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A Brief Word...

Remember that song, "It Might As Well Rain Until September"?

Summer hasn't been that bad, though I have heard cottagers moaning. I haven't heard any contractors moaning about the weather, but with enclosed cabs and specialist kit, who really cares about it these days.

When it comes to specialist kit and equipment this issue of InfraStructures is packed with it, especially if like a mole, you enjoy getting under the turf.

Personally I prefer my turf with a bet riding on the horses, be assured there is no gambling when it comes to the insight, news and information you always find within our pages.

With that, time for a Womble, "Underground, over ground, Wombling free de do de da do...."

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On the cover:

Whether mud, gravel or snow, PRINOTH tracked utility vehicles are reliable tools for extreme use in extreme environments. Thanks to their huge payload, these vehicles can be equipped with a multitude of specialized attachments. PRINOTH's tracked utility vehicles exert very low pressure on the ground and go places where wheeled vehicles sink.

ESS APPOINTED BY TEREX TRUCKS TO DISTRIBUTE ARTICULATED AND RIGID DUMP TRUCKS IN ALBERTA

Edmonton-based heavy equipment supplier, Equipment Sales & Service Ltd. (ESS), has been appointed by Terex Trucks as the official distributor and service provider of articulated and rigid haulers in Alberta.

Founded in 1946, the family-owned business is one of Canada's oldest and most

established heavy equipment companies, as well as one of the largest national service providers. The Terex Trucks haulers will complement the company's current line of construction product offerings.

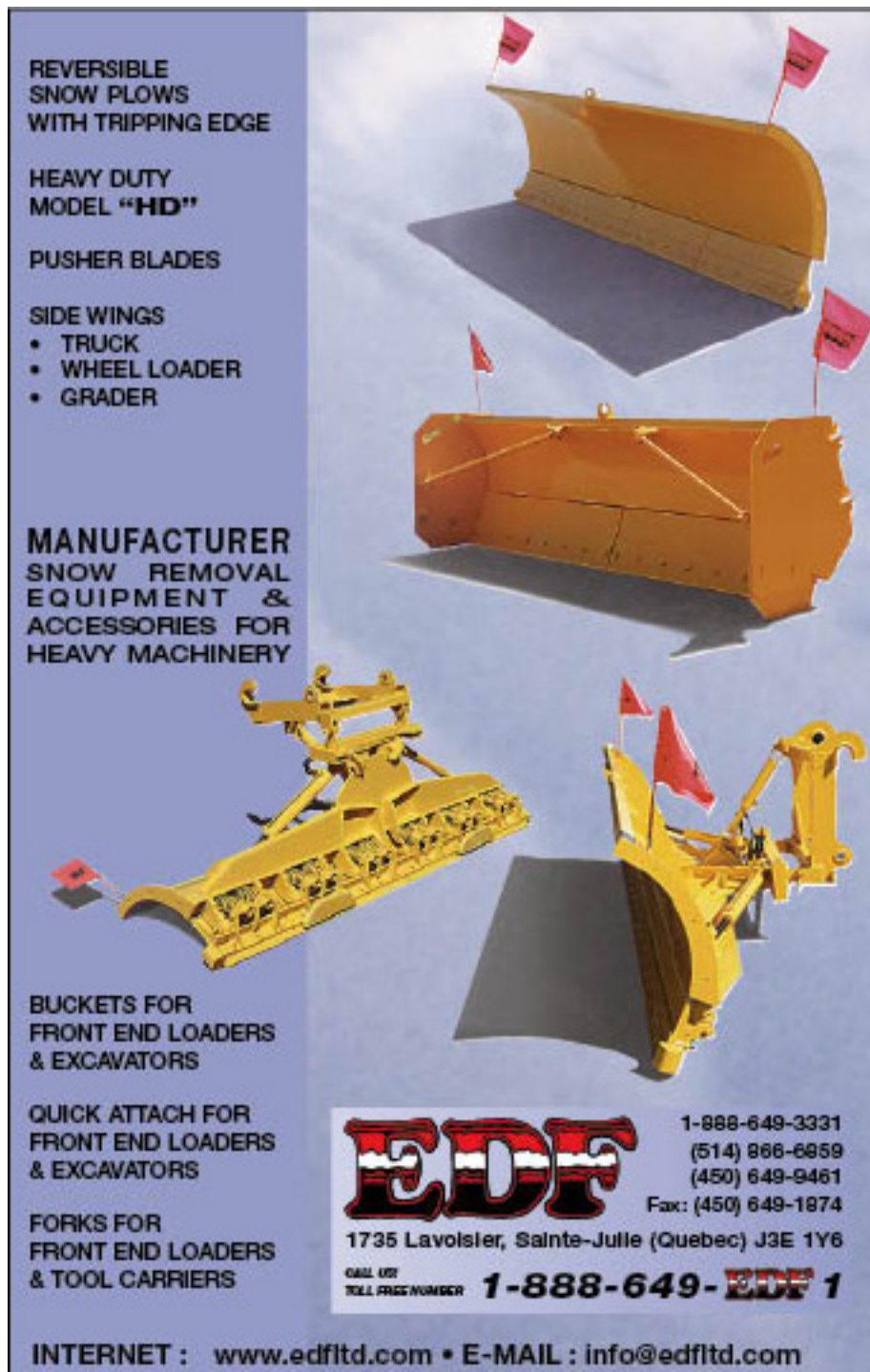
"We see Terex Trucks products as a great strategic fit, not only for our business but also for our customers," said Mike Smith, vice president and general manager at ESS. "We are excited to be adding the Terex Trucks hauler line to our Western

Canadian Division."

ESS is recognized as one of Canada's Best Managed Companies and has a strong reputation for sales and customer support, as well as aftermarket expertise.

"Alberta is an important market for us; traditionally the largest consumer of articulated dump trucks in North America," said Matt Deloglos, America's sales & marketing director at Terex Trucks. "ESS knows this market well and our customers will be delighted in the knowledge that they have ESS support. We're confident that the dealer will be a strong player in our North American dealer network."

Source: Terex Trucks



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FECON SIGNS SMS EQUIPMENT AS DEALER

SMS Equipment Inc. augmented its equipment offerings with the addition of heavy-duty, high-production products from mulching-industry leader Fecon. Established in 1992, Fecon manufactures a broad line of durable, purpose-built machines that fit a wide range of applications across four primary markets: vegetation management, environmental, oil and gas and construction.

Fecon is well-known for innovative and proven attachment technology, including its signature Bull Hog line that features several configurations for skid steers, PTO tractors and excavators. Traditional drum and innovative depth-control rotor systems are available to match individual users' clearing, right-of-way, pasture and wildlife restoration and other applications.

"High performance mulchers are used to clear as much acreage as possible in the shortest amount of time," said SMS West's Gary Brown, general manager, Construction Equipment Sales. "With Fecon units, customers can increase their production compared to traditional mulching heads. Bull Hog excavator attachments work well with Komatsu excavators for clearing trees, as do other Fecon attachments, such as its log-jaw wood splitter and tree shears."


Additional Fecon attachments include deck mowers, stump grinders and a line of Soil Hog mills. Soil Hog mills are available in either PTO or hydraulic models and can be used for soil conditioning, felling trees, loosening topsoil and additional tasks in forestry, agriculture and other applications.

Attachments can be mounted on practically any brand of equipment, including Fecon's own tracked and rubber-tired

mulching tractors. Fecon also makes tracked utility vehicles that cross all terrains with low ground pressure for forestry, drilling and spraying work and have bed plates to mount work equipment; biomass harvesters for chipping that can be customized for on or off-road vehicles; and portable orbit screens that separate materials.

"We are very proud to incorporate Fecon's line of equipment into our dealer solutions and we have already begun our partnership with all the staff at Fecon. Their products are an ideal complement to our current product offerings and we are eager to introduce this line of equipment into the Canadian marketplace" said Bruce Knight, president and CEO, SMS Equipment.

