP engine, Legend® screed system with 10% slope on extensions, variable speed 14" cast segmented augers, patented under auger cut-offs.

Manufacturer of **LARUE**
Heavy Duty Snowblowers

Distributor of **LeeBoy** products
for the province of Quebec and the Maritimes

Distributor of **DYNAPAC** products
for the province of Quebec

LARUE

1-877-658-3013

QUEBEC CITY HEAD OFFICE
660 Laval Street, Quebec City

LAVAL
2401 Michelin Street, Laval

MONCTON
485 Venture Drive, Moncton

SALES • SERVICE • RENTALS • FINANCING AVAILABLE



Rosco Maximizer II automatic in-cab controls, EZ Spray extendible spraybar, tapered and radius spraying, ENVIRONMENT-FLUSH clean-out system, straight-line start and stop, 8'-20' spraybar available, 400 GPM Viking asphalt pump.



LeeBoy 685B Grader 47 HP Kubota Tier 3 diesel engine, 7,850 lbs operating weight, 2 speed hydrostatic tandem drive, 8' sliding moldboard, center-mounted scarifier, optional enclosed cab, tilt console.

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

**Volume 19 Number 5
May 2014**

PUBLISHER

Jean-François Villard
editor@infrastructures.com

CONTRIBUTING EDITORS

Rob Holden
Paul Vanderzon
toronto@infrastructures.com

ADVERTISING SALES

Linda Allison
Mario Robichaud
sales@infrastructures.com

TELEPHONE

514-233-1295
613-862-1295
416-795-1295

FAX: 514-528-9932

ADDRESS CHANGES

Send us your address changes by E-Mail to:
subscriptions@infrastructures.com

MAILING ADDRESS

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

INTERNET

www.infrastructures.com



@InfraMag_Canada



/infrastructures



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

The cost of a subscription for either edition for one year is \$50 for Canadian residents and US\$75 or €75 for U.S. and overseas.

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

LEGAL DEPOSIT

Bibliothèque Nationale du Québec

DISTRIBUTED BY CANADA POST

Publications Mail Agreement #40052183

A Brief Word...

Well, at least the temperature is above zero (mostly) and the frost is out of the ground (mostly) so much anticipated work has begun.

With the conditions we have discussed previously, equipment life cycles are likely to increase and new equipment issues will be more emotionally charged. So, have you considered the state of "Customer Service" these days?

Much is being made of the term "Customer Service" by marketing people in almost any industry you can think of. Banks, utilities, automotive, insurance, as well as our own. Juxtaposed to this is a general agreement throughout the population that for all the talk "Customer Service" is an urban myth!

I am seeing a trend which is disturbing, more visible in small to mid-sized makers than the "Big Boys".

"Customer Service" is being manipulated as a function of order taking rather than problem solving. I lay the blame for this squarely on the shoulders of the accountants who have moved from improving a firm's efficiency to penny pinching. The result has been to cut spending where there is no obvious balance sheet relationship between revenue generation and expense. In the corporate climate of share price-based remuneration this has created a lethal mentality which shows little sign of waning.

You well know when you have an issue in the middle of a job, time can be critical. However, as with your own business you know things can take time to inform and resolve. The problem arises when your plea for assistance falls on well disguised deaf ears.

Perhaps the answer is a customer or owner charter of rights which our various industry associations could lobby to get adopted.

Something to think about when you feel your blood pressure rising.

OptiFant 8000 / CityFant 60



**BUCHER
schörling**

SALES & RENTALS
Vacuum type street sweepers
Different models from 1 m³ to 10 m³
USED SWEEPERS IN STOCK



Accessories Machinery Limited
www.aml.com

1-800-461-1079

On the cover:

the Wadi Hanifa (or Hanifa valley) in Saudi Arabia, has been restored and developed as an environmental, and recreational resource. It provides water treatment while creating a one-of-a-kind natural facility and open-space public attraction. The project won the 2010 Aga Khan Award for Architecture.

ATLANTIC HEAVY EQUIPMENT SHOW A GREAT SUCCESS DESPITE WEATHER

Despite several days of relentless snow, ice and rain making show preparations quite challenging, the 2014 edition of the Atlantic Heavy Equipment Show went full steam ahead April 3-4, at the Moncton Coliseum.

This marked the 15th edition of the show and it was bigger than ever, filling the entire Coliseum Complex, plus 7,400 m²

of outdoor exhibit space. All the major players in the heavy equipment, road building, forestry, and logging sectors from across Atlantic Canada and beyond were represented.

"Visitors were a bit apprehensive to venture out after the storm," said National show manager Mark Cusack, "but the numbers were steady throughout Thursday, and Friday ended up being a banner day. The crowds began early and the line-ups

were continuous until late in the day."

Mr. Cusack reported that Friday's turnout was the single largest one-day tally in the history of the show. Total attendance over the two days of the Atlantic Heavy Equipment Show came in at 13,877.

New features for the 2014 edition of this biennial show included the Innovative Product Showcase, allowing show visitors to get a sneak peek of the many exciting products exhibitors would be bringing to the show, as well as a new "Recruiting Here" feature that had exhibitors looking to hire skilled workers display signage at the show. This feature was sponsored by Maizis & Miller, Recruitment Specialists.

Exhibitors reported sales and solid leads coming out of this year's show, and many have already rebooked for the 2016 edition. Look forward to the Pacific Heavy Equipment Show and TRUXPO, taking place September 19-20, 2014 in Abbotsford, British Columbia, as well as the National Heavy Equipment Show taking place in 2015 in Mississauga, Ontario.

Source: Master Promotions Ltd.

APPLICATIONS FROM EXHIBITORS NOW IN BAUMA CHINA AGAIN ATTRACTS STRONG INTEREST

Although the pace of growth on the Chinese market is slower than previous years, the International Monetary Fund (IMF) is still predicting GDP there to expand by 7.3% in 2014. This positive picture is not without impact on the situation as regards applications to exhibit at bauma China, which takes place from November 25 to 28, 2014 in Shanghai.

On the basis of the applications received by the official deadline of the end of February, it is clear that the 7th edition of this International Trade Fair for Construction Machinery, Building Material Machines, Construction Vehicles and Equipment will again be taking up all the available space at the Shanghai New International Centre (SNIEC) – i.e. 200,000 m² of indoor and 100,000 m² of outdoor exhibition space.

The figures are impressive: Almost 2,200 exhibitors have so far signed up to take part. That is a good 200 more than at the same point in preparations ahead of the last event. Collin Davis, Exhibition Group director at Messe München, is pleased: "We have had a very good response from the companies. The high number of exhibitors registered at this early stage is clear



**MANUFACTURER
SNOW REMOVAL
EQUIPMENT
& ATTACHMENTS FOR
HEAVY MACHINERY**

INTERNET :
www.edf ltd.com

E-MAIL :
info@edf ltd.com

**BUCKETS
FOR LOADERS
& EXCAVATORS**

**QUICK-ATTACH
FOR LOADERS
& EXCAVATORS**

**MATERIAL HANDLING
FORKS
FOR LOADERS**

EDF 1-888-649-3331
(514) 866-6859
(450) 649-9461
Fax: (450) 649-1874

1735 Lavoisier St., Sainte-Julie, Qc J3E 1Y6

CALL US
TOLL FREE! **1-888-649-EDF-1**

indication of how important bauma China is for the Asian construction machinery market."

Also very satisfying, alongside the high level of applications, is the continuing strong interest from countries around the world. In total there will be 9 country pavilions at bauma China 2014: from Austria, Finland, Germany, Great Britain, Italy, Korea, Spain, Turkey and the United States.

Source: Messe München International

MORE SPACE UNDER CONSIDERATION FOR SOLD-OUT IRE

Additional exhibition space has been considered for the 3rd International Rental Exhibition (IRE), following the sale of the initial allocation for the Amsterdam exhibition. Among the major international manufacturers that have already confirmed their participation are Hitachi, JCB, Kubota, Terex, Volvo, Wacker Neuson and Yanmar Construction Equipment.

IRE 2014 takes place at the RAI Exhibition Centre in Amsterdam from June 24-26, and other participants include Hilti, Himinsa, Husqvarna, Kaeser, Pullman, Thermobile, Thwaites and Towerlight. There is a waiting list of more manufacturers interested in exhibiting at the event, which can be accommodated if there is clear commitment from the industry.

IRE will again have the support of the European Rental Association (ERA), which will be holding its annual convention during the exhibition. The prestigious European Rental Awards dinner will also take place during IRE, making the exhibition a truly world class event.

IRE will also benefit by being held concurrently with the very successful APEX powered access exhibition, which is also sold out. Visitors to each show will have access to the adjoining exhibition, providing visitors with a "one stop shop" for all types of rental equipment. IRE exhibitors will benefit from increased traffic from rental-oriented APEX visitors and vice versa.

Source: International Rental Exhibition

AIRBUS HELICOPTERS INCREASES ITS COMMITMENT TO ONTARIO MANUFACTURING

Airbus Helicopters Canada (formerly called Eurocopter Canada) announced recently that it will be adding a new production line at its Fort Erie, Ontario, helicopter

production facility, creating approximately 40 new high-skill manufacturing jobs.

Following a global competitive process, the new production work has been awarded to Airbus Helicopters Canada by its parent company, Airbus Helicopters, based in Marignane, France. The Canadian facility will be making engine cowlings for the EC225. The EC225 is an aircraft sold in markets around the world and is known as the "workhorse" of the oil & gas industry,

where it is used to transport workers to offshore drilling rigs.

"With this multimillion investment – Airbus Helicopters is demonstrating its confidence in and commitment to Ontario and Canada," said Romain Trapp, CEO of Airbus Helicopters Canada.

The Fort Erie facility is recognized as a center of excellence for composite component manufacturing within Airbus Helicopters thanks to the expertise of its team and



The poster for the AORS Municipal Trade Show 2014 features a green background with a large white oval in the center containing a photograph of a red snowplow clearing a road. The text 'AORS' is prominently displayed in white, with 'ASSOCIATION OF ONTARIO ROAD SUPERVISORS' in smaller white text below it. The title 'MUNICIPAL TRADE SHOW' is in large, bold, white letters. To the right of the oval, the dates 'June 4 & 5, 2014' and the location 'Arnprior, Ontario in the beautiful Ottawa Valley' are written in white. At the top left is the AORS logo, and at the top right is a red starburst graphic with '25th Anniversary' inside. Below the oval, the text 'EXHIBITORS – Reserve your booths today! Call 1-519-461-1271' is in white. Further down, a paragraph describes the trade show as an opportunity for public/private sector public works employees to share information and technical developments in materials, services and equipment required to build and maintain municipal roads and core infrastructure projects. It mentions that hundreds of suppliers of municipal equipment and services will be on hand, displaying their products in one area and developing new business relationships. At the bottom right, there are three circular logos: the top one is for the '25th Anniversary', the middle one is for 'Arnprior', and the bottom one is for 'Ontario'. The website 'www.aors.on.ca' is printed in white at the bottom center.

