

InfraStructures

CONSTRUCTION • PUBLIC WORKS • NATURAL RESOURCES

Volume 14 • Number 1 • December 2008 / January 2009 • *English Edition*



**LARUE**

Season Greetings

From our family to yours



High capacity LARUE detachable loader-mounted, 200 hp or 350 hp, telescopic loading chute.



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



LARUE 7460 dual engines, 775 HP, 4,400 tons/hour capacity, all wheel drive, available with the Larue A.R.S. (automatic rear steering all wheel steering system).



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



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



LeeBoy 8516 25,000 lbs class 8' to 16' paver Cummins 130 HP engine, Legend™ screed system with 10% slope or extensions, variable speed 14" cast segmented augers, patented under auger cut-offs.

Manufacturer of **LARUE**
Heavy Duty Snowblowers

Distributor of **LeeBoy** products
for Ontario, Quebec and the Maritimes
Distributor of **DYNAPAC** products
for the province of Quebec

**LARUE**

1-877-673-3013

MONCTON • QUEBEC • MONTREAL • LAVAL • TORONTO

Head Office • 690 Lenoir Street, Quebec City (Quebec) • Fax: (418) 658-6789

Toronto: 3320 American Drive, Mississauga (Ontario)

Phone: (905) 673-3013 • Fax: (905) 673-3015

NEW!

SALES • SERVICE • RENTALS • FINANCING AVAILABLE

COME SEE US AT

2000 EQUIPMENT SHOW
TORONTO, MARCH 5 - 6, 2000

EXPO
GRANDS TRAVAUX
MONTREAL, APRIL 3 - 4, 2000



Rosco Wadimixer 81 automatic in-cab controls, 62 Spray extendible sprayer, tapered and radius spraying, BW RW-FLUSH clean-out system, straight-line start and stop, 6-20 ft sprayer available, 400 GPM mixing asphalt pump

Three models to choose from...
50 to 130 HP



LeeBoy 686B Grader 47 HP Kubota Tier 3 diesel engine, 7,600 lbs operating weight, 2 speed hydrostatic tandem drive, 8 foot sliding moldboard, center-mounted scarifier, optional enclosed cab, tilt console

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

Volume 14 Number 1
December 2008 / January 2009

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

CONTRIBUTING EDITOR
Rob Holden

ADVERTISING SALES
MONTREAL
(514) 233-1295
montreal@infrastructures.com
TORONTO
(416) 795-1295
toronto@infrastructures.com

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

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

E-Mail
editor@infrastructures.com

INTERNET
www.infrastructures.com

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

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

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, 2009

DISTRIBUTED BY CANADA POST
Publications Mail Agreement #40052183

A Brief Word...

Well, firstly we would like to wish all of our readers and advertisers a happy and hopeful New Year, and look forward to meeting and speaking to many of you over the course of 2009 at trade shows and other events.

So, by the time you sit down to take in our first offering for the year, I hope that your hangovers and related ailments have healed, or at least your eyes are sufficiently clear to peruse our pages pain free! Like many of us you may have awoken on January 1st not only with an achy head, but with painful memories of things you would prefer to forget, like what happened at the Christmas Party or the economy.

Well try to remember *Time Heals All Wounds*, and the same holds true for the economy, and the worst offender of enhancing the tragedy of this crisis have been these media pundits who spout doom and gloom. Our worst enemy in this crisis is our own pessimism and conditioned response to a stream of alleged experts issuing questionable predictions.

Let's consider the reality of the situation TODAY! Construction work that is in process will continue through inertia if nothing else. Also, remember that the only way the governments have to stimulate economic activity is by spending public money on public projects. Now, ponder the types of work that you know must be done, but never are due to the nature of funding formulae and other factors, namely repair and maintenance. These are tasks that are less glamorous, less expensive (when done in timely manner) and critical to the long-term viability of any structure, civil, public, private, resource based etc. Suddenly, we will see The Council or Mayor promoting potholing and ditching rather than trying to garner votes by paving a constituency street.

Let's be clear, there will be stress and angst and we will all need to get focused on the positive things we can do to contribute toward recovery. Effort, Diligence and Efficiency should be our watchwords. It won't be a "take an Aspirin and call me in the morning" cure, but this isn't YOUR headache, it belongs to ALL of US.



OptiFant 70 / CityFant 60





SALES & RENTALS
Vacuum type street sweepers
Different models from 2.2 m³ to 10 m³
USED SWEEPERS IN STOCK



CityCat 5000 / CityCat 2020 XL



Accessories Machinery Limited
www.aolaml.com

1-800-461-1979

On the cover:

air compressors are used to test the creep in tension of the concrete casing surrounding the nuclear reactor at the Cattenom Nuclear Power Plant in Lorraine, France.

Periodical tests ensure that there are no cracks in the surroundings of the reactor and that the concrete envelope will perform in the event of an accident with the reactor. (photo: Atlas Copco)

FIRSTONSITE ACQUIRES OPERATIONS IN EASTERN ONTARIO

FirstOnSite Restoration L.P. announced recently that it has acquired General Maintenance Contractors, the leading disaster restoration firm in Eastern Ontario with offices in Belleville, Kingston, Brockville, and Bancroft. The acquisition is part of FirstOnSite's strategy of building Canada's leading national provider of disaster restoration services. Terms of the transaction were not disclosed.

Since early 2007, FirstOnSite has acquired operations in Ontario, Quebec, British Columbia, Manitoba, New Brunswick, Prince Edward Island, Nova Scotia and Alberta. Including the original founding companies, this is FirstOnSite's 14th acquisition in the 22 months since its inception.

Including the newly acquired operations, FirstOnSite now has more than \$180 million in annual revenue and more than 1000 direct employees in 35 cities and towns across

Canada. FirstOnSite anticipates additional acquisitions as it continues to grow nationwide.

Source: FirstOnSite

ELLISDON COMPLETES CONSTRUCTION OF TRANSFORMATION AGO PROJECT

EllisDon Corporation has reached a pivotal milestone with the completion of world-renowned architect Frank Gehry's expansion of the Art Gallery of Ontario in Toronto. Adding 9000 m² and increasing art-viewing space by 47%, EllisDon completed the \$276 million Transformation AGO project with minimal disruption to the AGO. Working with intricate designs and respecting the history of existing structures during the Transformation AGO project provided EllisDon and their partners with an opportunity to demonstrate their strengths in construction innovation.

Some of the truly inspiring design features of the newly transformed AGO include: an elegant glass and Douglas-fir timber façade that spans 183 m; a new titanium and glass-faced five-story south wing overlooking Grange Park; and a sculptural staircase scaling the heights of the dramatic new south tower. Taking Frank Gehry's vision and turning it into reality presented unique construction opportunities and challenges for EllisDon.

Beginning with the construction of The National Gallery of Canada in Ottawa, finished almost twenty years ago to the day, Transformation AGO is the latest in a long line of cultural projects completed in Canada by EllisDon. Other cultural projects include Roy Thompson Hall and the Princess of Wales Theatre in Toronto, and the Esplanade in Alberta.

Source: EllisDon Corporation

A SOLAR GROVE™ IS PLANTED TO CULTIVATE CLEAN ENERGY AND SHADE

Clean Power Systems, Envision Solar, Inc. and Kyocera Solar, Inc. announced recently that the companies have supplied St. Mary Medical Center with a Solar Grove™, an array of three "Solar Rows™" that converts a 104-vehicle parking lot into a 230 kW solar electric generating system. St. Mary Medical Center, known for its health and wellness programs, initiated the project to focus on a new type of healing experience, one that benefits the environment and its employees.

The Solar Grove™ is comprised of custom steel frame shade structures that support a canopy of 1150 Kyocera KC 200GT photovoltaic modules. These "Solar Rows™" convert sunlight into clean energy. By transforming its



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

INTERNET :
www.edfltd.com

E-MAIL :
info@edfltd.com

**BUCKETS
FOR LOADERS
& EXCAVATORS**

**QUICK-ATTACH
FOR LOADERS
& EXCAVATORS**

**MATERIAL HANDLING
FORKS
FOR LOADERS**

**30th
ANNIVERSARY**

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

parking area into a Solar Grove™, St. Mary Medical Center has taken an active role in reducing the amount of carbon dioxide and other greenhouse gases that it will emit into the atmosphere by offsetting the electrical load of the hospital. The Solar Grove™ has a peak rated output of about 333 400 kWh/y.

While most solar panels sit on a rooftop, the Solar Grove™ at St. Mary Medical Center utilizes a large open space on the property, its parking lot, to capture the region's ample sunlight so that the same panels that capture the sun will also offer shaded parking, a valuable commodity in the High Desert that will make employees a bit more comfortable when they re-enter their vehicles after working a shift at the hospital.

The Solar Grove™ structures, which add a sculptural landscape to parking lots, were designed by Envision Solar, the La Jolla, California-based firm that specializes in site integrated photovoltaic systems.

Source: Envision Solar, Inc.

GPS SUPPORTS SAFETY AND SECURITY FOR PIPELINE INSPECTION FIRM

Pipeline inspection firm Foothills Radiography has deployed SmartFleet GPS vehicle tracking to strengthen safety and security for their workforce and mobile assets in the Alberta oilpatch. The technology was installed on their mobile industrial x-ray units that use gamma radiation to take detailed x-rays of pipelines.

"Our firm is committed to improving safety and security control measures whenever possible," said Foothills Radiography owner Tom Como. "SmartFleet provides us with instantaneous data to manage speeding in our workforce and security of mobile assets. In turn, it has helped us to enhance and verify a safe, secure driving culture."