Source: Fecon, Inc.

 indoor 3504, N-2014

CARLETON ENGINEERING PROFESSOR RECEIVES THE 2015-2016 CISC UNIVERSITY RESEARCH GRANT

Carleton University's John Gales, assistant professor in the research-intensive Faculty of Engineering and Design has been awarded the 2015-2016 research grant from the Canadian Institute of Steel Construction (CISC). This grant will help fund his research entitled *Towards a Performance Based Fire Design Framework for Composite Steel Deck Construction in Canada*.

"I trained as a researcher in Europe and the way buildings are designed there is very different," said Mr. Gales. "There are many structural innovations that could be developed in Canada. They have been used in Europe for some time and are now just beginning to find their way here. I am hoping that this research will develop an appropriate framework which can promote these innovations safely."

There has been a lot of testing around innovations that improve fire protection of buildings, but there has not been a thorough analysis of the data collected. This grant is not to build a structure and set it on fire – that has been done. This grant is to look at collected information (tests, case studies, etc.) and to develop the capability to understand what is going on with the entire structure when it is exposed to fire. The grant will facilitate the hiring of a graduate and an undergraduate research student to help achieve these goals.

"We are trying to get people to think

beyond individual building components and to think of how things work together and behave during a fire," said John Gales. "It is a change in design philosophy. And that needs a safe framework. It is a big step beyond what we have been doing in Canada for decades."

The University Research Grant program was initiated by the Steel Structures Education Foundation in 1995. Since the SSEF merged with the CISC in October 2014, this

program is administered by the CISC.

Over 100 research grants have been awarded since 1995 to full-time members of engineering faculties of Canadian universities. Grants are awarded on subjects judged to be of value in advancing the use of steel in construction and are awarded at the discretion of the CISC University Research Grant Committee on the merits of the applications received. The grant is awarded for a one-year period. The total

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value of grants awarded in 2015 is \$94,200.
Source: Carleton University

MOST PRESTIGIOUS AWARD IN CANADIAN METALLURGY GOES TO HATCH EXPERT

Dr. Chris Twigge-Molecey of Hatch is this year's recipient of the Airey Award, the most prestigious award in Canadian metallurgy, presented by the Metallurgy and Materials Society (MetSoc) of the Canadian Institute of Mining, Metallurgy

and Petroleum (CIM). The Airey Award is presented to industry leaders for outstanding individual contribution based on at least 15 years of input, including research and development, process development, technology or industrial leadership.

Dr. Twigge-Molecey is being recognized for his diverse body of work for 43 years at Hatch, including roles as the managing director responsible for China, Latin America, and technologies, and

today as senior advisor. "I've had four or five different careers at Hatch," says Dr. Twigge-Molecey, PhD, mechanical engineering. "The first 20 years were very technical, when all my patents were generated and I was deeply involved in project work. Then I got into the management side, building international business operations primarily in Russia, South America and China." That included his extensive involvement in the Canada-China Business Council.

He is the 3rd Hatch employee to receive the Airey Award. Founder Dr. Gerry Hatch received it in 1986, and executive director Dr. Bert Wasmund a decade later. "I am honored to be in such esteemed company as the previous Airey recipients—giants in the metallurgical industry," says Dr. Twigge-Molecey.

Reflecting on his career highlights, he notes: "I am most proud of my arsenic removal patent" developed earlier in his career. Today he and other Hatch engineers are in the process of evolving that patent into an upgraded arsenic fixation technology for such applications as South American copper deposits where arsenic needs to be stabilized.

Sina Mostaghel, award chair, NFPM executive committee, MetSoc, nominated Dr. Twigge-Molecey for the Airey Award. "As a firm believer in technology transfer, training and mentoring of young professionals, Chris has worked as an adjunct professor of mechanical engineering, and has published more than 40 papers and edited six books," most recently, Metallurgical Plant Design.

Source: Hatch

MMFX CHRÖMX® LINE FULLY MEETS THE EXPANDED ASTM A1035 SPECIFICATION

MMFX Steel Corporation's Chrömx concrete reinforcing steel (rebar) products can now be specified under one ASTM standard. MMFX offers a series of high-strength steel products with yield strengths in excess of 100 ksi that also provide varying levels of corrosion resistance. By utilizing these materials, designers can take advantage of the high-strength efficiencies and match the appropriate corrosion resistance for the targeted service life of the structure.

Making these desirable steel properties easier to specify within construction plans, ASTM International recently expanded its



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A1035 specification to include several steel chemistry compositions. With this new specification, engineers can clearly designate the mechanical properties needed to meet their design and owner requirements by calling for ASTM A1035 CL, CM or CS.

MMFX provides ChrōmX reinforcing steel products that meet each of the chemistries called for in the newly published A1035 specification with high-strength grades of 100 ksi or more. The MMFX

products are also competitively priced to meet the needs of the owner.

ChrōmX 9000 (formerly MMFX2® concrete reinforcing steels) can be specified as A1035 CS either Grade 100 or 120. This chromium steel provides high corrosion protection for severe corrosive environments caused by seawater, aggressive soils and deicing salts. Designers can meet 100-year service life requirements called for on many infrastructure projects by

applying ChrōmX 9000.

ChrōmX 4000 (ASTM A1035 CM Grade 100 or 120) offers the same high-strength benefits with a medium level of corrosion resistance for projects requiring only 40 to 60 years of service life.

ChrōmX 2000 (A1035 CL Grade 100 or 120) is a low cost product ideal for construction projects in which high-strength designs reduce the amount of steel used, improving constructability, and reducing construction time and costs for the owner.

All ChrōmX concrete reinforcing products have excellent ductility and tensile to yield ratios over 1.25, which is a significant advantage over other high-strength rebar products. These properties allow for the application of high-strength steel efficiencies using the same industry standards for handling and fabrication employed for conventional reinforcing steel, including the use of standard fabrication equipment.

ChrōmX steel products are available in all industry standard sizes. They are sold in North and South America by MMFX Steel Corporation of America and in the Middle East by MMFX Steel DMCC.

Source: MMFX Steel Corporation of America

CE ATTACHMENTS, NOW MANITOU AMERICAS – EDGE® BRAND REMAINS

Since the merger of Compact Equipment Attachments, Inc. (CE Attachments, Inc.) into Manitou Americas, Inc. in 2013, EDGE® has emerged as the primary brand name associated with the attachment needs for Gehl and Mustang products. Over the course of the next few months, the "CE Attachment" name will be removed from EDGE branded products and replaced exclusively with the EDGE brand name. Despite this transition, the EDGE® brand will continue to provide the same products and services which have built its strong reputation throughout the industry. The current website will remain active and up-to-date with EDGE branded products during this transition period.

Source: Manitou Group



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ASTECUSED.COM GOES MOBILE

ASTEC, Inc., an Astec Industries company, has launched an updated AstecUsed.com website. This latest update allows users to view all the equipment featured on the site via smart phones and tablets. In addition to used equipment specific to the asphalt mixing industry, the astecused.com website also features a variety of used equipment available from many of the companies under the Astec Industries, Inc. corporate umbrella.

Source: Astec, Inc.

INTER AIRPORT EUROPE 2015 INNOVATION AWARDS

inter airport Europe 2015, to be held October 6-9, 2015, in Munich, Germany, will once again present Innovation Awards in the 4 exhibition categories interTERMINAL, interRAMP, interDATA and interDESIGN.

A variety of innovative products and services with advancements in areas such as energy efficiency, modern airports, intelligent passenger and baggage handling, and environmental friendliness have been submitted.

The winners of each category will be presented with an Award at inter airport Europe's Opening and Awards Ceremony on October 6. All exhibitors and visitors are invited to join this ceremony.

Source: Mack Brooks Exhibitions Ltd

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Watch for the  logo

New Vermeer Service Plow with Trencher Right Pick for Tight Spaces

Vermeer has introduced a new walk-be-side service plow with trencher for contractors who need a productive machine that can work in tight spaces.

The PTX40 service plow with an optional forward-mounted trencher and boring attachment was designed primarily for irrigation and utility installations.

These types of jobs often require a machine that is narrow, maneuverable and fits in tight spaces.