AORS
ASSOCIATION OF ONTARIO ROAD SUPERVISORS
MUNICIPAL TRADE SHOW

June 4 & 5, 2014
Arnprior, Ontario
in the beautiful
Ottawa Valley

EXHIBITORS – Reserve your booths today!
Call 1-519-461-1271

This two day Trade Show provides an opportunity for public/private sector public works employees to share information and technical developments in materials, services and equipment required to build and maintain municipal roads and core infrastructure projects. Hundreds of suppliers of municipal equipment and services will be on hand, displaying their products in one area and developing new business relationships.

www.aors.on.ca

its competitive manufacturing capabilities. It produces several composite components for a variety of Airbus Helicopters' leading aircraft models which are sold internationally in more than 100 markets.

Airbus Helicopters Canada is a subsidiary of Airbus Helicopters and a leading supplier of helicopters in Canada. Their helicopters are used across the country in key parapublic and civil roles which include: law enforcement, emergency medical

services, oil & gas, mining, firefighting, hydroelectric utilities, environmental surveys, tour and corporate transport. Airbus Helicopters was established in Fort Erie, Ontario, in 1984 and has additional operations in Richmond, British Columbia, and Montreal, Quebec, as well as a support and customer service network in place to support a fleet of over 670 helicopters in the country.

Source: Airbus Helicopters Canada

OVER 6,000 COMPETITION ENTRIES HIGHLIGHT GLOBAL IMPORTANCE OF SUSTAINABLE CONSTRUCTION

The 4th cycle of the International Holcim Awards competition attracted more than 6,000 projects and visions in sustainable construction from 152 countries. The diverse geographic spread of entries and growth in submissions from developing countries confirms the importance of creating a more sustainable built environment. Entries will be screened for compliance before evaluation by independent juries in 5 regions of the world. The results will be announced at prize-handover events in the last quarter of this year.

The Holcim Awards recognizes innovative projects and future-oriented concepts, and is conducted in parallel across 5 regions. The broad range of submissions includes Main category projects at an advanced stage of design and "Next Generation" visions and ideas in architecture, building and civil engineering, landscape, urban design and infrastructure, as well as materials, products and construction technologies.

The 6,103 entries registered within the competition period reflect the growing importance of sustainable construction in emerging markets as well as a high awareness of this critical topic among young professionals and university students. Compared to previous cycles, the largest increase in participation was registered in Africa Middle East and the highest volume of entries came from Asia Pacific. The growing number of submissions in the "Next Generation" category for the first time balances the distribution of entries between the two competition categories.

All fully-completed entries will now undergo a formal check. Valid entries will then be presented to an independent jury panel in the region where the project is located. The Holcim Awards juries consist of internationally-renowned representatives from science, business and society. A list of members of each jury is available at: www.holcimawards.org/juries.

The Main Author of each project nominated for a prize will be contacted after the jury meetings as part of the validation process. The results of the regional Holcim Awards will be announced at prize-handover events and communicated on September 5 for Europe, September 19 for North America, October 3 for Latin

**EXCLUSIVE EVENT
BRING ON THE SPRING SALE**



When purchasing
selected equipment*,
receive a credit for up to
\$15,000*
to use towards the purchase of an extended warranty,
additional options, accessories, parts or service.



GREEN TECH
MEMBERS OF JLD LAGUÉ GROUP



JOHN DEERE



This offer is valid until June 30th 2014
Contact your sale representative to find out how
you can take advantage of this offer right now!

*Offer valid until June 30th 2014. Applicable on selected inventory in limited quantities. Product pictures are for illustration purposes only. Some conditions apply, please contact your Green Tech sale representative for full details.

**14 STORES
TO SERVE
YOU!**

QUÉBEC	Ange-Gardien • Coaticook • Laval • Mirabel • Pile-River • Sherbrooke Ste-Agathe • St-Anadot • St-Hyacinthe • St-Pascal • Varennes
ONTARIO	Carp • St-Johns • Winchester

1 855 465-2483
www.greentech.ca



In the Middle of Nowhere, Or in the Middle of Everything.

Astec can configure a plant to fit your site, whether that site is in the middle of nowhere or in the middle of a major metropolitan area.

And every Astec plant, no matter where it is located, is also backed by the Astec Service and Parts departments available 24/7 anywhere.

Astec is the right choice.



Only Astec has the patented Double Barrel Green® System.

ASTEC, INC. an Astec Industries Company

4101 JEROME AVENUE • CHATTANOOGA, TN 37407 USA • 423.867.4210 • FAX 423.867.4636 • astecinc.com



America, October 17 for Africa Middle East, and November 14 for Asia Pacific.

The initiatives of the Holcim Foundation are supported by Holcim Ltd, a global leader in the manufacture and distribution of cement and aggregates as well as other activities, including ready-mix concrete, asphalt, and associated services.

Source: Holcim Foundation for Sustainable Construction

INNOCON INC. ACQUIRES NATIONAL EAST READY MIX CORPORATION, BOLTON READY MIX CORPORATION

Innocon Inc. recently announced it has completed the acquisition of National East Ready Mix Corporation. The acquisition also includes the Bolton Ready Mix Corporation, a wholly-owned subsidiary of National. The move is designed to strengthen Innocon's ready mix concrete business in the Greater Toronto Area.

Under the terms of the agreement, Innocon has acquired 3 ready mix concrete plants as well as 45 ready mix trucks.

"We're delighted to welcome the 45 employees from National and Bolton Ready Mix into the Innocon family, who will continue to serve as plant, administrative, and sales professionals and allow us to continue delivering value at every turn," said Wayne London, president, Innocon Inc. "National and Bolton Ready Mix have a proud history of quality and service to customers, and a strong commitment to the local community."

The newly acquired ready mix concrete operations will continue operating as separate brands within Innocon. This brand will have separate leadership, and will operate under the National and Bolton Ready Mix names.

"We're fully committed to maintaining the National and Bolton Ready Mix brands

in the marketplace and operating to the same high standards that they've always had," added Mr. London.

The newly acquired National and Bolton Ready Mix plants are located across the Greater Toronto Area, and will continue serving its traditional customer base and geography which includes Stouffville, Markham, Richmond Hill, Aurora, Scarborough, Vaughan, Brampton and Bolton.

National and Bolton Ready Mix will continue to focus on the markets and projects they have traditionally supplied. "Our customers and suppliers in these communities will see no change in the way they conduct their business," said Wayne London.

Source: Innocon Inc.

SIEMENS CANADA AWARDED FIRST WIND TURBINE ORDER IN SASKATCHEWAN

Siemens Canada has further expanded its wind power footprint into the Province of Saskatchewan in partnership with Algonquin Power & Utilities Corp. to supply, deliver and commission 10 direct drive SWT-2.3-113 wind turbines for the Morse Project. Construction of the wind farm is expected to begin in summer 2014, with commercial operation expected by early next year. The deal includes a 10-year service and maintenance agreement, ensuring the reliability, availability and performance of the turbines.

The 23-MW project will be located in southern Saskatchewan near Morse, 60 km from Swift Current. This is Siemens' first wind turbine installation in Saskatchewan and will provide renewable energy to over 8,000 Saskatchewan households. The Morse project represents an addition of over 10% total wind power generation capacity in the province, whose wind resource presents further wind development potential.

Siemens direct drive wind turbines feature only half of the parts required for a conventional geared wind turbine and a significantly smaller number of moving parts. The efficiency increases due to minimum losses in drive train and generator. The proven technology of the SWT-2.3-113 benefits from the experiences of 250 gearless Siemens wind turbines in operation. With its simplified lightweight design it is a secure and profitable investment.

Canada is now the 9th largest producer of wind energy in the world with current

Hercules Machinery Brings Renowned HPM Drilling Equipment to North America

Hercules Machinery Corporation (HMC), a manufacturer and supplier of foundation equipment, is now partnering with HPM, Srl as the exclusive dealer for HPM foundation drills in North America, Central America and the Caribbean.

HPM, which manufactures drill mast assemblies that are mounted exclusively on Caterpillar chassis, is owned by preeminent drill designer Giuseppe Cartechini, whose designs can be found all over the world. Built with high-strength materials, HPM foundation drills provide excellent stability without the need for a large base, providing high performance and value.

"I design every drill to be as safe, efficient and reliable as possible with exceptional visibility and straightforward controls for smooth, precise operation and excellent maneuverability," said Mr. Cartechini.

Hercules Machinery Corporation imports the mast assemblies from Italy and purchases the Caterpillar chassis from Caterpillar OEM solutions, which means all assembly takes place in the United States. HMC now has HPM200 and HPM250 units in stock and ready for rent or sale at its locations in Fort Wayne, Indiana, and Rocklin, California.

"This is truly an exciting time at Hercules as we partner with one of, if not the, greatest drill designers of all time, Giuseppe Cartechini, and HPM," said Justin Reed, vice president of Hercules Machinery Corporation. "With this partnership, we can now offer our customers foundation drills that are unsurpassed in strength and quality, all at a competitive price."

Established in Fort Wayne in 1964, HMC manufactures, wholesales and leases foundation construction equipment such as pile-driving hammers and deep foundation-related machinery. Additionally, HMC offers custom contract engineering, prototyping and CNC services for its customer base. HMC has recently expanded its product mix in order to serve the alternative energy construction segment. HMC is realizing tremendous success with its Sonic SideGrip® vibratory pile driver – a piece of equipment that is revolutionizing the way contractors drive steel sheet pile, H-beam and pipe pile.

Source: Hercules Machinery Corporation

REIGN SUPREME



800.348.1890

 HMC-US.COM

STR

Be the most versatile player on the worksite with the new Self-Contained Track Rig (STR). While other machines in its class can perform only one function without the ability to switch tools, the STR tops them all by easily converting from the Impact driver to the Vibro driver to the drill tool when installing small piles for solar or other applications. One machine with the flexibility of three tools right at your fingertips makes you the MVP of any worksite.

Discover how the STR can transform your business. Call us today to find out how you can pre-order an STR.



Hercules Machinery Corporation
Manufacturer and Supplier of Foundation Equipment

installed capacity of over 7,800 MW.

For more than 100 years the innovative ideas from Siemens have helped make Canada a better place. From the Atlantic to Pacific oceans, more than 4,500 employees in Canada work together to provide answers that last in the fields of industry, energy, healthcare and infrastructure solutions for cities. Since it was federally chartered in 1912, Siemens has stood for technical achievements, innovation, quality and reliability.

Algonquin Power & Utilities owns and operates a diversified \$3.5 billion portfolio of regulated and non-regulated utilities in North America. The regulated utility business provides water, electricity and natural gas utility services to over 470,000

customers through a portfolio of regulated generation, transmission and distribution utility systems. The non-regulated electric generation subsidiary owns or has interests in renewable energy and thermal energy facilities representing more than 1,100 MW of installed capacity. Algonquin Power & Utilities delivers continuing growth through an expanding pipeline of renewable power and clean energy projects, organic growth within its regulated utilities and the pursuit of accretive acquisition opportunities.

Source: Siemens Canada Limited

SNC-LAVALIN ENTERS INTO AGREEMENT TO SELL ITS EQUITY STAKE IN ALTALINK

SNC-Lavalin is pleased to announce

it has entered into a binding agreement to sell 100% of its interest in AltaLink, Alberta's largest regulated electricity transmission company, to Berkshire Hathaway Energy. Based on the terms of the agreement and assuming a December 31, 2014 closing date, gross proceeds to SNC-Lavalin from the sale will be approximately \$3.2 billion.