SmartFleet is a GPS tracking system that integrates a vehicle-mounted GPS device that captures vehicle data and location and then communicates that data wirelessly in real time to desktop computers at Foothills Radiography. The system provides peace of mind through 24/7 visibility and situational awareness of their vehicles in the field. Users know instantly if one of their rules – like speeding or a geo-zone (digital boundary around the asset) – is broken.

In addition to safety and security benefits, SmartFleet diagnostic interfaces track key performance indicators such as engine hours, idling, mileage and more. Milestone and threshold data are communicated to any

web-enabled device so that fleet managers can take immediate action to avoid potential problems and failures, or schedule maintenance only when it is required. Productivity reports that summarize important asset specific information provide the set of tools to ensure that managers have the information to support the efficient management of their mobile resources.

Source: Safefreight

MAXWELL SYSTEMS RELEASES AMERICAN CONTRACTOR 8.0

Maxwell Systems, Inc. announced recently the release of Maxwell Systems™ American Contractor™ 8.0. This version of Maxwell Systems' business management software solution for contractors features a new user interface and includes significant enhancements for improved productivity.

"We designed a new user interface for American Contractor 8.0 so the solution

AOM
TRACKS



BEST RUBBER TRACKS IN CANADA

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

4 affiliated warehouses & toll free numbers:

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

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

WHY PAY MORE? ...#1 in CANADA

would mimic the look and feel of Microsoft Outlook,” said Jim Flynn, president and CEO, Maxwell Systems. “By incorporating a popular visual and navigational style that our customers can relate to and understand, we have further improved the usability of our software for our 15 000 American Contractor users as well as for future customers who will more quickly learn the software. Doing so provides significant value to our customers who will be able to better speed workflow for improved productivity and operational efficiencies. This release has been highly anticipated by our customers and was a focus of much buzz and attention at the Maxwell Systems 2008 Annual Conference where they first viewed this new version of American Contractor.”

“Using American Contractor 8.0 helps me work with more efficiency and ease,” said Andy Daigneau, controller, Scherer Construction & Engineering of West Florida. “It is great doing research using American Contractor version 8.0, because the new interface makes navigation a breeze and I can easily view accounts, history, and reports without having to close other windows. Doing more in less time, that’s what business is about.”

Maxwell Systems American Contractor is a feature-rich, comprehensive business management software solution for the construction industry that helps companies achieve operational efficiencies, cost reductions, and increased profits. American Contractor’s versatility makes it the right fit for any size construction or service business, and robust estimating capabilities – from digital takeoff through invoice creation – help contractors manage projects more efficiently.

Source: Maxwell Systems, Inc.

DETROIT DIESEL REACHES BLUETEC SCR TESTING MILESTONE

Detroit Diesel Corporation announced recently that it has surpassed 7 000 000 miles of demonstrated testing on its BlueTec® Selective Catalytic Reduction (SCR) technology. BlueTec SCR was selected by Detroit Diesel

in 2005 to meet the upcoming stringent EPA 2010 emissions standards for heavy-duty trucks. BlueTec SCR represents the world’s latest in clean diesel engine technology.

BlueTec SCR will incorporate enhanced performance of Detroit Diesel’s recently introduced DD15™ and DD13™ engines, the

already proven ACRS™ common rail fuel system, a diesel particulate filter already in use today, as well as a new SCR NOx aftertreatment system that utilizes diesel exhaust fluid (DEF), commonly known as urea.

Detroit Diesel’s extensive validation testing is not complete. Its reliability test vehicle

A Complete Package Against Hazardous Vibrations

The European Union (EU) has moved to protect workers from dangerous vibrations caused by equipment or machines. The EU directive 2002/44EC requires all employers to be aware of, monitor and – if necessary – take steps to reduce the vibrations their employees are exposed to. If an employer can be shown to have neglected this duty, those affected are entitled to compensation.

The “eurocrats” in Brussels mean well with the operators of construction machines, forklift trucks and tractors. But even the best intentions cannot be put into practice unless the required technology is available. Grammer AG has developed a solution for capturing, analyzing and eliminating hazardous vibrations at workplaces, in the form of Movito D and Movito S. Next year, not only an improved vibration dosimeter but also a personal on-site service will be offered. Those who are unsure whether workplace vibrations are still within the acceptable range can then request Grammer’s specialists to precisely determine and analyze them.

This is an improved version of the technology that has so far been marketed under the name VibroControl. Its design and surface structure have been upgraded to make the device user-friendlier, and the software for capturing the data has been optimized.

The device is simply attached to the driver seat of a construction machine or tractor. It then continuously measures the vibrations to keep the user informed in realtime of any hazards.

The data is later transferred to a PC, documented in a clearly organized Excel spreadsheet, then saved and archived for future reference. Integrated trend LEDs tell the driver about the accumulated vibration load and whether or not it has reached a health-endangering level. Visual and audible alarms go off if the permissible limits are exceeded.

When the red LED lights up on Movito D, this shows the operator that he or she has already been subjected to excessive vibrations and that something needs to be done about it. Grammer will begin offering this optional service next year under the name Movito S. On request, specially trained Grammer staff travel to customer operations to perform further, standardized measurements.

The specialists look at all work routines on-site under actual usage conditions. All jolts and vibrations are taken into consideration; the data is transferred to a laptop and analyzed using special software. The results serve as the basis for a consulting session, so that the right steps can be taken to reduce the ascertained vibration loads.

Everyone benefits from this service for getting vibrations back into the green zone: drivers’ health is effectively and lastingly protected, while employers meet the requirements of the new EU regulations while also achieving greater cost-effectiveness by preventing downtimes, for instance those caused by illness-related absenteeism.

Source: Grammer AG



Looking for more details
on a company or a product
featured in the magazine?
Use the Links page on
www.infrastructures.com



ONE way.

THE MB BUCKET CRUSHER

THE ONLY CHOICE FOR A BETTER JOB.

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

THE MB BUCKET CRUSHER

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



MB
THE CRUSHING EVOLUTION

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

fleet is expanding monthly and will continue to log millions of miles prior to production launch in January 2010. Detroit Diesel has also conducted several rounds of vehicle validation testing under extreme operating and environmental conditions that may be experienced by the end-user, such as below-zero winter conditions in northern climates, as well as temperatures above 50°C in the desert regions of Arizona, Nevada and California.

Since adapting the technology in early 2005, Daimler has delivered more than 200 000 trucks and buses around the world utilizing BlueTec SCR. Daimler's knowledge of SCR is based upon its experience with a wide variety of truck and engine ratings, applications and domicile markets. Daimler can truly be considered a pioneer in the advancement of SCR worldwide. While European emissions regulations are generally less stringent than EPA levels, we are seeing the European market adopt SCR technology as the overwhelming choice because of the improvement in fuel economy and resale values for SCR vehicles.

Daimler's BlueTec System is modular and will be adaptable for use in vocational applications, buses and RVs, as well as hybrids and biodiesel powered trucks. .

Source: Detroit Diesel Corporation

NAVISTAR REORGANIZES TRUCK BUSINESS

To propel momentum of its business strategy around customers, products and growth opportunities, Navistar will organize its truck segment into four business units: North American Truck Operations, Global Truck Operations, Global Bus Operations and Navistar Defense.

Customers in Navistar's core markets in North America will be served by a team with a singular focus on products, operations and sales for the U.S., Canada and Mexico. An array of new, innovative and fuel efficient products are setting new standards in the industry – from the International® ProStar™ and LoneStar® long-haul trucks to diesel hybrid medium trucks – and more innovations are coming.

Source: Navistar International Corporation

You will find even more
news of the industry on
www.infrastructures.com

Retrofit System for Emission Reduction for Volvo Engines

Volvo Construction Equipment has entered into a strategic partnership with HUSS, LLC, a leading specialist in diesel particle filtration and systems for exhaust aftertreatment, to provide retrofit systems for Volvo construction equipment that will significantly reduce exhaust emissions... and make the air we breathe cleaner.

The partnership is based on an agreement between Volvo headquarters in Sweden and HUSS headquarters in Switzerland which will make the HUSS systems also available for Volvo Trucks, Mack Trucks, Volvo Penta, and Volvo Bus engine retrofit applications on a global basis.

The HUSS system is verified to meet California's CARB Level 3 requirements (minimum 85% particulate collection), and Volvo equipment owners using the system will be able to meet the "In-Use Off-Road Diesel Vehicle Regulation", New York Local Law 77 and future pending legislation.

The HUSS retrofit system for Volvo equipment is capable of collecting up to 99% of diesel particulate matter (PM) emissions, substantially exceeding the CARB requirements. Volvo CE will begin its engine retrofit program immediately, utilizing the HUSS MK exhaust aftertreatment system. Active filter regeneration, through an integrated fuel burner system, typically takes place after approximately 8 to 10 operating hours and is completed in 5 to 35 minutes. Engine exhaust backpressure is set to Volvo requirements. In addition to the reduction of PM, there is no increase of NO₂ or other secondary emissions.

The HUSS technology is also adaptable to high-horsepower equipment (up to 700 hp) providing reliable double-filter installations. Applications of the HUSS systems include construction and mining equipment, industrial and refuse trucks, transit and school buses, heavy-duty on-highway vehicles and stationary generator sets.

Volvo dealers will be able to guide their customers through the selection of the proper retrofit system, following expert evaluation of machine application and duty cycle.

Source: Volvo Construction Equipment



New Volvo Penta Full Service Dealer for the Toronto Area

Simson Maxwell, distributor for Volvo Penta Industrial Engines for Ontario, Alberta and British Columbia is proud to appoint Central Diesel Service Inc. as a full service dealer for the Toronto area.

The level of experience and technical ability offered by Central Diesel Services since 1983, means that they are resolute in maintaining the high levels of professional service and technical support their customers have been accustomed to.