The PTX40 also has a remote control that gives an operator flexibility in congested areas and the ability to see the machine and the work area from a variety of viewpoints. When trenching, a tether connects the machine to the remote control.

The walk-beside design of the PTX40 helps contractors work in areas other machines would struggle to access. It has a minimum width of 102 cm and is 215 cm long. The center-articulated PTX40 oscillates at the point of articulation, offering maneuverability and performance on uneven terrain and in narrow spaces.

"The PTX40 service plow with optional trencher attachment is the right size for utility installation and landscape contractors and municipal employees who frequently work in tight spaces," said Jon Kuyers, Underground global product manager at Vermeer. "It also was designed to help them improve their productivity and efficiency on the job."

The PTX40 is powered by a 46.8 hp Kubota WG1605 gasoline engine. Planetary axles reduce the stress and torque going to the driveline, which could help lower overall operating costs compared with conventional axles.

The plow has a maximum depth of 61 cm, and the trencher cuts a maximum of 107 cm deep and 10-15 cm wide. Plowing and trenching performance is optimized with an electronic control that allows for convenient setting of the creep speed.

The optional bore attachment has a maximum torque of 620 lb ft (840.6 Nm).

Machine service and maintenance can be performed more efficiently with convenient access to fuel, hydraulic, engine oil and air filters that do not require the removal of any shielding.

Source: Vermeer Corporation



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Michels Adds New Prime Drilling Rig to HDD Fleet

Michels Corporation recently took possession of a new Prime Drilling HDD rig at a key ceremony held in Brownsville, Wisconsin. The new Prime Drill 80/45 was acquired through trenchless equipment manufacturer TT Technologies, based in Aurora, Illinois.

Manufactured by Prime Drilling GmbH, in Wenden, Germany, the drills have been available in Europe for over 15 years. However,

the availability of Prime Drilling HDD rigs in the North American market is something that has just occurred over the last few years, facilitated by TT Technologies.

The Prime Drill 80/45 provides 800 kN of pull force and light-weight profile, weighing only 20,000 kg. The unit is capable of drilling lengths up to 975 m with diameters up to 1 m. The Prime Drill 80/45 joins Michels' impressive fleet of over 84 drilling rigs of all sizes, including the largest fleet of 5,000 kN thrust/pull force capacity rigs in the world.

Source: TT Technologies



Pictured in the key ceremony are Benjamin Ploederl, Michels Corporation; Ralf Kiesow, Prime Drilling; and Scott Kneip and Bill Brennan TT Technologies

ICUEE K-108

New Distributor for Wallenstein CR Products

EMB MFG Inc. would like to announce Brooks Construction Equipment, Division of John Brooks

Company Limited, has become the Wallenstein CR distributor for Canada effective July 1, 2015.

Brooks Construction Equipment will service all markets in Western and Eastern Canada as well as the rental market in Ontario.

EMB MFG began building log splitters over 25 years ago near the rural community of Wallenstein, Ontario. Originally sold direct to customers, these log splitters quickly gained a reputation for being of the highest quality with exceptional durability.

The Wallenstein CR division is established to specifically meet the needs of professional contractors.

Source: Brooks Construction Equipment



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McNeilus Introduces New Technical Support Hotline

McNeilus Truck & Manufacturing, Inc., an Oshkosh Corporation company, announced that Street Smart Service by McNeilus introduced a new Technical Support Center hotline to provide unmatched access to a team of technical product experts and parts support services. The hotline is available to support McNeilus refuse and mixer vehicles (including Oshkosh® S-Series® front discharge mixer vehicles), as well as provide replacement parts for all makes and models.

"When questions or issues arise, and a truck needs to be on the job, our customers deserve these unrivaled services available through the Street Smart Service Technical Support Center," said Brad Nelson, Oshkosh Corporation senior vice president and president of the Commercial Business Segment. "By providing direct access to a core team of industry experts – each averaging more than 20 years of experience – we've made the investment required to set a new standard for real-time product support."

With a centralized phone number and call center structure that automatically routes incoming phone calls to available support experts, the Technical Support Center provides customers with more immediate access to answers.

Staffing has been increased to shorten wait times and get customers to a live voice more quickly.

"Whether it's a quick review on a shop manual question, a more complex troubleshooting conference, or a search for a critically-important assembly for a competitive product, it's all available through a single phone number," said Mr. Nelson.



"The program began its rollout earlier this year and its performance metrics as well as feedback from customers is outstanding."

Source: McNeilus Truck & Manufacturing, Inc.

London Machinery Inc.

Source: Waste Management magazine booth 2001

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Grip Studs™ Newest Stud Provides Traction for The Biggest of The Big

New for 2015, the Model 1912 is the heaviest Grip Stud™ yet, opening up alternative traction options for heavy equipment in the hundreds-of-tons-weight range. The 1912's beefy 12 mm-width and 3.5 mm-diameter tip ensure optimum retention and stability without working its way into the rubber, even under the stress of massive loads. Patented wide-auger threads and a solid tungsten carbide core surrounded by tempered steel afford unparalleled performance in the slipperiest conditions without the hassle and danger of snapping tire chains and cables.

This behemoth is just the latest in Grip Studs™ complete line of screw-in studs for commercial and municipal applications, such as robotic sewer cameras, skid steers, forklifts, loaders, graders, trucks, cranes, front steering tires, and even work boots. Grip Studs™ self-tapping feature makes them easy to install with a bit and a cordless drill, requiring no tedious pre-drilling or gluing steps. Their unique notched collar allows simple removal and reinstallation – versatility that makes Grip Studs™ a viable traction option in place of chains.

Source: Grip Studs™




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New D23x30 S3 Drill Sets Industry Standard for Productivity, Reliability and Quiet Operation

The Vermeer D23x30 S3 Navigator® horizontal directional drill (HDD) packs speed and power into a shorter, narrower design to help increase productivity when working in urban areas or compact jobsites. With 106.8 kN of thrust and pullback and 4,068 Nm of rotational torque, the D23x30 S3 is equipped to maximize machine and jobsite efficiency.

Speed, simplicity and sound are the trademarks of the Vermeer S3 generation of directional drills. Each S3 model has been redesigned by listening to customer input to achieve sound reductions, enhanced speed and a simplified design.

The D23x30 S3 offers significant gains in sound reduction making it well-suited to working in congested commercial and residential areas, as the quieter working environment makes for less neighborhood disturbance. With a 99 dBA guaranteed sound power level and an operator ear rating of 78.7 dBA, the D23x30 S3 is one of

the quietest drills on the HDD market.

A carriage speed of 62.8 m/min, and a rotational speed of 219 rpm – which rivals larger drills – and enhanced rod breakout efficiency will help contractors install more linear meters per day. The D23x30 S3 also offers a ground tracking speed of up to 5.3 km/h to help contractors get from one project to another faster.

To power the D23x30 S3, Vermeer has selected a 100 hp Deutz TCD 3.6L4 Tier 4 compliant engine, which is capable of producing greater power than its predecessor.

“The D23x30 S3 is the ideal drill for utility installations up to 12.2 cm in diameter and in compact or congested areas,” said Jon Kuyers, senior global product manager, underground, for Vermeer. “The D23x30 S3 helps address today’s operational challenges and provides a low cost of operation due to its power-to-footprint ratio.”

A common control system currently



used on the larger Navigator drill lineup is featured on the D23x30 S3 drill. This includes a digital display, improved onboard diagnostics and common joystick controls. The system design uses a power distribution module that reduces the amount of wiring and fuses for greater reliability. All S3 Navigator drills have a common control platform, assisting drill operators in operating a variety of S3 drill models and lessening the time needed for training.

An onboard self-diagnostic system empowers contractors to make machine adjustments when required and helps to maximize productivity. The Vermeer InSite™ Fleet remote monitoring system is optional on the D23x30 S3. InSite Fleet is available now.

Contractors have two 3 m Firestick® drill stem options to configure the drill for different types of work – for longer runs, a 5.2 cm diameter drill stem is available and provides improved flexibility in tight bore requirements. When pulling back larger product or for compatibility with rock tooling, contractors can select a 6 cm diameter drill stem that offers a better flow path for improved air hammer efficiency and flexibility for rock drilling applications.