The sale of AltaLink represents another significant step in the execution of the Company's Strategic Plan. Announced in May 2013, SNC-Lavalin's Strategic Plan involves actively managing its portfolio of infrastructure concession investments to unlock and create value that supports its future growth as a Tier-1 services provider in key engineering and construction (E&C) markets, among other objectives. The Company is currently targeting accelerated development in its Resources (Oil & Gas, Mining & Metallurgy and Environment & Water), Infrastructure and Power E&C businesses, with a geographic emphasis on North America, South America and the Middle East.

SNC-Lavalin and MidAmerican Transmission, a subsidiary of Berkshire Hathaway Energy, have also mutually agreed to develop engineering, procurement and construction opportunities in the United States and Canada within independent system operators and regional transmission organizations. Through the agreement, the parties will look to emerging transmission investment opportunities in these countries. The agreement combines the engineering and construction management strengths of SNC-Lavalin with the strong track record of MidAmerican Transmission on joint transmission projects with other entities.

Completion of the sale is subject to customary regulatory approvals, including approval by the Alberta Utilities Commission and approvals pursuant to the Competition Act and Investment Canada Act.

Source: SNC-Lavalin Group Inc.

Breaker Technology's MINE RUNNER Personnel Carrier

Breaker Technology's (BTI) Mine Runner All Purpose Vehicle is a modern day solution for a future focused mining operation, aimed at safety, lower emissions, and increased productivity. Not to be confused with a customized road vehicle or generic people carrier, the Mine Runner has hydraulic wheel drive (HWD) motors, providing greater power, and extended maintenance and duty cycles.

Engineered from the ground up to be a leader in personnel safety and operational flexibility. Standard on the Mine Runner is a rigorously tested and independently certified ROPS/FOPS operator cabin.

"The ever increasing payload requirements and tramming distances have exceeded the capabilities of the typical repurposed highway 4x4 style truck.

Unlike many over the road type vehicles being modified for use underground, the Mine Runner is purpose designed and built for the underground environment," say Andy Jackson, BTI Engineering Project Leader, Mobile Equipment Systems.

Both the primary braking (service brakes) and the secondary braking (emergency brakes) have been designed and tested to meet and exceed the CSA Braking Standard and Performance for Underground Mining Machines. CAN/CSA - M424.3-M90.

Powered by BTI's innovative HWD fluid controlled powertrain, the Mine Runner is capable of easy customization to a optional configurations without hindering performance or longevity of components.

BTI is a manufacturer of quarry, construction and mining equipment specializing in rockbreaker systems, hydraulic breakers, demolition attachments and a full line of rugged, low profile mining vehicles. Well-recognized as a leader in global mining and quarry markets, BTI offers unparalleled experience and product support.

Source: Breaker Technology



SAFETY, A TOP PRIORITY AS APRIL MARKS THE BEGINNING OF THE DIGGING SEASON

National Safe Digging month came to an end, but the long outdoor construction season is well underway right across the country and the Canadian Gas Association is reminding Canadians to always "call or click before you dig" and to use safe digging practices when doing excavation



MAN UP.



800.348.1890



HMC-US.COM

**SONIC
SIDE-GRIP®**

Be your own man with the Sonic SideGrip®. Don't stand by waiting on other contractors. Work your own schedule. Drive toward higher profits. The Sonic SideGrip® puts it all within your reach. With two unique side-gripping jaws and one bottom jaw, the Sonic SideGrip® vibratory pile driver has unmatched dexterity for handling, driving or extracting just about any style of piling. Choose from a range of models with 40 to 100 tons drive force for 18 to 55 ton excavators. Grab the future and drive your success.

HMC

Hercules Machinery Corporation
Manufacturer and Supplier of Foundation Equipment

projects.

Every day new digging projects happen without the knowledge of where underground infrastructure like natural gas service lines, oil pipelines, electricity wires, and telecommunications wires are located. Excavating without first knowing the location of buried infrastructure or not digging safely is the leading cause of damage to underground infrastructure.

"The purpose of National Safe Digging Month is to remind Canadians about the importance of locating underground

infrastructure before starting any project where the ground is going to be disturbed and to always use safe digging practices," said Timothy M. Egan, president and CEO of the Canadian Gas Association.

Contractors and homeowners alike who follow safe digging practices can avoid project delays, disruption of essential services, property damage, and serious injury. To begin the process of knowing what is below excavation sites visit www.clickbeforeyoudig.com.

"Whether it is new construction,

roadwork, or homeowners planning backyard projects, all excavation and digging projects need to be done safely," said Mr. Egan. "The natural gas distribution industry is a long-time champion and driver of damage prevention and safety initiatives."

CGA is the voice of Canada's natural gas distribution industry and its members are distribution companies, transmission companies, equipment manufacturers and other service providers. Natural gas has a central place in Canada's energy mix meeting 30% of the country's energy needs. Today over 6.4 million customers representing well over half the Canadian population rely on natural gas for heat and power in homes, apartments, buildings, businesses, hospitals and schools.

Source: Canadian Gas Association

CINTAS CANADA UNVEILS A COMPLETE LINE OF VISIBILITY WORKWEAR

To promote worker safety and reduce accidents associated with low-light or busy, fast-moving environments, Cintas Canada, Ltd. recently introduced its new visibility workwear rental program. Designed for workers in warehouses, construction, transportation and building materials industries, the program offers high and enhanced visibility shirts, pants and coveralls.

Under provincial Occupational Health & Safety legislation, employers have a duty to keep employees safe. As a result, more companies are adopting visibility programs if workers are in an environment that requires additional visibility.

Cintas also has a complete line of direct sale apparel in both enhanced and high visibility that complements this new addition to the rental apparel product line.

Cintas' high-visibility garments are available in orange with retro-reflective striping and are ideal for individuals working in transportation or construction zones. The orange garments also comply with the CSA-Z96 standard.

Cintas' enhanced-visibility garments are available in navy with striping and provide great protection for workers in warehouses or distribution centers. The polyester/cotton shirt and pant utilizes Cintas' exclusive "Comfort Touch" fabric that combines a superior fabric and the safety of a reflective garment.

Source: Cintas Canada Ltd.

VBL ValleyBlades LIMITED

Innovative high performance self-sharpening teeth, ready for immediate delivery



The easy to use part numbering system simplifies ordering and inventory planning. These state of the art teeth and adapters are available in the following shapes / sizes.

J200 - J600:

- (L) Long
- (RP) Rock Penetrator
- (F) Flare
- (T) Tiger
- (TT) Twin Tiger
- (RC) Rock Chisel
- (AX) Excavator Adaptor
- (AL) Loader Adapter



Solid modeling and FEA analysis guarantee high performance self-sharpening and perfect fit every time.

Premium alloys designed specifically for each size ensure long wear life and maximum toughness.

Call one of our product specialists today!

Waterloo, ON.

1-800-461-1824

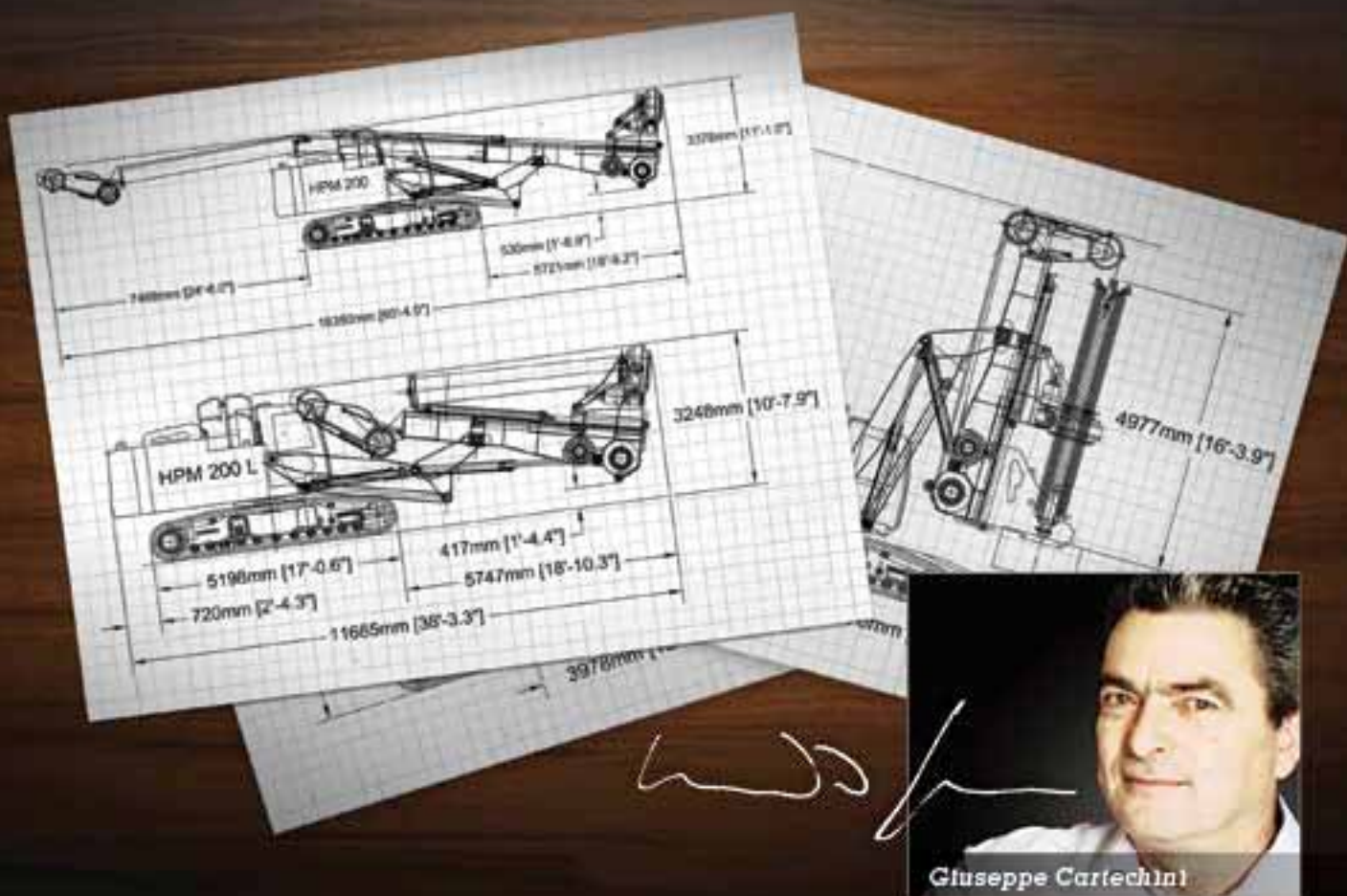
sales@valleyblades.com

Edmonton, AB.

1-877-452-1430

WWW.VALLEYBLADES.COM

THE DRILLING REVOLUTION IS HERE



800.348.1890

HMC-US.COM

You'll never look at your current foundation drilling equipment the same way again. Hercules has partnered with the preeminent drill designer in the world and owner of HPM, Giuseppe Cartechini, to bring the most robust, highest quality foundation drills in the world to North America. Designed using high-strength materials, HPM foundation drills provide excellent stability without the need for a large base. That means you get a high-performing, robust machine at a good value.