Central Diesel Service can be reached at (905) 564-9444, for all your Volvo Penta industrial engine needs.

Source: Simson Maxwell



IPD Rolls Out New Gasket Sets for the Caterpillar® C18

IPD is presenting a new line of the company's innovative 'IPD 1-2-3™ Gasket Sets' designed exclusively for Caterpillar® C18 engines. This pioneering system of gasket groups makes the engine rebuild job easier, faster, and more accurate for the technician as opposed to ordering each piece separately.

According to Bob Straw, IPD vice president, Sales & Marketing, "This is a significant product development for IPD. It is our first entrance into this important engine range and offers the industry the first complete gasket sets. Previously, mechanics or parts personnel would have to list and order each individual gasket and seal when rebuilding these engines. We have now conveniently packaged these into the unique IPD 1-2-3™ system."

These new gasket sets for the C18 series mirror the success that IPD has already had in offering complete gaskets groups for a wide range of Caterpillar® engines. Complete gasket sets provide labor and time sav-

ings, ensuring the all parts are provided as needed for rebuilds. When working in remote locations such as a ship or in a mine, a mechanic may not have access to all the parts needed to perform the work, thus having a complete IPD gasket kit can save a disaster from occurring.

Mr. Straw adds, "IPD has been in the forefront of innovations for many years in the heavy duty aftermarket. Being the first company to offer complete, quality gasket sets for the C18 engine range further shows our commitment to our distributors, engine rebuilders and engine owner customers."

IPD has been manufacturing high quality

diesel and natural gas components since 1955 and is ISO9001:2000 certified. IPD is a



business unit of Storm Industries Inc.

Source: IPD

Caterpillar® and CAT® are registered trademarks of Caterpillar, Inc.



PowerTrainSAVERS®

**Power Train Saver
is sized for all
trucks & equipment!**

**Installs easily into
any drive-shaft system!**

**Torque Fuses® range from
2,000 ft/lbs to 45,000 ft/lbs
of shear force,
protecting all drive shafts,
gears & axles from
over-torque damage!**

**1-866-654-2800 or (403) 654-2800
www.powertrainsavers.com**

**PROTECT YOUR
COMPLETE DRIVE TRAIN
FROM
OVER-TORQUE DAMAGE!**



Mobile, Versatile and Ready-to-Roll Rental Power from Cummins Power Generation

Two new containerized and fully mobile Rental Power units are now available from Cummins Power Generation that create new power alternatives with not just one, but two generator sets, in a single sound-attenuated enclosure for jobs requiring 800 kW to 2 MW of power.

The new Rental Power C1600D6RG 1600 kW (two 800 kW generator sets) and C2000D6RG 2 MW (two 1000 kW generator sets) models offer more capabilities for customers. "These new dual unit platforms offer some unique advantages," said Larry Fetting, North America general manager, Cummins Power Generation Rental Business.

"First, for prime power critical loads the 100% redundancy gives you the versatility in providing power with one unit while the other is being serviced," Mr. Fetting explained. "Second, the configuration provides higher starting capacity, excellent fuel economy and a surprising cost-per-kilowatt value. And

third, using two Cummins Power Generation platforms creates a unique opportunity for users to save time and money on training, parts, support and service."

Lee Ann Duvall, product manager for the Rental Business of Cummins Power Generation, added that the savings are "due in large part to the pre-integrated approach taken on product development at Cummins Power Generation, which means that all our products – whether 800 kW or 2 MW – are designed similarly and allow for the easy interchange of parts and service knowledge between units."



A temperature tolerant cooling system is also part of each system, and is designed to handle temperatures up to 50°C. In extreme

operating conditions characterized by high heat, the cooling package enables the generator set to continue to operate at maximum load, which is critical to ensuring constant, uninterrupted power in temperatures over 32°C.

The new units also offer impressive operability when commissioned to environmentally sensitive areas, with dual-wall fuel tanks and 110% fluid containment to ensure protection against fuel spills. The units also meet Tier 2 emission requirements and contain an access ladder, which provides additional safety and convenience with the unit.

All Rental Power units include a control and generator set with Cummins components such as an engine and alternator. Industry-leading PowerCommand® controls – only available from Cummins Power Generation – are part of the new systems for performance and reliability. "Our products are designed to work together and backed by Cummins Power Generation's vast distributor network for service and support, which gives our customers added peace of mind," Larry Fetting said.

Cummins Power Generation is an international supplier of Rental Power systems from 35 kW to 2 MW for prime, emergency, standby, peak shaving and distributed generation applications. Industries served include construction, data centers, entertainment, government, health care, hospitality, institutional, manufacturing, media, mining, oil and gas, retail, services, telecommunications, utilities and more.

Source: Cummins Power Generation

John Deere Power Systems at Power-Gen International

John Deere Power Systems displayed six of its diesel engines at the Power-Gen International 2008 show, held in Orlando Florida last December. The Tier 3 PowerTech™ Plus 6.8L and 13.5L and PowerTech E 4.5L and 9.0L were at the show, as well as the PowerTech 3.0L and the Tier 2 PowerTech 6.8L marine engine.

The PowerTech E 4.5L and 9.0L engines are recent additions to the John Deere lineup of 60-Hz gen-set engines. While these lower-cost models offer Tier 3 emissions compliance, they also provide an alternative for customers in regions where low sulfur fuels are not mandated.

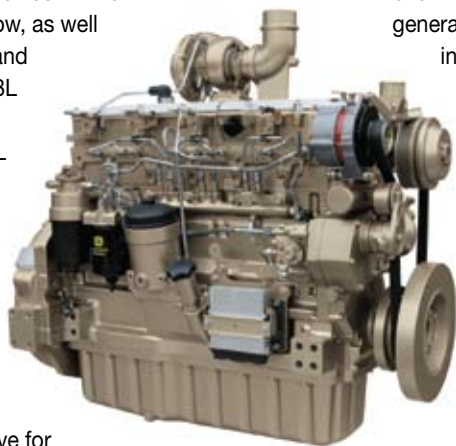
"Gen-set customers have a broad range of options to choose from with the full lineup of John Deere generator-drive engines," said Doug Laudick, manager of product planning for JDPS. "John Deere engines – with their

many choices of displacement, power and level of technology – allow customers to select the model that is just right for their generator application."

The full lineup of John Deere generator-drive engines includes non-emissions certified; European Union Stage II; and U.S. Environmental Protection Agency Tier 1, 2, 3 and Interim Tier 4 models ranging from 2,4 l – 13,5 l of displacement and covering gen-set ratings from 32 kVA – 513 kVA.

John Deere Power Systems manufactures and markets 40 hp to 600 hp industrial diesel engines and 75 hp to 610 hp marine diesel engines, as well as drivetrain components for use in a variety of off-highway applications.

Source: John Deere Power Systems



CanWEA Applauds Announcement of Canada's Largest Wind Farm

The Canadian Wind Energy Association (CanWEA) congratulated Manitoba Hydro and the Manitoba Government on news of the acceptance of a proposal by St. Joseph Wind Farm Inc. to develop Canada's largest single wind farm near Letellier in southern Manitoba. The wind farm, which is expected to begin operating as early as 2011, will feature 130 turbines producing 300 MW of electricity.

"This announcement confirms what we have been advocating for some time – that wind energy is competitively priced and able to make a major contribution to both the economic and environmental portfolios," said Robert Hornung, CanWEA president. "CanWEA and its members look forward to working with the government and Manitoba Hydro to develop even more clean power as the province aims to reach its goal of developing 1000 MW of wind energy by 2016. We are hopeful the government and Manitoba Hydro will shortly announce the timelines for processes to procure the remaining 700 MW

of wind."

The St. Joseph Wind Farm project will deliver significant economic benefits to rural Manitoba, including \$300 million in operational expenditures, \$70 million in local landholder payments, and \$198 million in provincial and municipal revenues over the life of the project. In terms of environmental benefits, the wind farm will displace 800 000 t of greenhouse gas emissions each year, the equivalent of taking 145 000 cars off the road.

This reflects the economic and environmental opportunity that wind represents across Canada, said Mr. Hornung. Canada's wind industry goal of meeting 20% of the country's electricity needs with wind energy by the year 2025 will generate \$79 billion in new investments and create more than



52 000 new jobs, mostly in rural areas. Wind Vision 2025 – Powering Canada's Future, argues that Canada has the potential to make wind energy the country's next great economic and environmental opportunity.

Wind currently supplies about 1% of Canada's electricity demand, with 85 wind farms representing approximately 2500 MW of generating capacity to be in place by the end of this year.

Source: The Canadian Wind Energy Association (CanWEA)

Hybrid Ancillary Power Units with Energy Storage System

A123Systems, a developer and manufacturer of advanced Nanophosphate™ lithium-ion batteries and battery systems, announced the delivery and installation of its first Hybrid Ancillary Power Units (H-APU) with AES Energy Storage, LLC, a subsidiary of The AES Corporation, one of the world's largest global power companies. The H-APU is designed to create another way for AES' existing facilities to meet the power industry's need for capacity, by supplying power plant reserve requirements and other ancillary services which enable the increasing use of renewable energy sources.

A123 is under contract to provide multiple Hybrid Ancillary Power Units in 2008 and 2009 for use in grid stabilization applications in several AES facilities across the world. The initial unit, installed at one of AES's Southern California power plants, is capable of delivering 2 MW of power at close to 90% efficiency.

The Hybrid Ancillary Power Unit energy storage system can serve two functions. First, A123's H-APU will absorb (charge) energy from the grid during times when the

frequency or voltage is too high and inject (discharge) that energy back to the grid when it is too low.