Improved rotation, thrust and tracking performance is the result of an enhanced hydraulic system that helps to increase the system’s efficiency, allowing better use of engine horsepower and increasing the drill’s productivity.

Daily maintenance has been simplified with all service points located on one side of the drill and easily accessed via a rugged hood design.

Source: Vermeer Corporation

HammerHead R600 Completes Range of ROUGHNECK™ Rock Drilling Systems



HammerHead Trenchless Equipment has introduced the HammerHead ROUGHNECK™ R600, the largest of its pneumatic percussion drilling systems for use in horizontal directional drilling applications. Designed for drilling solid rock with bit diameters of 184 mm to 203 mm, the R600 gives HDD contractors the ability to complete larger diameter bores in fewer passes as well as access to a wider range of single-pass boring applications.


The R600 completes the range of existing HammerHead ROUGHNECK rock drills available to HDD customers. It joins the R400 designed for 133 mm straight and offset bits and the ROUGHNECK R500 for straight and offset bits to 159 mm in diameter.

ROUGHNECK hammers turn any horizontal directional drill in the construction industry into a high-production rock drilling machine. Their heavy-duty housing permits directional drilling in varying rock conditions without changing out the housing. The patented offset rock bit design increases steering precision, allowing the operator to navigate a wide variety of ground conditions. Integrated face-cleaning exhaust ports of the hammer ensure reliable performance, and the patented check valve located within the bit eliminates ingestion of debris.

The control station utilizes the drill’s existing mud pump to efficiently deliver air, oil and fluids down hole, reducing footprint size and weight. Integrated electronics facilitate the drilling operation and provide the operator with control and increased productivity without leaving the drill operator’s station.

Source: HammerHead Trenchless Equipment

 K-265

 K-225, K-332

Ulmer Contracting Is the Canadian Ultimate Crew Finalist!

Vermeer is on the search for the "Ultimate Horizontal Directional Drilling Crew" and selected our customer, Ulmer Contracting, as 1 of 8 finalists in North America!

Vermeer launched the Ultimate Operator contest to celebrate horizontal directional drill (HDD) operators, recognize their impact on the world and identify the ultimate HDD operator. Vermeer wants to showcase the importance of the entire HDD crew through the Ultimate Crew contest to identify the best directional drill crews across North America.

"Ulmer Contracting was selected as the only Canadian Ultimate Crew and we are very happy to support them. Chuck Ulmer is a passionate leader who appreciates great customer service, teamwork, quality equipment and safety. He is a very loyal Vermeer equipment customer of ours and we are very proud to be their preferred equipment dealer," stated Don Castron, director, Vermeer BC.

The top crews – selected by votes online – will advance to compete in an ultimate HDD skills competition September 29 – October 1, 2015 at ICUEE 2015 in Louisville, Kentucky at the Vermeer booth. There, the finalists will put their drilling skills to the test to prove why they should be named as the "Ultimate Crew."


The crew that demonstrates their superior drill skills, strength and endurance at ICUEE will be named North America's Ultimate Crew!

The 2015 Ultimate Crew will win the use of a new Vermeer D24x40 Series II for 12 months, be featured in ad materials in key underground publications and have the chance to test future Vermeer innovations and products, sharing their experiences along the way.

Congratulations to Ulmer Contracting and the Vermeer BC team!



Vermeer BC is part of a family of companies owned by Wesgroup Equipment. Wesgroup Equipment is owned by WesGroup Properties, a major Vancouver-based real estate company. At the head of this branded family is Peeter Wesik, a visionary developer and entrepreneur who for more than 50 years has been an integral part of the building of British Columbia and its economy.

Source: Wesgroup Equipment
Vermeer Corporation  K-225, K-332

Dur-A-Lift Opens New Factory

Dur-A-Lift, Inc. celebrated the opening of its newly completed factory expansion, in George, Iowa, with a ribbon cutting ceremony on April 22, 2015.

Dur-A-Lift hosted representatives from its worldwide distributor network at the event and noted the achievement along with Iowa Governor Terry Branstad and Lieutenant Governor Kim Reynolds. Both Mr. Branstad and Mr. Reynolds spoke at the event. The ribbon cutting marked the latest milestone in the ongoing growth and expansion of Lyon County Iowa's largest manufacturer, and non-gaming based employer.

Dur-A-Lift, Inc. is a wholly-owned division of Diversified Technologies, Inc. (DTI). Ground was broken for the new facility in July of 2014. Dur-A-Lift's building project adds 2,415 m² to DTI's existing 20,000+ m² facility. DTI expects to add jobs to its 260+ person workforce, and double Dur-A-Lift's production capacity with this factory expansion.

DTI is made up of 3 divisions. Dur-A-Lift, Inc. manufactures truck- and van-mounted



From l. to r.: Chuck Sjogren, DTI vice president; Iowa Governor Terry Branstad; Lyle Hollander, DTI executive vice president, principal; Larry Kruse, DTI president, principal; Iowa Lieutenant Governor Kim Reynolds; Greg Ver Steeg, DTI vice president.

aerial lifts for electrical, telecom, sign and rental industries. Sudenga Industries, Inc. is a leading agricultural equipment manufacturer and Ranger All-Season Corporation supplies mobility scooters to the healthcare and rental industries. Through its Sudenga division, DTI traces its roots

back over 125 years in the northwest Iowa town of George, to its founding in 1888 by blacksmith Folkert Sudenga.

Source: Diversified Technologies, Inc.

 L-137

RS Technik® and HammerHead® Form Strategic Alliance

RS Lining Systems, LLC, the provider of RS Technik® pipe renewal and repair solutions in the Americas, announces it has formed a strategic alliance with HammerHead Trenchless Equipment, a Charles Machine Works company. This alliance provides for a single-source, full suite of trenchless pipe repair and rehabilitation solutions to RS Technik and HammerHead customers.

"Every RS Technik solution is fundamentally grounded in providing proven, effective and reliable alternatives to traditional pipe repair," said Rick Johnson, HammerHead interim president and CEO of Charles Machine Works. "Combine their products with our HammerHead Hydra-Liner CIPP line of installation equipment and consumables-not to mention our full line of pipe bursting equipment- and our customers have access to every advantage possible for restoring gravity and pressure sewer, water and industrial pipe infrastructures."

"It's exciting for us to be partnered with HammerHead," said RS Lining Systems' senior vice president Joanne Carroll. "HammerHead is a significant leader in the industry that provides trenchless solutions to effectively and economically address mounting underground infrastructure issues. Rapidly changing market demands, including the growing need for proven solutions for pressure pipe and potable water applications, as well as our mutually high standards, make RS Technik and HammerHead a natural fit. Together we will significantly enhance the value to customers by delivering the industry's most complete package of the highest quality, sustainable engineered solutions



for trenchless pipeline repair.

"Both of our companies continually refine our state-of-the-art products, develop performance equipment and strive to deliver the finest in customer training and support. These high standards are foundational with this alliance, especially those in alignment with the development, delivery and support of nonintrusive, innovative solutions for buried infrastructures."

RS Technik, founded in Europe, is a global leader in CIPP technology providing a comprehensive suite of pipe rehabilitation solutions for gravity sewer, pressure pipe and potable water including RS Max-Patch®, RS CityLiner®, RS CityMain®, and RS BlueLine® featuring mobile, state-of-the-art CIPP impregnation and installation equipment. Brought to the Americas 10 years ago by RS Lining Systems, LLC of Cary, North Carolina, RS Technik's engineered systems provide unique solutions developed to meet the emergent needs of asset managers including performance, durability, and cost-effective sustainability of pipeline infrastructure.

HammerHead Trenchless Equipment of Lake Mills, Wisconsin, manufactures a full line of pipe bursting, pipe ramming/HDD assist, pneumatic boring equipment, HDD tooling and accessories, and CIPP lateral lining systems and consumables. All of these products are recognized around the world for their advanced design, rugged construction, long-term durability, ease of use, and reliability.