Hercules is the exclusive HPM drill dealer in North America. Call us today to find out how you can pre-order an HPM foundation drill.



Hercules Machinery Corporation
Manufacturer and Supplier of Foundation Equipment



150 years of DEUTZ: The Origin of HighTech

The atmospheric gas-powered engine, the four-stroke engine and the low-voltage magneto ignition – technical innovations that have revolutionized drive technology. And all these future-oriented technologies were developed by one company: DEUTZ AG in Cologne, Germany.

The invention of the four-stroke engine launched the motorization of the world, changing people's lives forever. DEUTZ is still an independent manufacturer of efficient and durable engine technology and is known for its high-quality products. It has been guided by "A tradition of achievement" for 150 years.

Now, in 2014, DEUTZ can look back proudly over its 150-year history and the technical revolutions, innovative developments and influential figures that have made it

the company it is today. Nicolaus August Otto, Eugen Langen, Gottlieb Daimler, Wilhelm Maybach and Ettore Bugatti – these are just a few of the names that have played an important part in the company's history.

The story of modern-day DEUTZ begins on March 31,

in Cologne. In an age when people were becoming passionate about technology and transport, Cologne-based businessman Nicolaus August Otto and engineer Eugen Langen joined forces to bring to life their vision of a machine that would power vehicles and be used in industry. The two visionaries set up the world's first ever engine factory in Cologne's Servasgasse, a street close to the main train station. When

Otto and Langen founded N.A. Otto & Cie., thereby laying the foundation stone for the current DEUTZ AG, they could not have imagined that they would set in train a process of motorizing the whole world from their base in Cologne.

The engine factory's early years were turbulent as the company rapidly developed into an organization that would go on to motor-

ize the world. In 1897, Gasmotoren-Fabrik Deutz was manufacturing stationary diesel engines and it was not long before the world's first pit locomotive came along. In 1907 the company began mass-producing diesel engines and soon after that began trialling the mass production of automobiles. The most famous of these was undoubtedly the 1909 model designed by Ettore Bugatti.

The year 1926 saw production of the first diesel tractor, and for a long time agricultural machinery was one of the most important pillars of the company's business.

IN 2014 DEUTZ CELEBRATES ITS 150TH ANNIVERSARY

150 years after it was founded, DEUTZ is known around the world as an independent manufacturer of diesel engines. From the very beginning, the name DEUTZ has stood for cutting-edge technology and high-quality products. Today, the company employs around 4,000 people and has a presence in over 130 countries.

Source: DEUTZ AG



1864, with the founding of N.A. Otto & Cie.

New EDGE® Sod Unroller Attachment

CEAttachments, Inc. announces a new re-designed EDGE Sod Unroller attachment for skid steers and track loaders.

The new EDGE Sod Unroller attachment has an enhanced, more cost-effective design that provides for more efficient operation and performance, saving landscape professionals time and money in labor.

The new EDGE Sod Unroller features an improved bracket design, providing easier roll installation and more effective operation.

The EDGE Sod Unroller is the perfect attachment for any landscape professional to easily lay rolls of sod in forward or reverse motion quickly and precisely.

Strong tubular frames handle rolls of sod up to 122 cm wide and up to 152 cm in diameter.

This simple, economical design requires no hydraulics and uses fiber or plastic cored rolls of sod.

CEAttachments is a full service international wholesale distributor of attachments and accessories for all brands and models of compact equipment including skid steers and track loaders, compact excavators and compact utility tractors.

Source: CEAttachments, Inc.



Ditch Witch Honors Brandt Tractor

The Ditch Witch® organization recognized Brandt Tractor Ltd. of Regina, Saskatchewan, with its Top Dealer Worldwide Award – the highest honor for a Ditch Witch dealership's worldwide sales volume.

"The Top Dealer Worldwide Award reflects the superior individual efforts throughout the dealership to providing customers the expertise, service and products needed to help them get the job done," said Tiffany Sewell-Howard, CEO, The Charles Machine Works, Inc. (CMW), manufacturer of Ditch Witch products.

Brandt Tractor Ltd. is part of The Brandt Group of Companies headquartered in Regina, Saskatchewan, with numerous other locations in Alberta, British Columbia, Manitoba, New Brunswick, Nova Scotia and Ontario.

Brandt is committed to providing its clients the most innovative products to assist them with the most difficult and unique underground construction projects.

Brandt offers a complete line of products to help maximize productivity and reduce costs of underground projects.

Specializing in the design, manufacture and distribution of premium underground construction equipment, the Ditch Witch organization is a one-stop source for trenchers, vibratory plows, electronic guidance and utility locating tools, horizontal directional drilling systems, drill pipe, downhole tools, chain, teeth and sprockets, vacuum excavation systems, and mini skid steers.

All of these products are recognized around the world for their advanced design, rugged construction, long-term durability, ease of use, and reliability. This product line represents the most complete range of equipment for installing utilities



From l. to r.: Tiffany Sewell-Howard, Charles Machine Works CEO, Van Wall of Brandt Tractor Ltd., Rick Johnson, Charles Machine Works COO and Gavin Semple of Brandt Tractor Ltd.

underground.

The Ditch Witch name is one you can trust for your equipment and financial needs. Ditch Witch Financial Services (DWFS) is a full-service provider, offering a wide variety of finance and lease options to meet each individual requirements.

Source: The Charles Machine Works, Inc.

Liebherr to Invest \$250 Million at its Bulle Plant

Over the next six years, the Liebherr Group is set to invest more than CHF 200 million (\$250 million) in its development and production site at Bulle in the Swiss canton of Fribourg. Significant capacity expansion in the fields of diesel engines and fuel injection systems will make further growth possible for the company Liebherr Machines Bulle SA.

Liebherr develops and produces diesel and gas engines, fuel injection systems, hydraulic components and splitter boxes in Bulle. These are employed partly in machines and equipment manufactured by the Liebherr Group, but are also increasingly in demand by customers outside the Group. Liebherr Machines Bulle SA

currently covers 6 basic engines from the 4-cylinder inline engine to the 12-cylinder V-engine.

Production of Common Rail fuel injection



systems, which have been manufactured in Bulle since 2012, should be increased to more than 100,000 units per year.

With this investment, Liebherr is secur-

ing the long-term existence of the Bulle plant and the creation of new jobs. Most of them will be for qualified skilled workers in production, but many will also be for highly qualified engineers and specialists, for whom additional new offices will be created.

The investment underlines the strategic importance of the Components division within the Liebherr Group. The high depth of production can thus be sustainably maintained.

Source: Liebherr

InfraStructures

reaches more heavy machinery and specialized equipment users than any other trade magazine in Canada.

The Media Kit is available on InfraStructures' website at www.infrastructures.com



Atlas Copco Offers Solar Solution to Portable Lighting

Atlas Copco's latest generation of QLTS Solar LED light towers not only are versatile and portable but also provide "green technology" as they run on solar-powered batteries. These units significantly reduce environmental impact and operate silently, making them ideal for special events, residential construction, nature reserves or any application requiring light in a remote area.

The solar operation of the QLTS light towers means low life cycle costs since they do not require fuel and have no engine or alternator to maintain. The QLTS does not emit any engine emissions or noise pollution, key for companies or governmental departments or agencies looking to embrace a more environmentally-friendly solution to meet their lighting needs.

The QLTS series comes standard with both manual and automatic photocell-operated lights. The automatic photocell turns the unit on or off depending on

light conditions. Operators also have the ability to use individual lights, from one to eight, tailoring the amount of light generated to the needs of the application. These features save energy and reduce "light pollution."

A motion detector option can add to equipment security in remote areas. The lights activate automatically and silently, surprising would-be thieves.

The highly efficient AGM batteries provide long-lasting, reliable power to the durable LED lights. With sufficient sunlight during the day, these towers can provide light for many night shifts without requiring a charge. If needed, an onboard charging system allows the QLTS to be plugged into a standard wall receptacle.



The QLTS light towers are also easy to operate, stable and extensively field tested, making them an efficient addition to any municipal, rental or construction fleet.

Source: Atlas Copco

Wacker Neuson Launches Skid Steer and Track Loaders

Wacker Neuson is introducing a new line of skid steer loaders and compact track loaders to the North American market. Wacker Neuson's SSL and CTLs have been designed and built from the ground up using ongoing feedback and advice from contractors who use these machines every day to make a living. Using the best components available and redefining the cab with details designed specifically for the operator, the new loaders from Wacker Neuson offer outstanding performance and durability.

The initial offering will consist of 4 models, 2 skid steer (SW models) and 2 compact track loaders (ST models) avail-

able starting mid-2014 through Wacker Neuson's distributor network.



All Wacker Neuson's SSL's and CTL's are powered by an efficient 74.3 hp turbo charged Perkins Tier 4 final diesel engine with a maintenance-free, flow through after treatment design.

Wacker Neuson's newest equipment line is built, tested and confirmed to stand up to the most rugged conditions. All units feature standard two-speed transmission for increased travel time on jobsites for increased cycle times and overall productivity. Wacker Neuson engineers took special care in designing the cab from the operator's perspective. The result is a spacious pressurized extended cab that maximizes space and comfort for the operator to move inside the cab. The ergonomic controls are easy to reach and operate and the exceptional visibility reduces operator fatigue, increasing productivity. Additionally, all units are available in both H-Pattern and ISO joystick pilot controls to fit the operator preference.

Source: Wacker Neuson Corporation

Conderoc Introduces Screen Machine's Triple Deck Screen

Conderoc Inc., the Canadian distributor of Screen Machine Industries' line of portable crushing & screening equipment, has recently unveiled a new triple deck screen model. The triple deck screen on the 622T Spyder screening plant features a triple shaft and unique direct feed and allows for more comprehensive material separation; a significant benefit in some applications where finer, cleaner screening is required. The 622T also features a Caterpillar C4.4TA, 127 hp power plant for reliability and worldwide service. It is equipped with three 1.8 m x 6.7 m (6'x22') screens creating four product separation. This screenbox feeds four 90 cm wide stockpiling conveyors with discharge heights of 4.0 m on the two largest products and of 4.7 m on the two finest materials.

"The triple deck screen is an increasingly popular piece of equipment in the construction industry," says Maurice Paiement, president of Conderoc. "The new 622T Spyder incorporates a triple deck

screen with four self-contained stockpiling conveyors, offering increased capabilities and efficiency."

Screen Machine Industries believes that the addition of the model 622T Spyder triple deck will help them to further those industries where the thorough separation and gradation of materials is so vital.

"At Screen Machine Industries, we have built a reputation for remaining at the forefront of the industry through a commitment to creative visions and innovative design," says Steve Cohen, president and CEO of Screen Machine Industries. "This is another step in our company's dedication



to providing the most effective solutions for our customers."

With over 50 years' experience in the field of heavy machinery, Conderoc imports and sells a wide range of heavy equipments and attachments. Conderoc distributes mining, quarrying, construction, demolition, forestry, agricultural, roadbuilding and earthmoving machinery.