A123's H-APU is expected to allow greater use of variable sources of energy such as wind and solar by rapidly absorbing or injecting energy as these sources vary. The H-APU is expected to provide variable service much faster than existing power plants responding in seconds rather than minutes. And, because it is recycling energy already in the system, it will provide these services without unnecessary emissions.

Second, the Hybrid Ancillary Power Units are designed to provide backup services by storing energy until it is needed by the grid in the event of a power plant or other asset failure. In some markets, the portion of thermal power plant capacity normally reserved for



ancillary services to provide reserve capacity and frequency regulation services can be freed up to operate at a higher capacity and produce more electricity and associated revenue.

AES is working with industry leaders to selectively deploy energy storage solutions to improve the capacity, responsiveness, and efficiency of its existing thermal, renewable, and distribution facilities. Pending final approvals, the H-APU will be used to provide ancillary services for the California power market.

Source: A123Systems

Doosan Takes Dealers, Customers on Victory Lap

Doosan hosted 118 customers and dealers from the United States and Canada to be a part of its seventh annual Customer Appreciation Weekend and NASCAR Nextel Cup Race in Atlanta, Georgia, last October.

After gathering at The Ritz Carlton-Atlanta, guests were quickly whisked off to the Doosan Infracore America Corp. headquarters in Suwanee, to get a tour of the 16 700 m² facility to see first hand the training center, North American parts distribution area and where Doosan management and support staff call their home away from home.

After the tours, it was on the bus and southbound for downtown Atlanta and back to the Ritz for a cocktail party and dinner. During dinner, Carl Arsenault, president of Paul Equipment of Balmoral, New Brunswick, was named 2008 Doosan Demo Challenge Sales winner, with a total of 29 demos leading to 18 demo conversion sales in less than 6 months.



During 2008, Doosan held a North American sales campaign called the Doosan Demo Challenge. This was a program designed so any existing or potential customer anywhere in North America could visit their nearest participating Doosan dealer and set up a free Doosan product demonstration.

Customers who took a free demo challenge were entered to win a one day Basic Oval class at the Fast Track High Performance Driving School (the official driving school of ARCA - the Automobile Racing Club of America).

Larry Camp of Camp & Associates Inc., a NASCAR marketing firm based in North Carolina, was the keynote speaker during dinner. He provided some interesting insight into the realm of auto racing but focused his speech on overcoming tough economic conditions.

"I could talk racing all night long, but these are some tough times right now, and during tough times you need something to speak to

you," Mr. Camp said.

He provided some of his favorite dynamic quotes gathered from other sources on how to react during tough times. He summed it all up by saying, "Tough times don't last, tough people do."

Early Sunday morning (a little too early for some) it was back on the buses for a trip south of Atlanta to Hampton, home of the Atlanta Motor Speedway for the Pep Boys Auto 500. Special guest Denny Hamlin, driver of the Joe Gibbs Racing No. 11 FedEx Toyota dropped by the suites to spend some time with the Doosan crowd.

Atlanta Motor Speedway tour guides kept the Doosan groups flowing through the pit area and gave them the inside scoop on what goes on in the garage and in the pits during a NASCAR Nextel Cup race and the intense preparation and inspections that take place on each and every car prior to running 500 miles (800 km) on a 2,5 km quad oval track.

The true Joe Gibbs Racing fans waited patiently for their photo ops as the trio of Toyotas – Tony Stewart's No. 14 Mobil 1, Kyle Busch's No. 18 M&Ms car and Denny Hamlin's No. 11 FedEx car – were pushed from the garage area to pit road in a close time frame.

Afterwards, everyone made the trek back to the luxury suites high atop turn three of Atlanta Motor Speedway to watch the start of the race on one of the fastest tracks on the NASCAR circuit.

After meeting Denny Hamlin before the race, he quickly became a fan favorite of the Doosan guests who delighted in seeing him with a very comfortable lead and "checking out" with 30 laps to go. But with three cautions coming out during the last 30 laps, eventual winner Carl Edwards and Jimmie

Johnson were able to slip past the No. 11 FedEx Toyota, dropping Denny Hamlin to third place. Even still, it was his best finish at



Atlanta Motor Speedway.

This was the last of three customer appreciation/race weekend events held by Doosan in 2008.

"The customer appreciation events are our way of saying thank you to so many of our dedicated Doosan customers. We try to incorporate the excitement of the NASCAR environment with a relationship building opportunity for our dealers and their customers.



Our customers and dealers are the key to our success, and each year we look forward to these weekends to let them know how much we appreciate them," said Michael Stanley, president and COO of Doosan Infracore America, Construction Equipment Division

Source: Doosan Infracore America

Transport Companies' Drive to Reduce Fuel Consumption



For a second year in a row, FPIInnovations – Feric and Robert Transport would like to announce very promising results for the Energotest 2008 campaign, conducted as part of the PIT (Project Innovation Transport) program, in conjunction with Robert Transport. The objective of this series of tests was to provide specific information on technological solutions for reducing fuel consumption and greenhouse gas (GHG) emissions caused by road transport.

Today's economic turmoil and financial challenges have sparked a great interest among transport companies for solutions that can reduce fuel consumption and fleet operating costs. FPIInnovations – Feric and Robert

Transport, in collaboration with the Ministère des Transports du Québec, the Agence de l'efficacité énergétique du Québec, Transport Canada and Natural Resources Canada, assembled the fleets of SLH, Bison, Hervé Lemieux, Bourassa and SAQ to test a dozen technologies aimed at improving energy efficiency and lowering GHG emissions in the trucking industry.

The Energotest campaign made it possible to obtain reliable data on the performance of 12 technologies and various practices chosen by PIT members. Aerodynamic accessories once again performed well and achieved fuel economies over 7%. The importance in the way an accessory is installed was also

pointed out. The same accessory installed properly could see its fuel economy performance jump from 0% to 7,5%.

"The current economic situation and the environmental challenges we face have forced transport companies to find solutions for improving their energy efficiency and boosting their competitiveness," said Yves Provencher, Business Development Director at FPIInnovations – Feric. "With an activity such as Energotest 2008 and the PIT program, the trucking industry has the opportunity to get specific information on the return on investment of these technologies."

Source: FPIInnovations – Feric division

Manufacturer of
Demolition tools and
Drilling accessories,
here in Canada,
since 1985

**TRAMAC
ALLIED
STANLEY
N.P.K.
RAMMER
FURUKAWA
TELEDYNE
OKADA
MELROE-BOBCAT**

COME SEE US
INTERMAT
In PARIS • April 23 - 25, 2009

GeoRocFor
ACCESSORIES INC.

(819) 569-4207

www.georocfor.com
rogers@georocfor.ca

105 Joseph-Robertson, Sherbrooke, QC J1L 2W7

Eddynet

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

Leasing Available

COME VISIT US AT
EXPO
SPACES TRUCKS
MONTREAL OLYMPIC STADIUM
APRIL 3 - 4, 2009

**Manufacturing
Sales
Service**

Luc Brunelle, 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

Things Are Heating-Up at Niveltex

It is possible to see a completely renewed website. It now includes testimonials of niveltex grid users. Those users came from



by using the Niveltex grid over manual labor. Finally, the possibility to run on smooth road is not out of reach in Quebec...



winter time. The service center of the Ministry of Transport in Ormstown, Quebec, have now integrated the Niveltex grid among their



three different activity areas: golf sites, for modeling and maintenance; landscaping; and asphalt repair.

Recently in Sherbrooke, Niveltex demonstrated the grid's possibilities in asphalt repair. They spread and rolled 5 tons of asphalt over a 3 m x 20 m area in 17 minutes. This showed the enormous cost saving possibilities offered

Niveltex now offers a new grid format of 1,67 m x 0,91 m, and a new three-points hitch to attach the grid to an agricultural tractor.

There is also a new grid especially designed for road shoulder maintenance work. This model provides elimination of dirt and gravel ruts created by the snow plow during

favorite maintenance tools.

For now, Niveltex grids are available direct from the factory. However, an agreement has been signed with Suncoast Metal Works Inc., in Florida, for distribution in southeastern United States.

Source: Niveltex Canada Inc.

Graffiti Shield System

United Coatings recently introduced the Graffiti Shield system to the professional paint market. This graffiti defense system is designed to seal previously painted substrates, minimizing the effects of vandalism, by facilitating its removal. Featuring a highly durable clear coating and a spray-on cleaner, Graffiti

Shield is one of the most protective systems on the market.

"Part A" and "Part B" combine to become a water-based

product that can be cleaned from brushes and spray equipment with soap and water. It can then be applied to any new or existing solid vertical surface using a brush, roller or airless spray equipment. It is not

recommended for use on bare wood or ceramic tile.

The cleaner is sold separately and allows most stubborn graffiti to be removed with minimal effort, reducing the time and labor required for removing the unwanted marks. Combining supreme protection and high-strength cleaning capabilities, The Graffiti Shield System provides an ideal solution for removing graffiti and minimizing any damage it might cause.

Source: United Coatings



HydroSurge™ Cleaning Nozzle

Vector Manufacturing, the industry leader in sewer and catch basin cleaners, today introduced the Vector HydroSurge™ high performance cleaning nozzle for public utilities and professional contractors handling a variety of large pipe cleaning and maintenance applications.

Featuring an adjustable nozzle plate and water jet inserts with adjustable angles, the new HydroSurge nozzle provides unequalled traction and cleaning performance to handle the most stubborn blockages. The cleaning mode of 15 to 20° removes heavy deposits from the bottom of the pipe. The propulsion mode of 5 to 10° provides tremendous forward motion while effectively moving sand, silt and other debris back to the pipe opening.

Constructed of stainless steel for corrosion resistance and long service life, the HydroSurge features roll over bars, ceramic inserts, a unique hydro-force power system and an adjustable precision flow manifold. The nozzle is available in configurations of 6, 8, 10 or 12 water jets.