Source: RS Technik
HammerHead Trenchless Equipment



SP8018TRX Stump Cutter from J.P. Carlton

The Carlton SP-8018TRX is designed for high production in both clearing and large residential removal applications. A 99 hp turbocharged Kubota diesel engine combined with Carlton's 2-stage cutter head drive provides significant cutting power. The Carlton Razor Cutting System offers a low profile

holder design coupled with large faced carbide teeth. This provides a high cut-to-friction ratio resulting in highly efficient, large cuts with minimal chip scatter.

The SP8018TRX features large cutting dimensions: 109 cm above ground, 45 cm below ground, and 203 cm of sweep. The patented turntable design lowers the machine's center of gravity, making it very stable while providing massive cutting dimensions and reducing flex and wear points. The unit's Caterpillar track undercarriage provides a secure stance and extensive tractive effort, along with Caterpillar reliability.

J.P. Carlton has been supplying professional arborists with quality tree care equipment since 1952.

Source: J.P. Carlton Company



Canada's ADF Diesel Is the Reigning Top Team Engines Champion of North America

Winning by a slim margin, the team with Jérôme Langlois and Sergio Cabral was invited to the heart of Scania in Sweden to see how its engines are produced.

"What really strikes me is how smoothly and flawlessly the production and logistics of manufacturing engines and trucks is organized at Scania," says Mr. Cabral. "What also impressed me was how Scania really cares for its employees."

ADF Diesel became a Scania dealer in 2012. The company has 7 locations in eastern Canada and the winning team gathered a technician from the Mississauga, Ontario, branch and the ADF Diesel Scania trainer from the head office in Saint-Stanislas, Quebec. "We're a one-stop shop and will take on any type of engines and any brand," declares Mr. Langlois.

Of the 24 teams that entered the competition, ADF Diesel was among the Top 6 that battled for victory in San Antonio, Texas. The competition was extremely

close, but in the end the Canadian team proved its skills in engine technology and servicing and took home the prize. In May, they travelled to the Swedish capital for a week of sight-seeing and the visit to Scania, located near Stockholm.

ADF Diesel mainly remanufactures and services engines of all makes and models from 100 to 2,500 hp and is the largest distributor of turbochargers in its territory. ADF Diesel now sells in more than 10 countries and is very present in the northern Canadian territory where mining companies recognize their skills and expertise. After investing over



The winning team with Jérôme Langlois and Sergio Cabral at Scania's engines assembly unit in Södertälje, Sweden

\$6 million in the last 2 years to increase their productivity and quality control, they are about to launch a \$10 million project at their head office that will double their remanufacturing capacity.

Source: Scania

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Innovative "Timeline" Construction Camera Software

Following the announcement of its 18 megapixel construction camera, Work Zone Cam is introducing innovative software to go with it. With a quick click-and-drag along the new timeline bar – shown in the attached image – users can access images from any point in time, making it easier than ever to check on jobsite progress!

Other exciting features include touch screen capability, mobile device compatibility and website customization.

Does Work Zone Cam sound familiar? Perhaps you recently watched the company's time-lapse showing construction of the National Building Museum's wildly popular BEACH exhibit. Or maybe you've visited one of its University of Notre Dame webcams. Whatever the reason, explore the future of technology with Work Zone Cam's new software!

Founded by webcam specialists, Work Zone Cam provides a professional, reliable, and easy to use time-lapse camera solution. Work Zone Cam follows a simple approach of empowering their customers with the best Do-it-Yourself construction camera and delivering a basic, no-frills service to keep the prices low. With applications in the construction, retail, healthcare, education and design-build industries, the rugged construction camera is designed for extended outdoor use. Backed by award-winning technology that is licensed from EarthCam – the industry leader, Work Zone Cam systems are wireless, all-weather digital SLR cameras are ideal for documenting projects and producing HD quality time-lapse movies.



Some of the projects documented by Work Zone Cam include: Orlando Citrus Bowl, MNDOT roadwork, Chicago O'Hare Modernization Program, Edward Andrews Homes and the BEACH at the National Building Museum.

Source: Work Zone Cam, LLC





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Side view of wearing edge and rubber housing



Front view of one wearing edge removed



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Vermeer Forestry Tractor Has Power in Compact Design

The Vermeer FT100 forestry tractor with above-ground mulcher attachment gives contractors a compact, yet powerful, option for challenging land-clearing work.

The above-ground mulcher attachment puts the FT100 in another class compared with similar-sized forestry tractors on the market. The ringed rotor – 45.7 cm in diameter and equipped with 18 disks and 17 tip mounts – helps guide material into the cutting path for single-pass clearing and also controls the depth of the cut to maximize engine performance. The push bar provides a reach of 17.8 cm below grade with the head at ground level, giving the operator better control when directing

material to the rotor.

The rotor tips are interchangeable and come in sharp planar, clad-faced planar and impact-resistant tip options, allowing the operator to customize the cutting performance to the jobsite conditions without having to rebalance the drum each time.

The dual-bolt system used to retain the cutter tips requires less torque than single-bolt systems and can be torqued with a wrench small enough to be stored in the cab.

“The FT100 with mulcher attachment gives contractors a powerful tool for completing land-clearing jobs,” said Jeff Bradley, product manager for the recycling and



forestry segment at Vermeer. “It’s great for residential work as well as for underground construction contractors clearing vegetation before installing utilities.”


The FT100 comes with a 111 hp Perkins E3TA Tier 4i engine, providing high power in a small package. The hydraulic system optimizes horsepower to the mulcher attachment and also improves hydraulic component life by using a higher flow with less pressure.

Doors provide quick access to the engine compartment for maintenance. And a programmable reversing fan can help remove debris from radiator and air intake screens.

With its torsion suspended track system, the FT100 runs comfortably, swiftly and robustly on the demanding terrain land-clearing crews confront daily. The industry-leading 38.1 cm of ground clearance makes it even easier to travel over challenging terrain.

The operator will be better aware of what is happening in and around the machine with a display that provides machine performance data when working and a rearview camera with in-cab monitor that improves visibility and maneuverability.

Source: Vermeer Corporation

 K-225, K-332

Vanair Introduces New Hydraulic Driven Air Compressor

Vanair Manufacturing introduces the all new Reliant RS85 rotary screw air compressor. With its enhanced cooling capabilities; the RS85 is one of the most powerful and reliable air compressors in its class with up to 2,400 l/min @ 6.9 bar. The Reliant RS85 replaces Vanair’s Viking and Viper Hydraulic product lines.


“We are extremely excited about this new compressor. We’ve increased the amount of air by over 40% and have kept the cost down, while increasing the hydraulic cooling features. The air pressure output is easy to set on the RS85, giving the operator a greater range of machine operation. We are very pleased that the RS85 allows for the operator to run at higher CFM levels while at the same truck RPM’s they currently use today,” added Todd Zeigner, senior project engineer at Vanair.

The Reliant RS85 is equipped for the toughest of jobs and can operate up to a 40 kg jackhammer and a 25 mm impact wrench. It is equipped with a direct drive system eliminating any belts or pulleys and is a much quieter machine. “The Reliant RS85 gives our dealers everything their customers need within a very reliable hydraulic package. It is equipped with a unique air end that is exclusive to Vanair, offering the kind of power that is needed while at a significantly lower cost than the competition. Where truck-bed space is at a premium and powerful performance is a requirement, we feel that this product line will be the best option for the marketplace given the feedback we’ve received from our customers and dealers,” added Dean Strathman, vice president, AboveDecks.

Since 1972, Vanair has been the industry’s Mobile Power Expert. Today, it is the industry’s largest manufacturer of powerful, lightweight and compact vehicle-mounted air compressors, generators, welders, battery boosters and Air N Arc® All-In-One Power Systems®.

Source: Vanair Manufacturing Inc.