Source: Conderoc Inc.



ACCESSORIES MACHINERY LIMITED
Phone: 1-800-461-1979
Fax: 1-877-544-5030 • Internet: www.aolaml.com



BUCHER schörling
Full-Size and Compact Vacuum Sweepers From 1 to 10 m³
USED STREET SWEEPERS VACUUM OR MECHANICAL
www.usedsweeper.co

SWEEPERS AVAILABLE FOR RENT



- Replacement Parts for Most Makes of Sweepers
- Street Sweeping Brushes
- Weed Brushes




EQUIPMENT OF CONCRETE • THERMAL • PAVING • RECYCLING • MORE • SERVICES

EQUIPMENT

CONDEROC

EQUIPMENT

CRUSHING • SCREENING • MINING • SORTING • RECYCLING EQUIPMENT





21 models of crushers, screens and conveyors

COME VISIT US AT BOOTH 206

AORS
ANNUAL MEETING
ANAPRIOR ON JUNE 4 & 5, 2014



SCREEN MACHINE INDUSTRIES, INC.





info@conderoc.com • www.conderoc.com • 450 745-0303

Montabert 501 NG Hydraulic Breaker Provides Operators with Greater Power-to-Weight Ratio

In 1969, the legendary Montabert BRH 501 hydraulic breaker revolutionized jobsites worldwide, largely displacing popular air compressed demolition tools of the era. Today, the French attachment manufacturer presents the all-new, redesigned Montabert 501 Next Generation (501 NG) hydraulic breaker to commemorate its invention of the first fully hydraulic concrete breaker more than 45 years ago.

Despite undergoing a 30% reduction in overall weight, the 730 kg 501 NG hydraulic breaker is 75% more powerful than its predecessor – providing aggregates producers, as well as construction and demolition contractors, with a superior power-to-weight ratio.

Designed for use with backhoe loaders and excavators weighing between 8 t and 18 t, the all-purpose hydraulic breaker delivers up to 870 blows per minute – demolishing oversized boulders and thick concrete with ease. The 501 NG falls within

the 1,0000 J (2,000 ft lbf) impact energy class and requires a hydraulic flow rate of between 80 and 140 l/min.

Standard performance-improving features include an energy recovery system that captures and recycles recoil energy from the piston to increase strike power and a blank-fire protection system that reduces harmful metal-to-metal contact. In addition, the 501 NG hydraulic breaker's upper and lower suspension system extends the carrier's work-group life by absorbing harmful vibrations and stress waves. Optional features include an air pressurization kit for underwater applications, as well as an automatic, cradle-mounted grease station that delivers continuous oil flow, reducing bushing and tool wear.

The 501 NG requires minimal maintenance. The breaker's simple design – characterized by fewer wear parts and devoid of tie rods – enables operators to more



efficiently complete routine maintenance on-site and with standard tools, including the replacement of the breaker's bushing. The breaker's enclosed heavy-duty housing unit further protects working parts from debris damage, while reducing noise levels on the jobsite.

Source: Montabert

Ritchie Bros. Conducts Grand Opening Auction in Manchester, New Hampshire

Ritchie Bros. Auctioneers officially opened its new auction site in Manchester, New Hampshire, on April 17, 2014, during a multi-million dollar grand opening auction. More than 1,400 bidders from 40 countries registered on site or online to participate in the auction, which featured more than 950 heavy equipment and transportation items from close to 100 sellers. A ribbon-cutting ceremony to mark the official opening of the new site featured Gary Abbott, executive vice president of the Associated General Contractors (AGC) of New Hampshire and Ritchie Bros. employees.

"We are very proud to welcome bidders from across New Hampshire and around the world to our new facility in Manchester," said Stephen O'Duggan, regional sales manager, Ritchie Bros. Auctioneers.

"We want to thank all of our customers who have made this day possible and look forward to continuing to serve the world's builders from our new site."

Ritchie Bros.' new 22 ha Manchester auction site is located in Hooksett, New Hampshire, and features an auction ramp with seating for 350 interested bidders, a refurbishing facility for equipment washing and repair, and approximately

10 ha for equipment display. It is expected this site will host four auctions each year.

The Ritchie Bros. auction calendar currently features more than 100 unreserved



Front row, l. to r.: Donald Winterton, planning board; Jo Ann Duffy, town planner; Dr. Dean Shankle, town administrator; Leo Lessard, public works director; Tom Walsh, planning board.

Back row, l. to r.: Tad Kane, Ritchie Bros. territory manager; Kevin Kobus, Ritchie Bros. vice president, operations; Stephen O'Duggan, Ritchie Bros. regional sales manager; Anthony Saponaro, Ritchie Bros. regional operations manager; Brian Riley, Ritchie Bros. territory manager; and Ben Swanson, Ritchie Bros. real estate manager.

public auctions. The next Ritchie Bros. Manchester, New Hampshire, auction is scheduled for June 19, 2014.

Source: Ritchie Bros. Auctioneers

More news of the industry on
www.infrastructures.com

PTS Pro Enables Users to Target Unplanned Downtime

PTS Pro, the latest addition to the Parker Tracking System (PTS) suite of products, gives subscribers a proactive tool against unplanned downtime, while maximizing uptime and profitability.

Developed by Parker Hannifin, the global leader in motion and control technologies, "The new PTS Pro features powerful asset tracking and maintenance tools that extend the capabilities of the original PTS application," said Technology manager, Bill Sayavich. "Using PTS Pro's advanced scheduling tools, our users can plan for and perform critical service as part of an effective and efficient preventative maintenance strategy."

From the easy-to-use Asset Management Dashboard, users can schedule inspections and replacements as needed, easily locate assets when maintenance is required, and record historical inspection details and results. Subscribers can also transfer visibility of select assets and schedule work by site, type, or asset level.

"PTS Pro enables customers to establish a maintenance schedule based on their individual or corporate requirements, regulatory standards or actual lifespan data of a particular hose assembly," added Mr. Sayavich. "

Taking a proactive approach to maintenance is crucial to maintaining and even increasing profitability as well as overall employee safety. While Parker products are built to withstand tough conditions, any product that hasn't been properly inspected or maintained presents an unnecessary risk to people and the environment. PTS Pro helps alleviate those risks by enabling users to establish a standard cadence of custom inspection and replacement activities, and confirming completion of those activities.

The PTS system can generate barcode, metal, or RFID tags for any number of products, including those from other manufacturers. These custom tags can be used to identify part numbers, size, length,





components, application data, and other specific information, enabling fast, easy, and exact replacement of parts.

Source: Parker Hannifin

Looking for a supplier's website?
Visit www.infrastructures.com

Eddynet

Angle or pick-up sweepers that can be installed on loaders, tractors, forklifts and many other equipment



Steve Nolin, sales representative
Toll Free: 1-866-444-2802
All sweepers have a swing arm device that reduces wear to the brush and increases sweeping efficiency
www.eddynetinc.com • Email: info@eddynetinc.com

GEOROCFOR^{INC}

ACCESSORIES

DRILLING SIMPLIFIED

Innovation/Quality/Adaptability



Xs Drill[®]
Overburden systems
Drilling tools

MANUFACTURE OF DRILLING TOOLS FOR OVER 35 YEARS

GEOROCFOR PRODUCTS ARE USED AROUND THE WORLD IN CIVIL WORK, FOUNDATIONS, WATER WELL, MINING AND TUNNELING

www.georocfor.com

Snow... No Match for Contant Snowblowers

As the population in Canada continues to grow, and traffic volumes continue to increase, a need has quickly emerged to move large volumes of snow to regional snow management repositories (snow dumps). This task requires machines capable of efficiently moving large mounds of dense snow quickly. That is where Cat® ACERT™ engine muscle makes its mark for Cat customer Contant Inc.

Canadian manufacturer Contant Inc. offers high-volume industrial snowblowers designed to direct snow vertically, maximizing the capacity of existing snow dumps.

"Our industrial snowblowers direct the snow in a snow dump to where space is free (vertically)," explained Michel Nadon, Contant general manager. "In a typical snow dump, we are restrained by capacity. The higher we can pile snow, however, the more we can expand the capacity of the dump."

Contant snowblowers can project snow



to heights from 24 m to 42 m, higher than any other snowblower on the market.

"We build snowblowers with a variety of horsepower options (300 hp to 1,350 hp) to fit the large capacity needs of snow dump operators as well as the smaller capacity needs of snow removal from city streets," added Mr. Nadon.

The largest Contant snowblower, the C-2032D, incorporates a Cat C32 rated at 1,350 hp. This industrial snowblower

is capable of directing the snow 42.7 m vertically – which can effectively double the capacity of a snow dump.

The same C-2032D can also be fitted with a Cat C18 engine rated at 800 hp or a Cat C27 rated at 1,150 hp. The company also offers additional industrial snowblower models for snow dump applications including the C-1230D and C-1830D, both powered with a Cat C13 engine rated at 520 hp. Smaller models are powered by a

Winter is Coming in August! ^{BACK}

**Don't miss the Annual
WINTER ROAD MAINTENANCE &
SPECIALIZED EQUIPMENT Issue**



For many years

InfraStructures

has been the best way to reach Snow Removal Professionals.

Our readership includes thousands of people involved in road maintenance all over the country, InfraStructures is the best way to get your message across to your target audience... All year round.



DEADLINE: JUNE 15, 2014
Advertise with us!

The complete media kit is available online at
www.infrastructures.com

CONTANT
MANUFACTURER OF
INDUSTRIAL SNOWBLOWERS
www.citysnowblowers.com

**POWER
RESISTANCE
EFFICIENCY**

- 8 models available for articulated wheel loaders or loader backhoes
- 168 to 1,350 HP
- From 1,155 to over 10,000 tons/hour
- 2 models for 3-point hitch on farm tractors of 170 to 350 HP

MANUFACTURING | SALES | RENTALS | NEW & USED
6310, Des Milla-Hes blvd., Laval, QC H7B 1B3
Phone: 450-666-6368 (24h/24h) | Toll free: 1-800-CONTANT (day)

Cat C7 engine rated at 300 hp or a Cat C9 engine rated at 375 hp.

"We use only Cat engines in our industrial snow dump snowblowers line," added Michel Nadon.

To date, Contant receives its ACERT engines from the local Cat dealer, Hewitt Equipment, in Pointe-Claire, Quebec.

"Service from Hewitt Equipment has been top notch," according to Mr. Nadon. "Dominic Deguire at Hewitt Equipment has been very easy to reach and has been instrumental in helping us plan our new Tier 4 installations. We will install Tier 4 engines this winter in two of our models of snow dump snowblowers," he said.

"We are currently expanding our product line and our market reach," he said. "we are looking forward to continuing to expand in areas of the United States. We have begun to sell our snowblowers to customers in Colorado, Montana and Alaska, and we have plans to continue with additional market representation in other states."

We are prepared to handle large volume of snow," concluded Michel Nadon. "Now, we just need that snow to fall."

Source: Contant Inc.

SPWA Annual Conference

Saskatchewan takes a lot of things very seriously, from football to public works infrastructure. The evidence of this can be found whenever the Saskatchewan Public Works Association (SPWA) get-together as they did recently in Regina.