In addition to the new HydroSurge nozzle, Vector offers more than 20 genuine OEM nozzle products ranging from specialized nozzles for flushing and cleaning, to root, chain and milling cutters for heavy-duty applications.

Source: Federal Signal Corporation



Henry Introduces Elasto-Seal® CM100

Henry Company is introducing Elasto-Seal® CM100, a new fast curing, one component waterproofing compound as a cold alternative to hot applied rubberized waterproofing membrane systems.

"Elasto-Seal® CM100 provides the waterproofing contractor with an innovative and efficient alternative to hot applied rubberized waterproofing. It offers an excellent sustainable alternative to traditional hot applied waterproofing solutions and continues the trend towards new environmentally friendly construction products, which is accelerating at this time," said Tim Callahan, senior vice president, New Products Development. "We are excited that this and our other new technologies allow us to build buildings better."

The new Elasto-Seal® CM100 is a cold-applied fluid, moisture curing waterproofing



membrane. It is applied in a high build two-ply system or single ply application. The innovative membrane system cures through reaction with atmospheric moisture to provide a "heavy-duty" seamless, rubber-like impervious membrane. It has excellent adhesion to most construction surfaces and is easy to use in small, confined spaces or "hard-to-get-at" applications. It is easily applied with a squeegee or roller, and is designed for vertical or horizontal substrates. It also has the ability to build thickness and to be applied in several thick multi-coat layers in the same day.

While other cold-applied alternatives exist, most cold-applied systems contain a minimum of 10% solvents. Such products have noxious odors and are often flammable. They also can have a very slow cure rate and can be difficult to apply in multiple layers.

The new Elasto-Seal® CM100 formula is solvent free, with no offensive odors, very



low volatile chemicals, and a very fast cure (3 hours). It has a high solids content (97%), bonds to "green" concrete, and is non-flammable and non-hazardous.

Henry Elasto-Seal® CM100 meets ASTM C836 and has excellent limited warranties for single ply and high build systems.

Source: Henry Company

LIFT PROFITS



23 m to 39 m
telescopic range

VERSA-LIFT

One of the most indispensable pieces of equipment you'll ever use!

- Lifts materials, equipment and gravel,
- Offloads tearoff – no second handling!
- Fast setup. Easy to operate.
- Tow with your pickup – No CDL required!

GARLOCK™

EQUIPMENT COMPANY

1-888-774-5079

www.garlockequip.com



100 Years of Ammann Asphalt Mixing Plants



years, and the story continues today: as the development process moves forward, production processes are improved, output is increased and energy requirements are cut.

KEY DEVELOPMENTS

Mineral pitch (natural asphalt) has been



Ammann paver on site

were no longer able to cope. Dust was one major problem. Prince Albert I of Monaco met Dr. Ernest Guglielminetti during a medical conference. He asked him what could be done to control the dust stirred up by motor vehicles. "Since cars have been racing along our corniche, we've been breathing dust from



Macadam machine no. 20, circa 1920

Dust penetrates every crack and pore, it is difficult to breathe and there is dirt everywhere. With a few exceptions, this was the grim reality on the world's arterial roads at the start of the 20th century. But conditions started to change after a Swiss physician completed the first short section of road made from a mix of viscous tar and gravel in Monaco – and the asphalt road was born.

Ammann has been involved in the story from the very beginning of this new develop-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-



Macadam Plant, circa 1912



First continuous macadam machine, patent-registered / n 1909

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

ment. This family-owned company, based at Langenthal in Switzerland, acquired the patent for tarmacadam machines in 1908 and went on to produce the first continuous bal-

and even acquired the humorous nickname of “Dr. Goudron” (or Dr. Tar in French).

The next objective was to overcome the properties of raw tar which were damaging to health. Heinrich Aeberli, director of Roads for Zurich Canton, developed a process in which the tar-coated aggregate was kept warm for as long as possible before it was laid: this largely eliminated its health-damaging properties. Heinrich Aeberli obtained a German Reich patent for this process.

Until then, the Ammann company of Langenthal in Switzerland had mainly manufactured agricultural machines. Together with Mr. Aeberli, the firm then developed the first continuous-operation macadam machine, which was patented in 1908. The first trials with the tar coating were carried out on the Jurastrasse in Langenthal – and for many years afterwards, the popular name for the road linking the village centre and the rail station was the Macadam Road.

BREATHTAKING DEVELOPMENT – BUT RESOURCES ARE PROTECTED

The technical advances have been fantastic over the last hundred years. Cutting-edge software-based control technology makes today's asphalt mixing plants simple and efficient to operate. Tightening of the clean air regulations is reducing the emissions from the plants. The current focus is on the goal of raising the processed portion of reclaimed asphalt (RA) towards 100%.

The challenges of the future are as fascinating as they are ambitious: CO₂ emissions are being reduced still further. Ultramodern mixing processes will enhance production and encourage the use of low-temperature asphalt. The global demand for roads is still far from being met. At the same time, the challenge of maintaining highways that have already been built is growing apace. In these areas too, Ammann is the technology leader.

With more than 3000 asphalt mixing plants in operation across the globe, Ammann is the global market leader in the sector.

Ammann is a leading supplier of machines, systems and services to the construction industry with core expertise in asphalt and road building worldwide. Driven by an entrepreneurial spirit, the family-owned business founded in 1869 is now in the fifth generation. Even in difficult times Ammann is a reliable partner for long-term collaboration.

Source: Ammann

New Delivery Vehicle Helps Williamson Reach Contractors

Dan Stanton, sales manager of Williamson Equipment, an Ammann dealer since 2004, is pleased to announce the company's recent addition of a new supply and service cube van to its fleet. The van was purchased in September 2008 and it had Ammann advertising applied in October.

The decision to acquire the new vehicle grew out of a realization that there was a void when it came to providing delivery and on-site service to customers in the compaction business. “It was decided that a high visibility cube van was the best choice,” says the firm's general manager, Guy Williamson. “Cowan Graphics of Edmonton supplied us with a proof of the art work. We were so impressed with the proof we had the Ammann ‘vehicle wrap’ installed that week.”

“We are delivering more parts and clients are more prone to having service work completed at proper intervals. This means that they are less likely to run a piece at less than peak efficiency,” says Dan Stanton, sales manager at Williamson. “In addition, the relationship between Williamson and our clients is stronger than ever by the fact that we always have someone coming around. As more and more contractors' maintenance shops are too busy, we are picking up the overflow in small equipment service work. We are striving to become an irreplaceable component with our clients through extraordinary customer service and proactive initiatives such as this.”

The Williamson van is also being used extensively in customer demos as a way of introducing new Ammann products in the field and to showcase the ease of access that the equipment has for servicing. “For sure, the van maximizes the visibility of the Ammann and Williamson names in the community,” says Mr. Stanton.

Peter Price, Ammann area sales manager for Canada, applauds Williamson Equipment's initiative. “We congratulate Williamson Equipment on recognizing the opportunity in the marketplace and reaching out to their customers across the territory in order to help them maximize their uptime and overall productivity,” says Mr. Price.

Williamson Equipment specializes in the sales, rental and service of the full line of Ammann compaction equipment, ranging from 45 kg plate tampers right up to 30 t pneumatic tired rollers, for Northern Alberta, North West Territories, and Saskatchewan. Major customers are drawn from local contractors and municipalities within the company's territory.

Source: Ammann Canada



With more readers across Canada than any other trade magazine
InfraStructures offers the **widest** coverage in the business.

With readers involved in all aspects of the industry
InfraStructures offers the **deepest** coverage in the business.



Why settle for less? Go with the **best!**
 Choose **InfraStructures** for your next campaign.

Six Tower Cranes on the City Gate Project in Bucharest

Six Liebherr tower cranes, four Flat-Top units of the EC-B series and two series H fast-erecting cranes, are in action on the construction of the City Gate Project in Bucharest, the capital of Romania.

The modern and highly functional City Gate office complex is being built directly on the main link road between the city center of Bucharest and the Henry Coanda International Airport in a two-year construction period. Standing immediately next to the Casa Presei Libere (House of Freedom of the Press), the City Gate Towers, each 75 m high, will form the gateway to ROMEXPO, the trade fair center. Extensive surfaces for administrative and commercial premises will come into being at this prime location, the office building consisting of two striking towers of 18 stories each and a total office surface area of 36 000 m². Beneath the building complex, an underground car park on 3 levels will offer space for more than 1000 cars.

The City Gate project is being carried out by the Greek main contractors Technicaanon-ima Pantechniki, with an investment volume of more than 80 million € (\$138 million). The Rumanian construction company Bog'Art s.r.l. was charged with the implementation of the project.

Construction work was started in the summer of 2007 and involves the operation of three 110 EC-B 6 FR.tronic Flat-Top cranes, one 130 EC-B 6 FR.tronic Flat-Top crane, and two 32 H fast-erecting units.

This 6 tower cranes were delivered directly to Bucharest by the manufacturer Liebherr-Industrias Metálicas located in Pamplona. Thanks to the simplified "Connect and Work" assembly system, which Liebherr offers as standard for all Flat-Top cranes, assembly went ahead swiftly, steadily, and safely. The "Connect and Work" system consists of a completely pre-installed compact head element, quick-action fastenings for jibs and counter-jibs, and the patented LiConnect connection system. The new development LiConnect guarantees the rapid and positive interlocking connection of the jib elements by means of centring bolts.

The Flat-Top cranes were mounted on foundation anchors, and with the aid of the climbing equipment rose to hook heights of 91,5 m and 101,6 m. To achieve the planned hook heights, use was made of the 120 HC tower system. This flexible tower system, with



its 5 m tower sections, is extremely adaptable. Thanks to the modular structure of the Liebherr tower cranes, this tower system can be used on all Flat-Top cranes from 90 mt to 130 mt.