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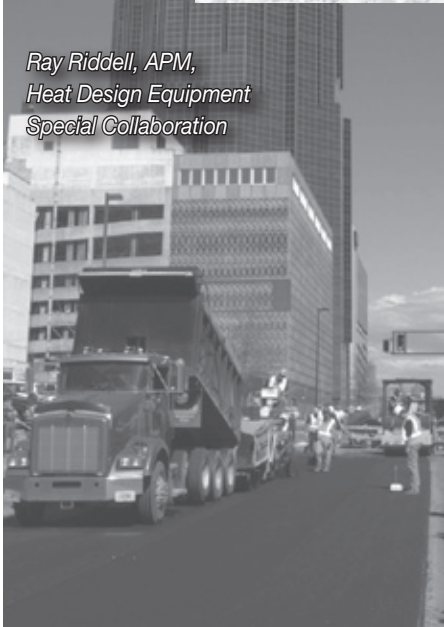
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Hot in Place Recycling Longitudinal Joint Repair: Success in Tennessee

*Ray Riddell, APM,
Heat Design Equipment
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process will allow agencies to get a handle on maintenance and capital budgets by slowing considerably the frequency of reconstruction and rehabilitation projects.

The process developed by Heat Design Equipment of Kitchener, Ontario, through many years of research and considerable investment is now bearing fruit. The process of Hot in Place Joint repair is similar to the full lane method of Hot in Place Recycling. The equipment is scaled down to work for the recycling of the problem joint and outlying areas from 60 cm to 70 cm wide.

The heart of the process are the powerful infrared heating units that allow us to heat, penetrate and soften the asphalt from 38 mm to 50 mm depth, with no burning of the asphalt or light oils contained within.

There is relief in sight for agencies who are struggling with how to deal with ever growing maintenance work and shrinking budgets. We can save the asphalt highway or runway from the spreading of asphalt degradation that almost always begins at the construction joints. This problem has been the cause of untold billions of dollars unnecessarily spent worldwide. This

TENNESSEE EXPERIENCE: RECYCLE 38 MILES OF LONGITUDINAL JOINT

Working for the state through a General Contractor Delta Construction and a subcontractor Pavement Restorations Incorporated we supplied the equipment and training to make this job happen. Starting the last week of April 2015, on a

tight schedule the contractor was hoping to recycle one mile of joint per day on



Interstate 40 Near Camden Tennessee. Previous work experience meant this was going to be a considerable challenge, not to mention this was base asphalt which poses heating challenges and work at night with cool temperatures. The bar was raised high indeed.

To meet the challenge we needed to recycle faster be efficient and lay down a

Tanguay J100B: Trench Filling Machine

The J100B is a compact an innovative self-propelled road widener and mini-paver ideal for spreading aggregates or asphalt on road shoulder or trenches from 30 cm wide to a maximum of 1.8 m.

Powered by a 49 hp Perkins engine, the self-propelled J100B pushes the dump truck and controls its speed. The heat- and oil-resistant conveyor belt is powered by a dedicated hydrostatic circuit feeding up to 300 t/h. Doing shoulders, dump trucks can be empty in less than 4 minutes!

Width, height and slope adjustments of the spreader blade are hydraulically activated with a single joystick. Below-grade trench plate option permits multi-layers

spreading in narrow trenches up to 15 cm deep. Over the curbs spreading is possible thanks to height adjustment ranging between 15 cm below and 25 cm above grade.

The operator is sitting on top of the spreading blade for exceptional job visibility and precision.

The J100B with its special trailer weighs



less than 4,500 kg and can be easily transported from job to job with a ¾-ton pickup.

Tanguay is looking for dealers and is ready to demo a machine.

Source: Tanguay Machinery

quality product. Extra heaters were added to the recycling train allowing for 1.7 m of heat 76 mm wide. Next we improved the processing of the asphalt by adding a bobcat mount tiller to further scarify breakdown and mix the asphalt with the ARA-3P rejuvenating agent. The rejuvenator process was improved by increasing storage capacity and heating to 60°C. Running the rejuvenator through a flow meter gave us exact measurements in real time.

At the back of the skidsteer loader was an attached paver box to screed the recycled mix and add new mix when necessary.

With the first night bugs worked through and minor adjustments, we were able to exceed the contractor's expectations and ours with 1.8 km of centreline joint recycled. Now through 2 weeks of on the job we are averaging the 1.6 km a day the contractor was so desperately hoping to achieve.

With respect to product quality which without it nothing else matters, I am pleased to report that we are core sampling every night and the results are

fantastic. Joint and mat density consistently at 97%. No visible joint at edges and compacted asphalt is straight and aesthetically pleasing.

The project is a success and the Tennessee DOT is at this time adding on lane miles to the work. That fact speaks volumes to the success of this process and it's potential to have a significant impact in the construction and maintenance industry worldwide.

ATTACHED EQUIPMENT

Tiller Features: Hydraulically powered with speed control, 8" mixing tines with

adjustable depth control on outside carbide runner skis. Material is windrowed to centre via adjustable plows, and contained with heavy rubber skirting and metal flashing.

Paver Box: Heated Paver box holds 400lb of mix which can be released when needed via a hydraulic operated door. The strike off plate is controlled by adjusting the leveling jacks on outside runner skis. A further heated compression screed is mounted behind to enable more fines at the top and better compaction. Paver box is attached to the back of a toolcat with the tiller in front of toolcat.





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Transport Costs in Project Business: A Machinery Perspective

It is not only about doing the right job; it is also about doing the job right.

With the construction industry being a prime example for project business with site fabrication, meaning that materials, machinery and personnel have to be brought to the jobsite, project management is key. While personnel capacity only has to be scheduled, the logistics of heavy machinery and construction materials are often cost driving.

For large scale projects like for instance highway construction or the construction of a lock chamber in rivers ready-mixed hot asphalt and concrete are needed in bulk. The transport of these materials from stationary production plants to the jobsite is time consuming, but also critical due to the required material conditions for paving or installation in general.

Lintec GmbH & Co. KG, a German manufacturer of construction machinery with over 70 years of experience in the

industry with its focus on hot mix plants and concrete mixing plants, was the first to realize that high quality in machinery does not only come from high quality material production, but can also arise from a clever plant design.

Therefore Lintec GmbH developed an innovative plant concept in the 80s only using 100% ISO certified sea containers. Since then their concept has been developed to optimize the idea of cost efficient operating assets.

When talking about mobility, as one aspect of their concept, the container structure can be the key argument in the actual investment decision. The trans-

port of heavy machinery often requires permissions for heavy haulage effecting traffic, which is driving costs and planning



complexity. This would be even more significant when the machinery is imported from somewhere in the world requiring overseas shipment. "The freight costs when purchasing a new plant from Lintec have been found to be around one fifth

Proven Pothole Patching Technology at APWA Congress

Bergkamp Inc. exhibited its field-proven patching technology at the 2015 APWA International Public Works Exposition and Congress, held from August 30 through September 1, 2015 in Phoenix, Arizona.

The FP5 Flameless Pothole Patcher and the SP Series Spray Injection Pothole Patchers from Bergkamp were on display. Both pothole patcher models come standard with the InPave® Technology.

InPave is an easy and effective way to monitor material usage, performance and location of each pothole, patcher and crew, through multiple data-reporting sensors that are strategically engineered into each unit. As potholes and cracks are repaired, the data is automatically gathered and transmitted to a secure cloud-based server, allowing data retrieval from any Internet-ready device. The data can then be used to generate customizable reports for managing, planning, budgeting and informing constituents and public officials.

The FP5 Flameless Pothole Patcher reduces material waste with its insulated 3.9 m³ electric-heated hopper that keeps

asphalt at a constant temperature and pliable for an extended period of time. Potholes repaired using the FP5 have a significantly increased life over the traditional "throw and roll" method. The damaged area is removed and squared off using the on-board, hydraulically driven pavement breaker. The air and tack wand blows out any remaining debris and applies the tack coating, which helps bind the new asphalt to the existing pavement. The material chute delivers the fresh, hot asphalt to the prepared area, and the onboard compactor then consolidates the material evenly with the existing pavement.