Not only was this event an opportunity for dealers and suppliers to show their wares and for old friends and comrades to socialize, it was packed with a calendar of informative seminar sessions on topics as varied as thermal imaging technology, workplace safety and pavement maintenance.

A popular topic of conversation at this year's event was the anticipated American Public Works Association (APWA) Conference which is to be held in Toronto later this year.

Next year SPWA's gathering of public works specialists will be held in Saskatoon.

Source: Saskatchewan Public Works Association

Bauer Realizes Remediation at Center Hill Dam



BAUER Foundation Corp., local subsidiary of BAUER Spezialtiefbau GmbH, took responsibility of an extremely challenging dam remediation from spring 2013 on. The Center Hill Dam near Smithville, Tennessee, was built in 1948 as a means of river control and for production of energy. Ever growing damage on the sides, rock erosion and caverns are destabilizing the entire system and leading to water loss. The United States Army Corps of Engineers (USACE), Nashville District, contracted Bauer to construct a cut-off wall in a project worth over \$120 million (US\$108 million). This is the biggest single order the BAUER Group has ever had.

The first step was to expand the dam crest, to create room and stability for the large pieces of equipment. The first step in the construction work is to execute a foundation barrier wall in the earthen base of the dam. The construction is up to 100 m deep, socketed into rock 30 to 50 m. The entire wall is 280 m long.

The project is extremely demanding. Verticality of the highest precision is required: for a diaphragm wall panel or a bored pile, deviation of only 25 cm is allowed at the depth of 100 m. The supplier of concrete has erected a concrete factory close to the construction site for the 60,000 m³ of concrete, required for the project. The logistics of the construction site are also a big challenge due to the limited space.

The project is being executed with the BAUER Maschinen GmbH equipment with the biggest performance capacity, in parts specifically modified or even constructed to fit the purpose: Operating next to one BC 50 trench cutter – panel size 3.20 x 2.25 m – mounted on a heavy cycle crane MC 128 are one diaphragm wall grab on a MC 96 and a BG 50 rotary drilling rig with a 100 m long kelly. A new method of cut-off wall construction is used for the first time, executed with a Wassara-water-hammer on a Klemm KR 806 drilling rig.

The entire process is computer monitored. About 220 employees work round the clock in three shifts. The project is to be completed in the spring of 2015. The preliminary work alone – mobilization and site set-up – took one whole year.

Source: BAUER Spezialtiefbau GmbH



Maid of the Mist Mayday

It is not always the size, weight or volume of lifts that poses the greatest challenge for a project. Sometimes the feat is just navigating a previously uncharted territory and accomplishing the difficult task in a tight time frame. The payoff is the satisfaction of knowing that the crew overcame the challenges, built something that benefits the community and improves an old abandoned land area.

Clark Rigging and Rental Corp. of Lockport, New York, and two of its cranes, the Terex® AC 350/6 and Terex AC 500-2 all terrain cranes, recently completed one of these jobs. The crane rental contractor was one of the first responders to help the State of New York rescue a family-run business that has thrilled countless visitors and many celebrities with the majesty of the Niagara Falls.

For more than 150 years, the Maid of the Mist ships have operated on the Niagara River Gorge. Initially, they served as ferries to transport people, cargo and

carriages across the Niagara River below the waterfalls. In the modern era, the Maid of the Mist Corporation had leases in both Canada and New York to take spectators on a memorable tour of Niagara Falls.

"The vessels would dock for the winter in Canada, since they had the infrastructure," says Steve Clark, vice president of Clark Rigging and Rental Corp.

That is, until the Maid of the Mist Corporation lost both its lease to operate in Canada and the docks that went along with it. With no place to dry-dock the vessels during the winter on the New York side of the Falls, the Maid of the Mist Corporation faced the potential of ceasing operations and the State of New York was in jeopardy of losing tourism revenues.

Both the Corporation and New York representatives quickly searched for a suitable location to build a dry dock facility. With few viable options, the State came up with a solution that would allow it to transform an abandoned property, while enabling

the Maid of the Mist voyages to continue. "They chose the site of the old Schoellkopf Power Station for the new dock," mentions Mr. Clark. "The plant collapsed into the Niagara River Gorge in the 1950s."

The site north of Niagara Falls had the full backing of the State for the \$32 million renovation project. "We value the Maid of the Mist; we wanted to keep the Maid of the Mist here; we had a parcel we believed we could be better utilizing for the State and for tourism; and we put the two together," said New York Governor Andrew M. Cuomo while visiting Niagara Falls on December 4, 2012.

50 YEARS UNTOUCHED

Finding the site was the easy part. Building the infrastructure to support the two vessels and observation area would be the hard part. "Nothing had been done to the site since the Schoellkopf plant collapsed into the River," mentions Steve Clark.

"There was no access to the site for the



SEE IT IN ACTION AT WWW.RNPIND.COM



Call Toll Free: 1-888-697-5355

P.A.M. The Missing Link

**Remove concrete FASTER
with LESS effort**

2 to 3X proven production boost

- Mount 15 lbs - 35 lbs chipping hammer, breaker, rivet buster, hydro-demolition, rock drill and other various tools
- Water nozzle for dust control
- 4 function controls on handles
- Operational sequence to prevent dead blows
- Designed to push the tool against the surface
- 1150 lbs weight (without hammer)
- Rotation over 100° with locking feature
- Self-contained unit, no harmful emissions
- U.S. Patent #US6 752 221 B1
- Canadian Patent #2 415 330

**Eliminates wear & tear
Fast payback
Ideal for overhead & vertical
surface preparation**



equipment to build the harbor crane. Everything had to be lowered by crane from a cliff overlooking the gorge approximately 45.7 m above the river," added Melanie Parker, sales administrator for Clark Rigging.

Clark Rigging's crew was first on site with its 350 t capacity class Terex AC 350/6 all terrain crane, equipped with its full counterweight and 64 m main boom. Starting in May of 2013 and lasting for six weeks, the AC 350/6 crane was the workhorse of the project, aiding with initial site clean-up efforts. "We averaged 75 picks a day with the crane, lowering equipment down into the gorge," says Mr. Clark.

While Clark Rigging's AC 350/6 crane was lowering supplies to clear the gorge of trash and overgrowth and prepare the riverside for a new dry dock and observation area, work commenced on constructing a buck hoist elevator for a more efficient way to get workers down to the project site. Additionally, a high capacity ringer crane was erected to lower cranes, trailers, pieces of the harbor crane and other heavy components into the project site.

Among the equipment the AC 350/6 all terrain crane lowered into the gorge were skid steer loaders, dozers, all terrain trucks and a 11 t excavator. "We were working at about a 33.5 m radius to lower material 45.7 m into the gorge," says Steve Clark. "It's a challenge working from that height in off-road conditions, where the terrain is not level."

As the riverside dock area took shape and with the ringer crane in place, Clark Rigging moved out its AC 350/6 and prepared its larger Terex AC 500-2 all terrain crane for the next project phase, construction of the harbor crane.

LIFTING THE MIST

By September of 2013, work had progressed to the point where Clark Rigging's crew was on site with the Terex AC 500-2

all terrain crane, complete with its main boom and full counterweight to erect the 181 t harbor crane. With its 500 t lift capacity, the AC 500-2 offers the highest capacity of any eight-axle crane on the market. Boasting the shortest vehicle length in its capacity class and a 56 m telescoping boom, the AC 500-2 crane features the largest system length that can travel at a 10.9 t axle load, increasing lifting flexibility at the job site.

Since there were no access roads leading to the dock area, the AC 500-2 crane was placed into the gorge from atop the cliff by the ringer crane. "It was lowered in two pieces, the main crane and the boom," says Steve Clark. "The counterweight was lowered two at a time."

A Terex RT 655 rough terrain crane was also placed into the gorge. "The rough terrain crane assisted with boom installation on the AC 500-2," says Melanie Parker.

Since the ringer crane did not have the reach to extend to the river's edge, a trailer was also positioned in the gorge to efficiently transport the harbor crane components to the edge of the water. For harbor crane construction, a total of eight components with an average weight of 63.5 t were hoisted and positioned by the AC 500-2 crane. Additional components

positioned by the Terex all terrain crane included the 54.4 t crane base, 63.5 t slewing gear and two 63.5 t floating docks.

A 81.6 t capacity, 17.7 m spreader beam was placed in a tandem lift using the AC 500-2 crane and a crawler crane. "We worked at a short 9.1 m radius with the AC 500-2 crane," says Mr. Clark. "There were no major challenges with the lifts, and we were finished with the harbor crane within two weeks."

On November 1, 2013, the two Maid of the Mist vessels were pulled from the Niagara River by the 181.4 t harbor crane and placed on their newly built dry dock at the former Shoellkopf Power Station site. The site's two new platforms – one atop of the gorge and a second alongside the Niagara River – are now connected by a new elevator, giving pedestrian accessibility to the Niagara River Gorge, so the visitors will have a new way to experience the grandeur of this national treasure.

Source: Terex Corporation



InfraStructures

reaches more heavy machinery
and specialized equipment users
than any other trade magazine in Canada.

The Media Kit is available on InfraStructures' website at www.infrastructures.com



A Stacking Challenge... the AC 40 City Comes to the Rescue

At first glance, this project did not look particularly challenging, but when taking into account all the jobsite restrictions, German crane service provider Schmidbauer realized that it needed to execute a high precision masterpiece. Stacking containerized offices can be an everyday task, but when this is carried out indoors and with minimum space to maneuver, it's another thing. For this job, Schmidbauer used a crane that is globally known to work in tight spaces, the Terex® AC 40 City crane.

"There weren't any viable alternatives to begin with – no other crane had the design characteristics required to handle the job. Without the AC 40 City crane, we simply wouldn't have been able to take on the project," explains Christian Schlagbauer, the branch manager at the Schmidbauer Group's Ingolstadt office. Schlagbauer also

values the Terex crane due to its compact design and fast telescoping action under load.

In addition to the lack of space, the project also held another challenge: In order not to disturb the production work at the logistics warehouse, all lifts would have to be carried out during a single Saturday. This is where the Terex AC 40 City crane's ease of mobilization and fast assembly proved to be invaluable; the team was able to drive the crane to the jobsite and set it up in just 30 minutes.

The mission: to stack 16 containers inside the building. To be able to perform the lifts despite the lack of space, the Schmidbauer team mounted a runner with the maximum possible offset directly on the crane's main boom. In addition, they forewent a hoist rope and used swivel

hooks instead. This made it possible for the AC 40 City crane to literally put the 6 m long, 2.5 t containers in chains at all four corners and then lift them using a radius of about 10 m. "With this configuration, I was able to bring the upper containers to the required height and then set them down on the lower ones without running into the ceiling structure or into any lighting fixtures or pipes," reports crane operator Steffen Jaenecke, who was able to reliably complete the job within the required timeframe. "After just 10 hours, all 16 containers were where they needed to be," he added.