The stepless drive systems prove particu-

larly impressive when lifting loads up to 6 t, which can be positioned with absolute precision. The 2-fall operation and the high lifting speeds mean that high handling performance is guaranteed.

Source: Liebherr

Recovered: 2008 Volvo G960 and G940

A client called Boomerang Tracking to report the theft of their two 2008 Volvo G900 series graders, valued at approximately \$300 000 each. In addition, only one of them was equipped with a Boomerang recovery device. The last time the graders were seen, they were parked at the city's public work yard.

The tracking team was immediately dispatched and received a signal behind a series of garage doors in a nearby warehouse. They proceeded to contact the local police who arrived shortly thereafter to recover the machinery. Both graders were found together.

Needless to say, the client was very happy to have his machines back and working on the site!

While construction site theft is not the most common type, it weighs heavily on the industry as one of the most costly, with annual insurance claims representing more than \$46 million. Construction theft losses not only mean increased overhead, operating, security and insurance costs, but also scheduling hurdles and lost man-hours of production. By equipping their equipments with a Boomerang Tracking device, contractors are benefiting from maximum protection and peace of mind!

Source: Boomerang



A New Breath in Eastern Canada for Dynapac

In 2009, Dynapac Canada is proud to announce a New Dealers association for Eastern Canada.

J.A. Larue will be looking at our Quebec based customers. J.A. Larue is an outstanding customer service reputation. In New Brunswick our new team mate is Selco Equipment who is also well known in the Province.

In Nova Scotia and Prince Edward Island, Wilson Equipment, our dealer for close to 20 years, will continue a strong representation for the Dynapac products.

Not the least is Stone Valley Equipment, located in Newfoundland, that will represent our line and support our equipment.

Whether it is a soil, asphalt compactors, planers or pavers, our new Team will promote, offer and support Dynapac Equipment.

Source: Dynapac Canada



A devoted user of great compaction

You don't have to be an expert to appreciate the benefits of good compaction work. But to create perfect, long lasting roads, it takes many years of experience and advanced machine technology.

At Dynapac we put all of our knowledge and long experience into the development of high performance compaction, paving and concrete equipment. We offer an extensive range of large and small road construction machinery that are truly reliable, user friendly and flexible to your needs. We are present around the globe to support you with application expertise, training, service and spare parts.

Learn more about our troublefree road construction machinery at www.dynapac.com.

Schwing Introduces New S 32 X

Schwing America will show the newest addition to its line of truck mounted boom pumps, the S 32 X, at the upcoming World of Concrete exhibition in Las Vegas.

One of the best selling models in company history, the S 32 X has been updated starting with the torsion subframe, X outriggers and slewing gear bearing turntable. Sharing a common subframe with the S 31 XT and the S 34 X boom pumps gives the Schwing Group global flexibility and Schwing owners common parts. The four section Roll and Fold™ boom reaches 32 m vertically with 125 mm pipeline.



The standard pump kit on the new S 32 X is the fuel efficient 2025-5 120/80 MPS, providing 136 m³/h and 1233 psi at 23 strokes per minute. "The S 32 X pumps 13% more concrete with each stroke than competitive units" says Tom O'Malley, director of Marketing, National Accounts, and Product Development for Schwing America. "That translates to 13% less wear and 13% longer boom life."

Also standard on the S 32 X are Schwing's exclusive Vector™ controls, providing 2-way communication between pump and operator. Real time messaging makes trouble shooting fast and easy. Extensive operating data is displayed to help fleet managers and owners track maintenance and machine performance. Field proven frequency hopping radio ensures interference free and long range operation.

Complimenting Schwing's open loop hydraulics for worry free operation and continuous pumping, the S 32 X comes equipped with twin wall Super 3000 pipeline, carbide wear parts, night light kit, and the Big Rock for pumping the harshest mixes. Optional features include auto greasing systems, high pressure washer with wand, and water tank heater. Also available is Schwing's optional Green Shield Plus extended warranty with a total coverage of 36 months or 6000 hours.

Source: Schwing America

 Booth C5138



DYNAPAC

Part of the Atlas Copco Group

www.dynapac.com

Niagara Metals and Sennebogen - A Winning Combination

When Todd Levin established Niagara Metals on May 1, 2006, he had one simple goal: to be the area's lowest cost processor of scrap metal. Coming from a family of fourth-generation scrap metal handlers, he knew he would need reliable and dependable equipment to achieve this goal. Mr. Levin turned to Sennebogen and Lisa Blair at M&M Machinery for the reliability and service he knew would meet his needs.

Since then, Niagara Metals has become a major player in the local scrap metal business and Todd Levin says expansion of its operations is in the works.

"Our two Sennebogen 835 M material handlers have been an important part of our success," says Mr. Levin. "Their reliability, dependability and simplicity enable us to handle an unbelievable amount of scrap a month with a limited crew and a crane-mounted shear. For that kind of volume to happen, everything has to go efficiently 100% of the time. As a new company, my experience in this industry tells me that there's no way we can succeed and do what we do, unless our two material handlers are running an average of ten hours a day, six days a week. Reliability and uptime are key to our success. We can rely on our two 835 Ms to get the job done. One of the 835 M machines is fitted with a 170 cm magnet, while the other has a grapple."

A BUSY PLACE

Niagara Metals is on a 20 ha concrete pad. The scrap yard is located on the reclaimed site of a former electrode factory. During the day, the two Sennebogen machines are used to load trucks. The two rubber-tired 835 M models are ideal in terms of mobility. "If the machine is in the back of the yard and a truck rolls in that needs attention up front, the operator literally can be there in about three minutes," says Todd Levin.

In the evening, the two 835 Ms are used to load rail cars that are changed by the railroad at that time. Mr. Levin estimates that his business is the right mix of larger industrial accounts, demolition contractors, and local drive-in trade. It is a busy operation that cannot afford any downtime.

Computer-free machines and simplicity of service is what drew Todd Levin to Sennebogen. He recalls how changing parts on another manufacturer's computerized ma-

chines at his family's former scrap yard would often put them out of operation for the day and sometimes longer. "With the Sennebogen if something knocks it out, we are up and running in no time. Having that capability is terrific," says Todd Levin.

AN OFFICE AT THE TOP

The elevating cab on the 835 M allows for some unexpected multi-tasking. "One of the operators in our ferrous division is actually a working foreman. When he's sitting up in the elevating cab he can see what's going on across the whole yard. With his radio, he can do his job as a yard foreman while he's operating the material handler," says Mr. Levin. Operators appreciate the visibility the elevating cab offers them, and being able to sit behind a trailer and reach the front when loading it, thanks to the generous reach offered by the 835 M.

Lisa Blair of M&M Machinery is happy to share in Niagara's success. "When Todd purchased his first 835 M, we were a relatively new Sennebogen dealer. We knew what level of response would be required by a dealer and that has become our standard. We congratulate Todd Levin and his staff on their success and look forward to many more years of meeting their material handling equipment needs," she says.

A third Sennebogen 835 M equipped with a magnet is something Todd Levin foresees for Niagara Metals in the near future.

"Good things come in threes," he says.

Source: Sennebogen LLC



Operators like the generous reach and visibility offered by their 835 M units.



One of Niagara's Sennebogen 835 M machines is fitted with a 170 cm magnet, while the other has a grapple.



Niagara's two Sennebogen 835 Ms run an average of ten hours a day, six days a week – maximizing uptime and productivity for the busy scrap yard.

P.A.M. The Missing Link

Remove **MORE** concrete with **LESS** effort

CONCRETE
CONSTRUCTION
AWARD

WINNER
OF THE 2008

MIP

AWARD

COME SEE US AT

WORLD OF CONCRETE
2009

IN LAS VEGAS, NV U.S.A.
FEBRUARY 3 - 6, 2009
Booth #6 21020

Productivity gain (over 300%)
Eliminates wear & tear
Fast payback
Ideal for overhead & vertical
surface preparation



- Mount 15 lbs - 35 lbs chipping hammer, breaker, rivet buster, hydro-demo lances, rock drill and other various tools
- Water nozzle for dust control
- 4 functions controls on handles
- Operational sequence to prevent dead blows
- Designed to push the tool against the surface
- Rotation over 100° with locking feature
- Self-contained unit, no harmful emissions
- 1150 lbs weight (without hammer)
- U.S. Patent #US6 752221 B1
- Canadian Patent #2 415 330



SEE IT
IN ACTION ON
OUR WEBSITE

RNP

INDUSTRIES INC.

www.rnpind.com
Call Toll Free: 1-888-697-5355

The MB Crusher-Bucket Is Fit and Enlisted

Like with any selection process worth respecting, the MB crusher bucket also started its work from scratch to finally earn the ranks of General among U.S. Army equipment.

It all began at the Bauma 2007 trade fair in Munich, where Meccanica Breganzese presented a platoon of crusher buckets in camouflage uniform.

And who would have taken note of this equipment but those who have made technological resources their daily bread: the United States Army!

It is for this reason that today you can find the BF bucket crushers in the shipyards of the American army, always present and in good form, capably satisfying requirements of reliability and productivity in an ever-increasingly demanding, improvised market!

Below you can find an article from an important American newspaper which illustrates the potential and versatility of the MB crusher bucket in various types of work site jobs.

Who would have thought that a product which is so technologically advanced but which was born just a few short years ago would have been enlisted? Because that is exactly how the story went – the BF bucket crushers by MB Meccanica Breganzese, an Italian company with headquarters in Breganze, a small town in the province of Vicenza, has got the world talking. This company was started in 2001 and has not slowed down since, moving beyond world barriers to arrive at the doors of the American army .