SP Series Spray Injection Pothole Patchers are available as either a truck-mounted or trailer-mounted unit. Depending on your choice of patching techniques (manual

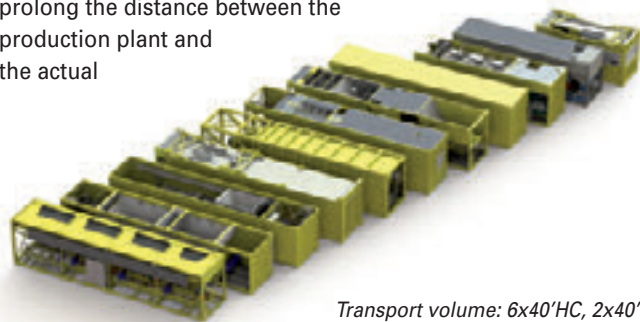


boom controls or in-cab boom controls), truck-mounted versions of the SP Series, in an industry-first, can be custom-mounted on a conventional or cab-over chassis for optimum utilization of existing fleet vehicles. All truck-mounted units feature a front-mounted boom, providing a working radius of greater than 3.9 m in front of the truck for crew safety.

Spray injection is a less invasive patching technique, and according to the

of the freight costs of comparable sized plants in conventional design," says Mr. Jan Scholl, managing director Sales at Lintec GmbH & Co. KG. This is due to the fact that ISO certified containers can be carried overseas by every container ship at standard container freight rates and on standard truck trailers on the roads.

However, not only the initial transport, but also, and especially in project business, relocating the plant is a crucial thread. Building many kilometers of asphalt or concrete road will over time prolong the distance between the production plant and the actual

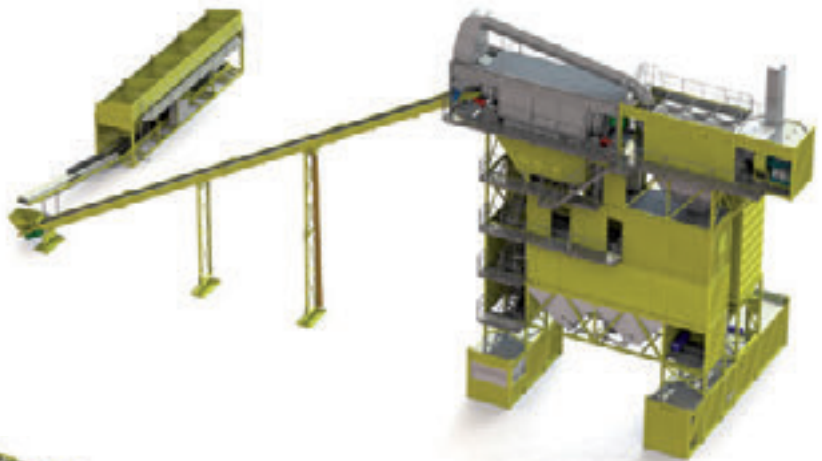


Transport volume: 6x40'HC, 2x40'DC, 2x30'HC, 1x20'HC

paving point. Potentially more trucks are needed to ensure a continuous material

Federal Highway Administration, also has a significantly increased patch life as compared to traditional patching methods. The SP Series units repair the damaged pavement (both alligator cracks and potholes) in just minutes. Compressed air is first blasted through the unit's hose to quickly and thoroughly clean out and dry the hole, and the damaged area is sprayed with asphalt emulsion. The operator then selects the proper gradation of aggregate from one of two chambers in the hopper to best match the characteristics of the road. The SP units feature three emulsion injectors in the rotating nozzle to guarantee homogeneous aggregate coverage and high-quality durable pothole repairs, which are self-compacting from the bottom up. To top it off, a protective layer of smaller, clean stone is applied, thus protecting passing vehicles from coming into contact with the asphalt emulsion. All SP Series units also feature a "variable air system" that greatly reduces rebound and material waste.

Source: Bergkamp Inc.



Lintec CSD 1510 (capacity 120 t/h) with integrated hot storage silo, cold feeders, screening/drying drum, filter, hot bins and mixer, reclaimed filler and external filler silo, control cabin, pump room.

supply. Additionally, asphalt cool down might become a quality concern. Without the need for permissions

to transport containers, the relocating decision can be made within the operator's reach pondering costs and time for new site preparations, erection and dismantling and savings. The container's ultimate load due to its structure eliminates the need of concrete foundations. In most cases to compact the ground is sufficient. Furthermore, container handling is easy and therefore a crane for erection or dismantling is needed for less than 20 hours only, enabling the relocation of an operational Lintec plant within one week.

Summarizing, the mobility of heavy machinery can grant strong benefits especially in the construction business.

Not only affecting the investment decision, but also improving efficiency of project execution due to e.g. effortless relocation. Besides, the mobility of the plants can enable construction companies to utilize their asset portfolio (globally) allocating resources where capacity is demanded.

In addition, the Lintec container concept is focused on sustainability with an energy efficient and environmental sound design. Furthermore, issues addressed by the component's modularity are interesting.

Lintec GmbH & Co. KG is now offering their easily transportable products to the Canadian market at competitive pricing.

If you have further questions about the concept and its potentials, please contact Quentin Quiehl, sales manager Canada at quiehl@lintec-gmbh.de.

Source: Lintec GmbH & Co. KG

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Terex Distributor Helps Birch Lake Restoration Project

Can-American Enterprises Inc., a Terex distributor, headquartered in Kelliher, Saskatchewan, has donated the use of its Terex® compact construction equipment fleet, as well as the fuel needed to run the equipment, to the Birch Lake Restoration Project. The 2 ha project site, located 0.8 km south of Kelliher, will offer visitors

a beach, camping, water sports with a boat launch and docks, play structures, bike and hiking trails and fishing when completed. The lake is currently open to the public for swimming, hiking and some water activities.



"Birch Lake was a full resort with a dance hall, beach and swimming lessons in the 1950s," says Can-American founder and president, Conway Maydonick. "Throughout the years, vandalism has destroyed much of the area and attempts in the past to restore it never gained enough traction and support. In January, community leaders came together and formed a committee to try once again to revitalize this beautiful lake to get it back to the way it once was, and hopefully, make it even better."

Clean-up and site preparation work began around the lake in early April, and construction work got underway in June. To date, volunteers have completed construction of the hiking trail, the beach, the boat launch and access roads, as well as installed 300 m of fence to separate the public property from private landowners' property.

The Birch Lake Restoration Project is spearheaded by local committee members Conway and Janel Maydonick, Brad Jones, Angela Romanson and Trevor Wenc. According to Conway Maydonick, all materials, supplies, tools and labor needed to complete the restoration project are provided through donations. "This project relies solely on donations of people's time and money," he says. "The response has been tremendous, and we are fortunate to have funded nearly everything we had planned to complete this year. Can-American's donation of the Terex equipment enabled us to get a lot of work done in a short amount of time, and because of that, people were able to enjoy the lake this summer, which has helped us continue to build excitement and interest for the project."


Future plans for the Birch Lake Restoration Project include providing power to the campground, putting in lighting throughout the lake's amenities, adding play structures and building a floating dock.

Source: Terex Corporation



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 2011 VOLVO C96 , 5,580 Hrs, Excellent Don't Drive, Stock #69428 \$150,000	 2006 VOLVO C90 , 8,544 Hrs, Tall Cab, Stock #68356 \$122,000	 2006 VOLVO S100HD , 1,100 Hrs, SN 1007080, Stock #68355 \$65,000	 2006 VOLVO S810HD , 1,621 Hrs, Palfrost Compactor, SN 1000660, Stock #68356 \$64,000

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The Future of Container Handling Is Here

Volvo Penta and long-time partner Kalmar, together with transmission specialist Dana Rexroth Transmission Systems, are taking the "next great leap" in reachstackers: a 45-ton unit whose special driveline can save as much as 40% on fuel consumption.

The new K-Motion solution for Gloria reachstackers was displayed to the public for the first time at TOC Europe, an exhibition for ports, terminals and shipping lines, held in Rotterdam, The Netherlands, last June.

Volvo Penta has been a supplier to Kalmar Reachstackers, a division of Cargotec, for 30 years, and the companies have done extensive product development together – including the ultra-efficient new driveline for the latest 45-ton-capacity (40.8 t) Gloria reachstacker.