As the most compact unit in the 40 t capacity class from the City crane series, the Terex® AC 40 City crane model is particularly well-suited to operations in constrained spaces. The crane's overall

Adjust Paving Width on the Fly with Bergkamp's Unique Variable Width Spreader Box

Bergkamp Inc. offers its Variable Width Spreader Box (VSB) to provide better flexibility for micro surfacing contractors that work on highways, roads and other pavements where the width fluctuates throughout the job. The proven VSB can expand and contract while paving so you do not have to stop when the road changes – eliminating unwanted construction joints and increasing pavement driving quality. It has 4 augers; the first 2 feed the material to the center of the box while the other 2 evenly distribute the mix during placement. As the box adjusts, the augers remain equally spaced apart so you get an even placement and a smooth finish. Even at the smallest width, the auger blades never touch, making it easy to clean because the micro surfacing material does not build up between them. The VSB is available in 2.4 m to 4.0 m, 2.7 m to 4.3 m and 3.0 m to 4.6 m models. Widths up to 4.9 m are available by special order. Each model allows you to pave at any width between the minimum and maximum size.

As the first of its kind, the VSB is made for Bergkamp pavers, but can also be customized for other brands worldwide. It easily replaces standard boxes, connecting

to the frame of the micro surfacing paver like other spreader boxes. The VSB is connected to the paver's hydraulic system and adjusts by using the levers located on the handrails of the box. The hydraulically driven ribbon augers are fully expandable, and feature a 30.5 cm pitch. Both the primary and secondary strike-offs

feature a patented design that allows them to slide within a guide tube when the box expands or contracts while paving, and inboard runners provide clean longitudinal joints.

Along with the VSB, Bergkamp offers an industry leading line of other spreader boxes for all applications. They include:

- **Hydraulic Spreader Box** – Designed specifically for micro surfacing and quick-set slurry seal mixes. Once the pins are removed, widths can be hydraulically adjusted from 2.4 m to 4.3 m in 15 cm increments. Widths up to 4.9 m are available by special order;



- **Slurry Seal Box** – Available with or without augers for typical slurry seal applications. The width is manually adjustable from 2.7 m to 4.3 m in 15 cm increments. Widths up to 4.9 m are available by special order; and
- **Rut Box** – Allows filling of wheel path ruts to the desired level without wasting material. Two independently adjustable V-shaped screeds channel the mix's larger-sized aggregate to the deeper part of the rut. It is available in 1.5 m or 1.8 m widths.

Source: Bergkamp Inc.

height makes it possible to cope with clearance heights as low as 2.99 m, while a total length of only 8.57 m and a carrier length of 7.34 m provides a high level of maneuverability. The three-axle crane's maneuverability is further enhanced by its independent rear-axle steering. The AC 40 City crane can travel on public roads with its maximum system length of 44.2 m, representing yet another advantage.

The telescopic main boom's length ranges from 7.80 to 31.2 m, while the four boom head sheaves are designed for maximum loads of up to 34.4 t. A heavy-lift attachment with an additional sheave, one of the many options available for the unit, makes it possible to achieve a maximum lifting capacity of 40 t. Other available options include 7.1 m and 13 m main boom extensions with a folding jib/ double fly jib, as well as a three-sheave, 1.2 m-long assembly jib designed for loads of up to 15 t. Finally, the crane's standard counterweight weighs 5.45 t.

The Schmidbauer Group comprises over 20 locations throughout Germany. Schmidbauer GmbH & Co. KG's headquarters



are located in Gräfelfing, near Munich. In addition, the Schmidbauer Group includes Fricke-Schmidbauer Schwerlast GmbH and Rieger & Moser GmbH & Co. KG.

The company has a well-established image as a state-of-the-art system service provider and heavy load service specialist with operations focusing mainly on the construction, chemical, electric power, machine building, and plant building

industries. The Schmidbauer Group's core competencies include the provision of mobile cranes for a wide variety of requirements, multimodal logistics strategies for heavy haulage projects, performing demanding assembly jobs, and developing and implementing technical heavy load solutions.

Source: Terex Corporation

Compact Spiral™ Hose's Benefits Explained In Video Series

The second episode of Parker Hannifin's new Tiger Talk video series provides industry professionals with an in-depth explanation of the company's Compact Spiral™ hose.

Parker Hannifin's Hose Products Division developed the Tiger Talk video series as a simple and convenient online video resource for industry professionals looking to learn more about fluid conveyance technology and the products they rely on every day.

"Tiger Talk gives consumers pertinent product information to help them make informed business decisions," said Doug Honig, Marketing Services manager, Parker Hannifin Hose Products Division. "These videos were made to give consumers brief, simple and easily accessible insight into a complex industry."

In just a few minutes, Parker's Compact Spiral hose episode provides a detailed explanation of the company's 787TC and 797TC for 5,000 and 6,000 psi applications. This episode covers:

- How Compact Spiral hose was created using proprietary technologies
- How Compact Spiral hose is different from alternative products
- How Compact Spiral hose's value benefits OEMs
- How Compact Spiral hose extends service life

In addition, this Tiger Talk episode explains pressure ratings, routing ease, abrasion resistance, bend radius, reduced force to flex, reduced hose weight, and more about how Compact Spiral™ hose can provide benefits to customers' applications.

Source: Parker Hannifin



MTCML Trade Show

The MTCML Trade Show is an annual one-day event held in conjunction with the Association of Manitoba Municipalities' AMM Municipal Officials Seminar.

This year's event was held on April 16 in Brandon's Keystone Centre, home of junior hockey's Wheat Kings.

This event combines a conference and seminar series targeted toward administrative and political leaders from across the province. In addition there is a trade show featuring various municipal service and equipment providers.

As well as several regional chapter get togethers held throughout the year, this event provides an occasion for those responsible for municipal policy and infrastructure ownership to meet and discuss the issues critical to them and their constituents.

Next year's event will be held on Tuesday, March 17, at the RBC Convention Centre Winnipeg.

Source: Association of Manitoba Municipalities



The Next Generation of 2 Stage Helical-Bevel Design from NORD Drivesystems

The next generation of premium efficient gearbox from NORD Drivesystems has been released for the North American market. The 2-stage helical-bevel design, referred to as the 92.1 and 93.1 series, offers high-performance, up to 97% efficiency and a 60% increase in torque to weight ratio over the previous series. Both series are available in five gear case sizes and are characterized by an open, smooth, self-draining outer surface.

Designed using FEM (Finite Element Modeling Technology), this high-strength aluminum alloy housing is manufactured using NORD's UNICASE™ Design. The UNICASE™ design consists of a one-piece housing where bores and mounting faces are machined in one step, producing precise tolerances that ensure accurate positioning of gear teeth, bearings and seals. Internal reinforcements inside the gear case increase the strength and rigidity of the gearbox, resulting in a high-strength housing. This, in turn, provides for larger, high-capacity output bearings, increased overhung load capacity and increased hollow bore capacity. By NORD offering a leak-free design, longer gear and bearing life, quiet operation and high output torque capabilities, the customer benefits from high efficiency, low maintenance and a long service life.

Providing exceptional modularity and adaptability for all mounting positions, numerous possibilities exist for input, output and motor options. Input and output options are stocked at the factory to guarantee quick-shipment upon order. Available with either a NEMA or IEC input, a NORD motor or brake motor, the 92.1 and 93.1 are well suited for applications in the conveyor industry, material handling, car wash, and the food & beverage industry, including wash down environments.

The 92.1 series, easily identified by its high-strength lightweight design, is a universal housing offering foot, face (B14) and shaft mount as standard. An optional B5 mount is available. The 92.1 series is cost effective when compared to the 93.1 and is ideal for cooling, due to its large surface area.

The 93.1 series is characterized by the closed design and comes as shaft and

flange mount (B14) as standard. Optional drilled and tapped holes can be provided for foot mount requirements. In addition, an optional through-bolt, B5-flange is readily available. Because there are no cavities to this design, NSD tupH surface conversion system is available.

As the world continues to strive for increased efficiency, the new 92.1 and 93.1 units are the answer. While a typical worm gear type drive may be only 70% efficient, the 97% efficiency of the 92.1/93.1 series are truly the premium efficient gearbox. Dramatic energy savings and a much lower cost of ownership are accomplished which, in turn, improves the bottom line. While some manufacturers in the power transmission industry claim an improved bevel design but attach a lesser efficient hypoid gear stage, others sell the customer a high efficient motor but attach an inefficient worm gear drive. NORD's gear cutting technology allows for the production of gear sets with a higher maximum ratio per stage than many other speed reducer manufacturers. This allows for a true helical-bevel, double reduction gear unit with a maximum ratio of 70:1. With a company-wide focus on design,

innovation and a superior product, customers and end users around the world rely on NORD for performance, efficiency and superior dependability.



NORD was founded in 1965 to develop, produce, and market drive technology. NORD provides a wide range of products to meet your needs with gearboxes ranging in torque ratings from 90 lb in to 2,200,000 lb in, and electric motors rating in power from 1/6 hp to 250 hp. In addition, the product line consists of high-performance AC Vector Drives and AC Drives for panel mount or distributed mount.

Source: NORD Gear Corporation

With more readers across Canada than any other trade magazine **InfraStructures** offers you the **widest coverage** available to advertise your products and services.

With readers involved in all aspects of the industry **InfraStructures** offers you the **deepest coverage** available to advertise your products and services.

Why advertise anywhere else?



Choose **InfraStructures** for your next campaign.

Ford Starts 2015 Transit Van Production

Supported by 2,000 new employees and a \$1.1 billion investment, the all-new Ford Transit van rolled off the line at Kansas City Assembly Plant on April 30, as Ford aims to strengthen its leadership in the commercial vehicle segment.

On sale this summer, Ford's next-generation full-size van family will provide tradespeople and businesses with increased capability and innovative new configurations in the growing commercial vehicle market.

It is another example of the company's One Ford strategy to serve customers with world-class vehicles leveraging global assets, including common platforms. The



move results in bringing new jobs to the greater Kansas City area.

In North America, the Transit eventually will replace America's best-selling van for 35 years, the E-Series van, first sold in 1961 as Ford Econoline. E-Series vans and wagons still will be available and sold side-by-side with Transit into the 2014 calendar year, providing a seamless transition for Ford customers. Additionally, the E-Series cutaway and stripped chassis will continue to be built and sold through most of the rest of the decade.

The Transit was introduced in Europe in 1965 and has been the best-selling commercial van in the UK for 49 years. Transit is currently sold in 118 markets on 6 continents.

The Transit will be available in 3 body lengths, 2 wheelbases on van and wagon and 3 roof heights; in van, wagon, chassis cab and cutaway body styles; and in XL and XLT trim levels, offering more choices than ever from a Ford commercial van vehicle.

The new Transit van offers as much as 13,7 m³ of cargo volume and 2,100 kg of maximum payload capacity – more than competing vans from General Motors



and Chrysler. The Transit van delivers a maximum towing capacity of 3,445 kg.

The Transit comes standard with a 3.7 l V6 engine and offers the 3.5 l EcoBoost®, and the 3.2 l Power Stroke® diesel as an

option. Each engine is paired with a six-speed automatic transmission for efficient rear-wheel-drive operation.

Source: Ford Motor Company

British Gas Buys 100 e-NV200 Nissan Electric Vans

Following a successful 6-month winter trial of Nissan's fully-electric e-NV200 van, British Gas has decided to place an immediate order for 50 vans, with a further 50 to be delivered later this year. British Gas announced the order for the 100 Nissan e-NV200 models recently at the 2014 CV Show at the NEC in Birmingham, England.