The Project: construction of 1635 houses and renovation of over 443 more for military families. An extraordinary ambition for America and a dream for every company trying to win over the project. After years of fierce competition between sector companies in the area, the project was awarded to Giberson Plumbing & Excavating Inc., of Shamong, New Jersey.

Was there a specific reason they were awarded the project? Sure. Giberson Plumbing & Excavating Inc., uses BF buckets

crushers that are sold under the Eco-Crusher brand in the United States by Giberson Enterprise, and therefore were able to provide an ample fleet of machines on the front lines.

The machine's compactness, capability, compatibility and productivity have often been discussed, and this time the importance of these traits was demonstrated in this very significant acknowledgment, which has got not only the United States of America and the U.S. media talking, but the whole world! The project will be completed in 2011, reaching a total of 2084 houses.

Richard Giberson confirms that this project has given everyone a sense of immense pride, yet has also been quite difficult due to the many rigid laws and verification measures in place.

When Guido Azzolin, president of Meccan-

"To think that, we met MB at the CON-EXPO-CON/AGG 2005 in Las Vegas after having seen an ad saying that they would have a stand at the exhibition," says Richard Giberson. "From the moment we met Guido Azzolin and his collaborators, work began and the results were immediate. We knew



that we were investing our money and energy in something which would quickly reward us with its due payback."

"I just have to think of the fact, for example, that we had to hire 30 people in just a short time, for the sole purpose of answering enquiries on the bucket crusher," he adds.

Over some meetings last year in Bauma between Meccanica Breganzese and Giberson Enterprises, the decision was made to participate in some local trade fairs together. This experiment was tried out at the CONEXPO-CON/AGG this year where MB had a stand inside and a testing area outside with the collaboration of Giberson.

Year after year, MB has continued to receive more and more awards, its ambitions growing over time, as seen in the statement made by Guido Azzolin: "Today our product is even more spread out over the world and is becoming part of the standard equipment used by construction companies. Foreseeing demolition and recycling market dynamic needs is a way of giving body to our desire to grow and offer ideas to help make our clients' jobs simpler, faster and more productive, in full respect of the environment."

Source: Meccanica Breganzese



ica Breganzese, came to know of this extraordinary Giberson project, he immediately gave the importer a congratulatory call. "Having a dealer like Giberson," says Mr. Azzolin, "is a great source of pride for us. We were already aware that our product was highly technological, but who would have thought people would be talking so much about us? Who would have thought back in 2001 that the entire world media would be talking about our company, our highly innovative product – so innovative that it would one day be working for the American army?"

REMU Screening Bucket Is a Tool for Nurseries

Mark Collins, owner of the Evergreen nurseries in San Diego, California, has always thought of how to add more value for his customers. This means that his plants are propagated and grown on site. The selection



of plants is wide and shopping in his nurseries is fast. Evergreen nurseries also recycle pots and green waste to keep business ecological.

One of the latest reforms in Evergreen nurseries is adding the REMU screening bucket to the process of preparing amended topsoil. With the REMU bucket, composted green waste is mixed with sand and other ingredients. Simultaneously all the lumps still left in compost and all the stones from the

sand are separated.

Hunter Hayward, manager of the Spring Valley location of Evergreen nurseries, is very pleased with the way his REMU WL 160 screening bucket has helped their daily



work. "We have used the REMU bucket three months now and it has been very useful tool. Before using the REMU we just mixed the sand and compost with a traditional bulldozer and regular bucket but the quality of material was not too good. Now, with screening bucket we were able to do the job much quicker. In addition to that, the end product has been improved tremendously."

"This September, after using the REMU bucket for months, we had to go back to the

old fashioned way of mixing material scoop by scoop. Our regular tractor to which the screening bucket was attached, was out of order for a couple of weeks. Everyone noticed the difference in material right away and



started to ask what happened to quality of material. We just do not want to go back the old way again!" Mr. Hayward said. "When my distributor, Ed Roczey, heard of our situation, he volunteered to bring his own REMU to my yard. In a little less than an hour in a REMU less than half the size of mine he made enough topsoil to last me for days! Thank you Ed, and thanks to REMU!"

Source: REMU USA Inc.

A New Resource for Concrete Pump Owners and Buyers

A new service has been established for concrete pump owners and buyers. Construction Equipment Services (CES) has been established to provide knowledgeable appraisals and inspections for the construction industry. President Roger Anderson brings more than 33 years experience on both sides of the buying/selling transaction providing a valuable service for asset financing, management, purchase valuation and recovery value.



The company's inspection service can provide on-site valuation and verification of miles or hours and determine if damage or excessive wear exists prior to a purchase. As a former manager of several concrete pump and equipment manufacturers, Mr. Anderson brings a unique skill set to the industry. CES tailors their services to individual needs of owners and lenders.

Source: Construction Equipment Services

Wireless Air Command Now Available From Firestone

Firestone Industrial Products Company, LLC now offers Wireless Air Command™ – an air accessory system that provides an instant air source for Firestone's Ride-Rite™, Coil-Rite™, Sport-Rite™ and Level-Rite™ air helper springs using a wireless control box.



The new Wireless Air Command's modular configuration allows users to easily adjust Firestone air springs both side-to-side and front-to-rear to maintain ride quality during varying load capacities and road conditions. The system features 3 preset buttons that drivers can store for their most frequently used air pressure settings.

"The wireless system also allows for leveling outside the vehicle so drivers can increase or decrease air pressure up to 15 m away, while visually inspecting the vehicle's ride height and checking the air pressure inside the springs while the vehicle is loaded," explained Todd Green, regional sales manager, Firestone Industrial Products, Ride-Rite™ division.

Firestone's Wireless Air Command air accessory kit comes with the wireless control, standard duty air compressor (#9283), valve block, wiring harness, tubings and fittings. The manufacturer recommends mounting the valve block in a dry location, such as under the hood.

Source: Firestone Industrial Products Company, LLC

Next CONEXPO Russia Exhibition Set for May 2010

The Association of Equipment Manufacturers (AEM) and its member companies recently announced that the next CONEXPO Russia will be delayed until 2010 to allow the economy to improve, which will help generate even greater benefits for attendees, manufacturers and exhibitors.

The next CONEXPO Russia is now scheduled for May 19-22, 2010 so that companies can include CONEXPO Russia in their 2010 budgets. It will be held at the Transport-Exhibition Complex (TEC) next to the Zhukovsky Airport, Moscow, Russia.

Some of the companies already supporting and participating in the next CONEXPO Russia include Chetra, Caterpillar, Terex, JCB, Komatsu, Volvo and the Gaz Group.

The show will provide unique opportunities for attendees to speak with leading manufacturers and experts about the latest construction industry innovations, products and technology.

The TEC is a unique facility which will enhance the manufacturer equipment demonstration opportunities for attendees at CONEXPO Russia, thus providing attendees with a valuable hands-on educational experience. The show will also offer information on some of construction's most important business management issues, with internationally recognized experts covering topics such as high-tech applications, safe equipment operation, alternative fuels, alternative energy sources, and general management issues for efficiency.

CONEXPO Russia is directed by a management committee comprised of AEM member companies and exhibitors to ensure that the show provides the best return on investment for both exhibitors and attendees.

"The CONEXPO Russia management committee has wisely decided to look for the maximum benefits for attendees, manufacturers and exhibitors in the next show," said GAZ Group's Natalia Alexeeva, who is also chairman of the CONEXPO Russia Management Committee. "The decision to hold the next CONEXPO Russia in 2010 instead of in 2009 demonstrates our strong commitment to looking for the best way to offer a superior show experience in the most cost-efficient manner. Those involved in planning the next CONEXPO Russia see the greatest benefit resulting from this decision."

AEM, owner and organizer of CONEXPO Russia, is the North American-based international trade group representing the off-road equipment manufacturing industry.

Source: Association of Equipment Manufacturers

Appointment

Andreas Schwer has been appointed to the position of senior vice president of global engineering and innovation at **Manitowoc Cranes**. In this role, he is responsible for driving innovation within the cranes division and coordinating overall global engineering activities to further enhance Manitowoc's culture of innovation and new technology.

He will report to Eric Etchart, Manitowoc president and general manager.

Andreas Schwer is an accomplished engineering manager who most recently held the position of vice president of design and development at EADS Eurocopter. He has held leadership positions with several innovative organizations including Daimler Benz Aerospace, the European Space Agency and the Institute for Space Systems at the University of Stuttgart. He will be based in Europe, but will travel extensively in this newly created role.

Source: The Manitowoc Company



IUV Brings an Added Dimension to ICUEE 2009

The 2009 ICUEE - International Construction and Utility Equipment Exposition announces the co-location of an educational conference and exhibits pavilion targeting components for the industrial vehicle and mobile equipment markets.

The 2009 Industrial Utility Vehicle and Mobile Equipment Technology Conference will be held during the run of ICUEE 2009, with both events at the Kentucky Exposition Center in Louisville, Kentucky. ICUEE will be held October 6-8 and the IUV Technology Conference will be held October 7-8.

Source: ICUEE 2009 - International Construction and Utility Equipment Exposition

FOR SALE: NEW PLOW TRUCK

2008 STERLING LT9500 series, MBE4000 370 HP, Allison 4500RDS 6 speed automatic, 20,000 lbs front, 40,000 lbs rear, Interaxle lockout, all new LAROCHELLE snow & ice removal equipment: 14' U-shaped dump-spreader (front discharge spreading), 11' trip edge plow with quick hitch, 12' shelving wing system, pre-wet system (1,200 liters), electronic spreading control. Other features: piston pump, automatic lubrication system, etc). Contact Phil Larochelle Equipment at 418-522-8222

Contact Phil Larochelle Equipment Inc.