The trial period covered an unusually harsh winter, usually the achilles heel of any electric vehicle. But the Japanese auto-maker's powertrain, which is borrowed from the Leaf EV, proved up to the job.

The order furthers British Gas' ambition to electrify at least 10% of its

13,000-strong home service van fleet by 2017. Fifty e-NV200 models are due to join the British Gas fleet immediately, with the remaining 50 arriving by December.

The e-NV200, which borrows a lot of technology from the Nissan Leaf, can cover 170 km on a single charge, with an 80% recharge of the lithium-ion unit possible in 30 minutes from a 50 kW fast charger. A 6.6 kW/32 A outlet can pump out a complete recharge in 4 hours. Top speed is capped at 120 km/h to preserve the van's range.

Many models sacrifice boot and/or passenger space to the chunky battery and electric motor required to make zero-emission motoring possible but the e-NV200's payload and cargo area is the same as in the "normal" NV200 (739 kg / 4.2 m³).

The Nissan e-NV200 goes on sale this June in Europe.

Source: British Gas



Appointments

KPI-JCI and Astec Mobile Screens has hired **Don Mueller** as a regional sales manager for the northwest territory for its track-mounted products.

In his new position, Mr. Mueller will cover Washington, Oregon, northern California, Hawaii, Alaska, British Columbia, Alberta, Montana and Wyoming. Most recently, he served as a territory manager for Astec AggReCon West, a KPI-JCI and Astec Mobile Screens authorized dealer based in Eugene, Oregon.



Don Mueller has worked in the aggregate industry for nearly 40 years, starting at Telsmith in 1976 in the manufacturing facility, and later switching to the service department. He later worked for Cedarapids and then Balzer Pacific, a former KPI-JCI and Astec Mobile Screens authorized dealer.

Steve Schetky, director of sales for the western United States, said Mr. Mueller's vast and varied experience made him the prime candidate for the position.

"Don has a unique combination of understanding how manufacturers operate, how dealerships function, and how to call on the end users," Mr. Schetky said. "From his experience as a field mechanic, he understands the workings of track machines, yet also knows what it takes to gain the customer's confidence and trust. With the increased track population in western North America, we needed an additional track regional sales manager to get ever better coverage for our dealers and their customers. I am confident we will continue to increase our presence in the track market, and Don has all the tools to help make that happen."

Source: KPI-JCI & Astec Mobile Screens

Tim Ford of Terex has been named chair of **ICUEE 2015 - The Demo Expo**. He oversees the show's volunteer management committee, a cross-section of utility construction leaders who direct show planning to ensure the show remains relevant for all market segments. Mr. Ford is president of Terex Cranes for Terex Corporation, Westport, Connecticut.

The biennial ICUEE – International Construction & Utility Equipment Exposition will be held September 29 – October 1, 2015 at the Kentucky Exposition Center in Louisville, Kentucky. ICUEE is the largest event in North America for utilities and utility contractors seeking the latest product innovations and best practices for construction and rehabilitation projects.

The show is known as The Demo Expo for its numerous hands-on working equipment demonstrations. The 2013 ICUEE ranked number-two among all trade shows in the U.S. for the year (at 110,000 m²), in the annual "top trade shows" list of the Trade Show News Network online media resource.

Source: Association of Equipment Manufacturers (AEM)

Registration Opens for the RCMA International Roof Coatings Conference

Industry professionals can now register for the Roof Coatings Manufacturers Association (RCMA) 2014 International Roof Coatings Conference (IRCC), to take place at the Royal Sonesta Harbor Court Hotel Baltimore, July 14-17. Offered in partnership with 9 industry organizations, the conference will highlight the latest technological advancements and emerging issues of relevance to the roof coating, building envelope, green building, cool roofing, research, and architectural communities.

The second biennial IRCC is back by popular demand following the well-received inaugural 2012 IRCC, which was attended by over 120 industry representatives. This year, RCMA has partnered with nine U.S. and international organizations to bring you the 2014 IRCC. These conference partners include:

- Oak Ridge National Laboratory (ORNL)
- Lawrence Berkeley National Laboratory (LBNL)
- National Research Council Canada (NRC)
- Canadian Paint and Coatings Association (CPCA)
- Liquid Roofing and Waterproofing Association (LRWA)
- Global Cool Cities Alliance (GCCA)
- European Cool Roofs Council (ECRC)
- American Council for an Energy Efficient Economy (ACEEE)
- Alliance to Save Energy (ASE)

"We are thrilled to partner with such an outstanding group of organizations, each sharing RCMA's vision to deliver excellent educational content and programming," said John Ferraro, RCMA executive director. "The conference will feature presentations on topics covering everything from roof coatings to cool roofing to sustainability," adds Mr. Ferraro, "and promises to be highly valuable to both member and non-member attendees."

The RCMA Summer Meeting, open to both RCMA members and non-member guests, will follow the conclusion of the IRCC programming. Highlights of the RCMA portion of the event will include guest speakers from Health Product Declarations Collaborative and the American Trucking Association, detailed reports on the activities of each of the Association's committees, and industry updates on the latest regulatory and technical news.

The Roof Coatings Manufacturers Association (RCMA) is the national trade association representing manufacturers of cold applied protective roof coatings and cements and suppliers of products, equipment, and/or services to and for the industry. RCMA is committed to continually improving performance and quality of roofing.

Source: The Roof Coatings Manufacturers Association (RCMA)

ADDRESS CHANGES

Update your subscription information
or address changes via e-mail:

subscriptions@infrastructures.com



A legacy of hard-working trucks since 1897

A newcomer in the Class 7 & 8 Cabover category

The oldest North American truck brand, Autocar® enters the Class 7 & 8 cabover market with a range of trucks designed for heavy work such as road maintenance and heavy pick-up and delivery, the Autocar Xpert.



The Autocar Xpert is designed to ensure the best sight lines in any cabover or conventional truck. The spacious cab features a huge windshield, side, and rear windows.

The Autocar Xpert can be equipped with an OEM dual steering system. With all controls placed either in the middle, or duplicated and mirrored on both sides.

The high performance dual steering gear system is designed for an extra tight turning radius, and the electrical system is designed for dual steer from the ground up, with no third party splicing into a wire harness.



Distributed by:

Accessories Machinery Limited
www.aolaml.com

1-800-461-1979



**Custom-built trailers
Repairs**

LAROCHE'S TRAILER

Parts

...listening to your needs

Phone: (519) 846-2622
2060 Route 222
St-Denis-de-Brompton, QC J0B 2P0

www.remorqueslaroche.com

A real breakthrough in the forklift field!

**Forklift
Network**



Access a network of companies and people who have the same goal as you do – to buy or sell a forklift.
Become a member today! forkliftnetwork.ca

Free Subscription

Complete the coupon and send it to us by mail at:

InfraStructures Magazine
Subscription Department
4330 Saint-Hubert Street
Montreal, QC H2J 2W7

by fax at:
514-528-9932
or by email at
subscriptions@infrastructures.com

.....send the changes to us by mail or by fax or type-in the information in an e-mail..... ✂

Name: _____
Title: _____
Company: _____
Mailing address: _____
City: _____
Province / Postal Code: _____
Phone: _____
Fax: _____
Website: _____
E-mail: _____

Agenda

AORS Municipal Trade Show

June 4 - 5, 2014
Amnrior, ON Canada

road&traffic - International infrastructure and public transport exhibition / Transcaspien 2014-Transport and Logistics exhibition

June 12 - 14, 2014
Baku, Azerbaijan

International Rental Exhibition (IRE) / European Rental Association (ERA) convention / APEX 2014 (aerial platform exposition)

June 24 - 26, 2014
Amsterdam, the Netherlands

Hillhead 2014

June 24 - 26, 2014
Buxton, UK

2014 International Roof Coatings Conference (IRCC)

July 14 - 17, 2014
Baltimore, MD USA

APWA 2014 International Public Works Congress & Exposition

August 17 - 20, 2014
Toronto, ON Canada

APOM Technical Day

September 5, 2014
Asbestos, QC Canada

Expomina 2014

September 10 - 12, 2014
Lima, Peru

Pacific Heavy Equipment Show / TRUXPO 2014

September 19 - 20, 2014
Abbotsford, BC Canada

International Mining Conference & Exposition (IMEX2014)

September 23 - 25, 2014
Las Vegas, NV USA

INTERROUTE & VILLE

October 7 - 9, 2014
Lyon, France



WaterSmart Innovations Conference and Exposition

October 8 - 10, 2014
Las Vegas, NV USA

Expo-FIHOQ 2014

October 29 - 31, 2014
Montreal, QC Canada

Canadian Waste & Recycling Expo

Exposition canadienne du déchet et du recyclage
November 19 - 20, 2014
Toronto, ON Canada



bauma China

November 25 - 28, 2014
Shanghai, China



Work Truck Show

March 4 - 6, 2015
Indianapolis, IN USA

National Heavy Equipment Show

March 5 - 6, 2015
Toronto, ON Canada

World of Asphalt & AGG1

March 17 - 19, 2015
Baltimore, MD USA

inter airport South East Asia - Singapore

March 18 - 20, 2015
Singapore

INTERMAT Paris

April 20 - 25, 2015
Paris, France



ICUEE - The Demo Expo

September 29 - October 1, 2015
Louisville, KY USA

bauma 2016

April 11 - 17, 2016
Munich, Germany



CONEXPO-CON/AGG 2017

March 7 - 11, 2017
Las Vegas, NV USA

ANTIFRICTION GREASES

SINTO'S exceptional line of antifriction greases specifically intended for heavy equipments and farm equipments. They considerably reduce wear and friction, maintenance cost and grease consumption.



- Exceptional resistance to heavy loads shocks and washouts
- Excellent thermal and mechanical stability



- Exceptional performance at low temperatures
- Superior adherence
- Superior resistance to rust, corrosion and oxidation



- Water resistant
- Authorized in food processing industries and water supply services



CETANE BOOSTER

Multipurpose diesel fuel conditioner

CETANE BOOSTER SINTO'S all-in-one complete top-of-the line diesel fuel conditioner increases cetane number to optimize engine power. It reduces maintenance costs and improves fuel economy and reducing exhaust emissions.

- Keeps fuel injection system clean
- Protects against rust and corrosion
- Improves fuel stability during storage
- Prevents freezing
- Provides easier cold start-up



www.sinto.ca

For more details or to place an order call:

Mario Robichaud

South of New-Brunswick

Nova-Scotia

Prince-Edward-Island

506 543-1267

mrobichaud.ent@gmail.com





Depuis 1929 Since

W. CÔTÉ & FILS LTÉE

Tél.: (450) 691-2967 Fax: (450) 691-2830

BES900

Benne à sautoir standard



H700

Harnais pour niveleuse



AR9500

Harnais à accouplement rapide pour chargeur



EV900

Épandeur d'engrais



CÔTÉ

19 rue Côté
Mercier, QC J6R 2B9
www.w-cote.com
info@w-cote.com



BA100

Benne rotative pour asphalte



BEU900

Benne à sautoir en U



AR9000

Harnais à accouplement rapide