Phone : 418-522-8222
or visit www.larochelle.ca



ADVERTISING SPACE FOR RENT

Starting at \$2.²⁰/cm² per issue*

Download the 2009 media kit for
InfraStructures

on our website
www.infrastructures.com

* our smallest ads are only \$75 per issue

NATIONAL HEAVY EQUIPMENT SHOW[®]

TORONTO • ONTARIO • CANADA

MARCH 5 & 6, 2009



THE MEETING PLACE FOR CANADA'S HEAVY EQUIPMENT LEADERS

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

The Gravel Pit – Crushing – Processing – Recycling – Haulage

The Gravel Pit is the newest exciting feature added to the highly acclaimed NHES. This section of the International Centre will showcase the largest and most complete lines of equipment for the aggregate and roadbuilding industry, including crushers, rock screens, recyclers, excavators, drilling and so much more! Aggregates & Roadbuilding Magazine is delighted to be the official sponsor of the Gravel Pit. This industry leading publication will also publish the official show guide, show previews and reviews.

AGGREGATES & ROADBUILDING

BACKHOE RODEO

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

RENTAL EQUIPMENT PAVILION

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

Endorsed by:



Produced by:



SHOW HOURS

Thurs, March 5th • 9:00am - 8:00pm

Fri, March 6th • 9:00am - 5:00pm

BOOK YOUR SPACE TODAY!

Mark Cusack • mcusack@mpltd.ca

Rob Etmanski • retmanski@mpltd.ca

TOLL FREE 1-888-454-7469

WWW.NHES.CA





**Custom-built trailers
Repairs**

LAROCHE'S TRAILER

Parts ...listening to your needs

Phone: (819) 846-2622
2060 Route 222
St-Denis-de-Brompton, QC J0B 2P0
www.remorqueslaroche.com



MÉTAL SARTIGAN INC.

Rég. Licence #2893-0610-35

**Manufacturer of prefabricated
steel buildings (Bâti-Kit)**
AVAILABLE WIDTHS
24', 30', 36', 39', 48', 60', 72', 78', 90' & 99'
LENGTHS IN MULTIPLES OF 12'

Toll Free: 1-888-865-2284
FAX: (418) 228-1465
www.metal-sartigan.com

1000 40th Street West, Saint-Georges (Beauce), QC G5Y 6V2

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

Subscription

**Make changes or add your
colleagues to the mailing list**

Old Address

Name: _____

Company: _____

Address: _____

Province/Postal Code: _____

New Address

Name: _____

Title: _____

Company: _____

Address: _____

Province/Postal Code: _____

Phone: _____

Fax: _____

e-mail: _____

Agenda

- LogiCon 2009**
February 2 - 4, 2009
Brussels, Belgium
- World of Concrete**
February 2 - 6, 2009
Las Vegas, NV USA
- Concrete Sawing & Drilling Association - CSDA 2009 Convention**
March 3 - 7, 2009
Cancun, Mexico
- National Heavy Equipment Show**
March 5 - 6, 2009
Toronto, ON Canada
- World of Asphalt / AGG1 Aggregates Forum & Expo**
March 9 - 12, 2009
Orlando, FL USA
- Prairie Regional Trade Show - Canadian Rental Association**
March 14, 2009
Saskatoon, SK Canada
- 5th Annual Congress - Canadian Rental Association**
March 14, 2009
Saskatoon, SK Canada
- Quebexpo - Exposition de l'Association de location du Québec**
March 31 - April 1, 2009
Saint-Hyacinthe, QC Canada
- EXPO Grands Travaux**
April 3 - 4, 2009
Montreal, QC Canada
- ExpoCam 2009**
April 16 - 18, 2009
Montreal, QC Canada
- Intermat 2009**
April 20 - 25, 2009
Paris, France
- Building Fairs Brno**
April 21 - 25, 2009
Brno, Czech Republic
- APOM Technical Day**
May 8, 2009
Repentigny, QC Canada
- Truck & Bus World Forum & SOLUTRANS**
May 10 - 16, 2009
Lyon, France
- WasteTech 2009**
June 2 - 5, 2009
Moscow, Russia
- CTT Moscow 2009**
June 2 - 6, 2009
Moscow, Russia
- Hillhead 2009**
June 23 - 25, 2009
Buxton, UK
- CAM-Logique**
September 17 - 19, 2009
Montreal, QC Canada
- APOM Technical Day**
September 11, 2009
Trois-Rivières, QC Canada
- ICUEE - The International Construction & Utility Exposition**
October 6 - 8, 2009
Louisville, KY USA
- Bauma 2010**
April 19 - 25, 2010
Munich, Germany
- MASZBUD - Internationale Construction Equipment and Special
Vehicles Fair**
May 12 - 15, 2009
Kielce, Poland



INTERMAT

International Exhibition of Equipment,
Machinery and Techniques for the
Construction and Building Materials Industry

2009

From 20 to 25 April

PARIS-NORD EXHIBITION CENTRE - FRANCE

Building the future

1,500 exhibitors | **210,000** visitors | **2,000,000 sq.ft.** exhibition



Official sponsor of
comexposium

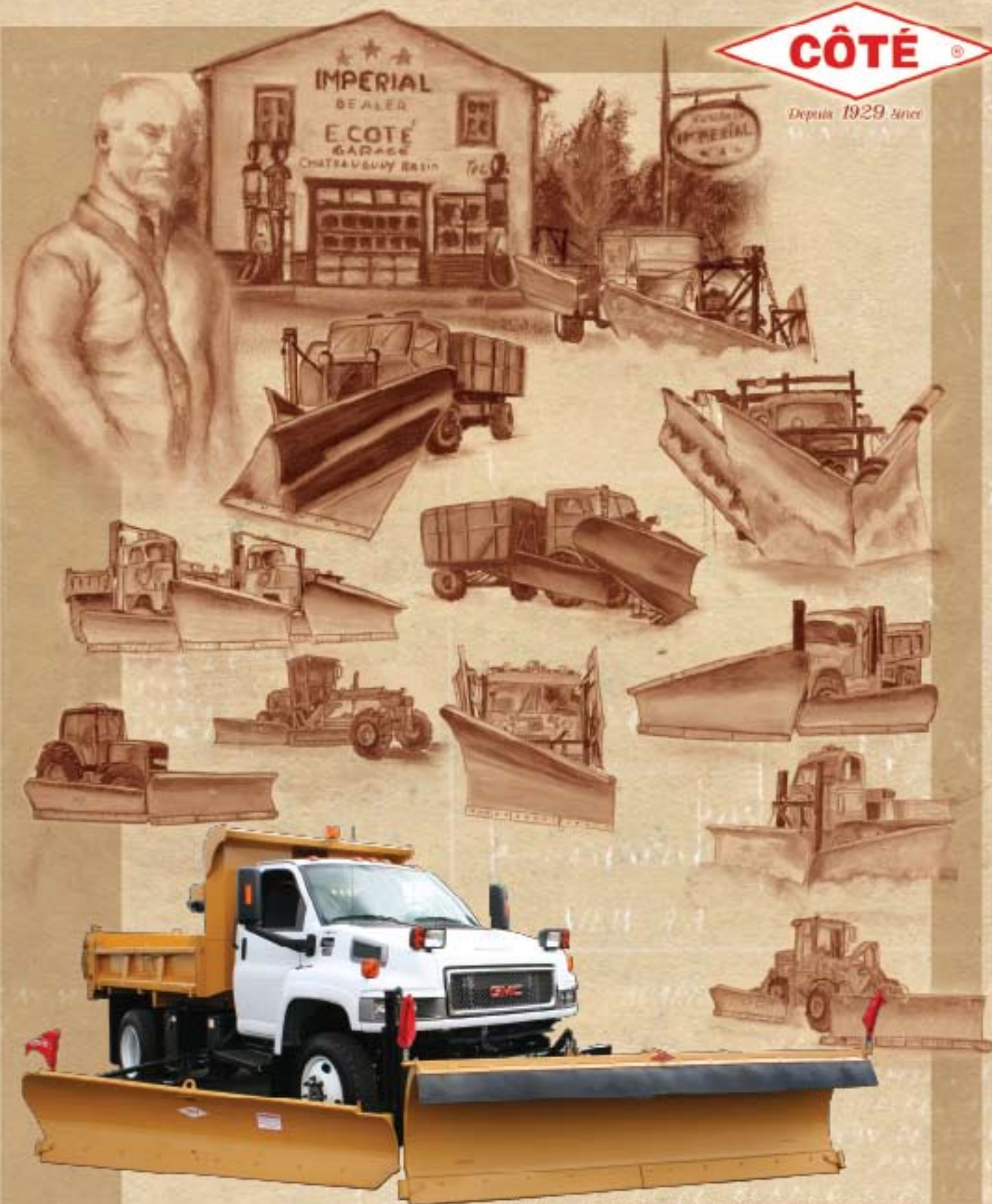
INTERMAT
c/o IMEX Management, Inc.
T: 704.365.0041 - F: 704.365.8426
E: Intermat@Imex.mgt.com

www.intermat.fr



CÔTÉ®

Depuis 1929 *Since*



Côté now offers Asphalt & 4 Season Bodies, Salt Spreaders, as well as Snow Plows on which the company's reputation has been built

Côté vous propose des bodies à asphalte et 4 saisons, épandeurs à sels, et en plus des chasse-neige qui ont fait la renommée de la compagnie

19 Côté - Mercier (Québec) - Canada - J6R 2B9 - Fax: (450) 691-2830 - E-mail: info@w-cote.com
Telephone: (450) 691-2967

www.w-cote.com