Kalmar, Volvo Penta and Dana Rexroth Transmission Systems came up with an efficient new transmission that is said to be a first in the industry. The Kalmar K-Motion

drivetrain can reduce fuel consumption by 40% and, with lower rpm and maximum revs, lower noise by up to 6 dB. This also means that engine size can be reduced from 11 l to 8 l.

"The application of a new technology, such as the Dana Rexroth hydromechanical variable transmission, requires harmonization between the various subsystems to achieve performance and fuel savings targets at the vehicle level,"

says Diego Cornolti, head of sales and product management at Dana Rexroth Transmission Systems. "The success of this collaboration can be attributed to the in-depth application knowledge of Kalmar and Volvo Penta, which is reflected in their strong market positions."

The next TOC Europe will be held in Hamburg, Germany, June 14-16, 2016.

Source: AB Volvo Penta



The HighwayMAX Trailer Is on North American Roads

Belgian trailer manufacturer Faymonville is taking on a new challenge in North America. It is part of the company's DNA to tackle such undertakings with determination and motivation.

"We want to be the market leader here. The task involves bringing our concepts to this new market area. Fortunately, they are perfectly suited to the requirements of the North American transport sector," declares an enthusiastic Paul Hönen, leader of this ambitious project. The "American Dream" is very real for Faymonville.

Capital City HO is one of the first companies getting a new HighwayMAX trailer from Faymonville. HighwayMAX is an extendable on-road heavy haul trailer with 9 hydraulically steered pendular axles

and a technical payload of 260,000 lbs. It is compatible with the regulations in the U.S. and Canada, allowing a maximum payload due to its adapted dimensions.

"With its pendular axles and torsion stiff frame, the HighwayMAX is unique in North America" says Paul Hönen while emphasizing the pioneering role of Faymonville with this trailer. The extremely high demand for this new commodity in the U.S. and Canada highlights its innovative character. Nine-axle heavy haul Faymonville trailers are being used from Massachusetts to Ohio all the way to Wyoming.

Faymonville succeeded in shaking up the transport sector in North America. This

is due to the sophisticated technology and practical user-oriented developments, which is the manufacturer's trademark. "Customers appreciate the unparalleled quality of workmanship. Our products also have improved properties with regard to handling and technology," which is the positive feedback about the "newcomer" from Belgium that Paul Hönen receives on a daily basis.

Source: Faymonville



Air End Repair and Rebuilding: Benefit from Increased Reliability

Comairco offers a multitude of services, including air end repair and refurbishing. The compression unit is the heart of your compressor, and unlike most of the other components, it is specific to your equipment and seldom readily available as a replacement part. Their durability generally varies from one manufacturer to another, but all compression units eventually wear out. That is why they should be refurbished as part of a preventive maintenance program in order to avoid the costs of repairs and unscheduled interruptions in production.

When you choose to have your air end rebuilt, the first step of the process is determining the level of wear and tear through a review of the maintenance log, predictive analysis or an inspection. In their workshop, all certified Comairco technicians employ these methods regularly in order to formulate precise, informed diagnoses.

Maintaining your air end will keep your

compressor working for several more years, while guaranteeing a consistent level of performance. Your air end rebuild can also be combined with a convenient protection plan or even qualify for an exchange program. In the vast majority of cases, this maintenance will cost a lot less than a total replacement of the equipment.

Your compressor is the very core of your operations and productivity, so it is reassuring to know that you can schedule the maintenance on it to minimize downtime. You can also combine this maintenance program with an equipment rental in order to maintain an optimal level of performance under any circumstances.

Since the beginning, Comairco has had the good fortune of being able to rely on a team of specialized technicians who can recondition and repair all types of air ends for lubricated compressors. As the brand's principal distributor, the company also boasts an impressive inventory of Sullair



stationary and portable air ends (100–500 psi).

Comairco is synonymous with 45 years of experience in air compressors, thousands of clients throughout North America, one of the largest inventories of parts, and a team of more than 150 devoted employees. Comairco offers comprehensive solutions that are tailored to the needs and demands of the company's clientele, thanks to its mobile service department, various state-of-the-art workshops, a fleet of rental equipment, an industrial engineering department, and a technical support team that is available 24/7.

Source: Comairco

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Appointments

Varco Pruden Buildings announces that **Sumeet Goswami** has been named district manager for the Western Canadian region. In this new role, Mr. Goswami is responsible for growing share in British Columbia, Northern Alberta, Yukon and North West Territories.

Sumeet Goswami will be based in Richmond, British Columbia, and will report directly to Tom Georg, field sales manager. "Sumeet's experience and background tie well into Varco Pruden's strategy for the market. We are fortunate to have him as part of our new Canadian initiative team and look forward to working with him," said Mr. Georg.

Sumeet Goswami has 11 years of experience working with building material manufacturers, of which 9 years were in sales management focusing on creating new share in Western Canada. "I'm truly honored with the opportunity in joining the Varco Pruden family, representing the Northern Region," said Mr. Goswami. "I look forward to maintaining and building new relationships with the best builders in Western Canada by providing unparalleled service and the best products in the industry."

Source: Varco Pruden Buildings



steep slopes and embankments.

Mr. Bernardi holds a Bachelor's degree (Civil Engineering) and a Master's degree (Geotechnical Engineering) from McGill University, Montreal, Quebec. He is a regular participant in industry organizations at the committee, subcommittee and task group levels, and currently serves on the Board of Directors of the North American Geosynthetics Society. He is also chairman of an ASTM D35 Subcommittee on connection testing. During his career, he has helped to establish numerous design standards, developed advanced design software, and been at the forefront of new product and systems innovation utilizing geosynthetics. He will lead the technical team at Strata USA as well as participate in technical leadership at Strata India and Geo Solucoes (Strata Brazil).

Source: Strata Systems, Inc.

Joe Johnson Equipment (JJE) recently announced that it appointed **Randy Massen** as the new Refuse sales manager for the province of Ontario. As demand for JJE's waste management expertise and refuse/recycling and related equipment continues to grow, the additional capacity of a dedicated sales manager will strengthen the company's support of refuse customers from product consultation to parts and service.

In his new position, Mr. Massen will be responsible for managing and driving all aspects of Refuse Sales in Ontario for JJE and for developing long-term partnerships with both customers and suppliers. Over his refuse-industry career, he has had the unique opportunity to be directly involved in supporting all aspects of the customers' needs; including installation, training and support. As a licensed Automotive and Truck and Coach Technician, he has firmly established a reputation for focusing on customer satisfaction and service – an attitude that is welcomed at JJE.

Source: Joe Johnson Equipment



Strata Systems, Inc. is pleased to announce the hiring of **Michael Bernardi**, PE as its new director of Engineering.

With over 30 years of soil reinforcement experience, Mr. Bernardi has been at the center of the mechanically stabilized earth structures industry since its beginnings. He has significantly contributed to industry design manuals including serving as the primary technical editor for the 3rd Edition of the National Concrete Masonry Association "Design Manual for Segmental Retaining Walls." Additionally, he has designed more than 1 million m² of geosynthetically-reinforced retaining walls,



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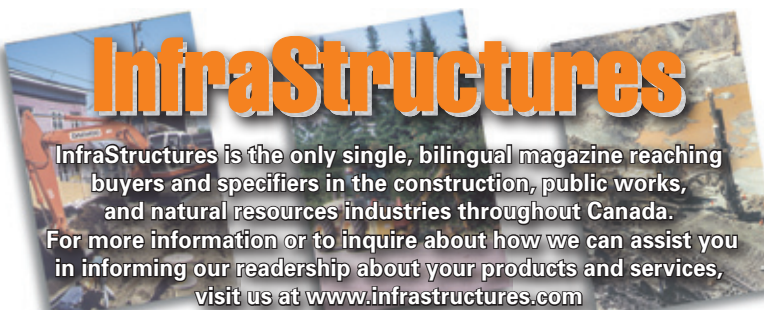
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Agenda

25th Annual National Organics Recycling & Compost Conference
September 16 - 18, 2015
Gatineau, QC Canada

ICUEE – The Demo Expo
September 29 - October 1, 2015
Louisville, KY USA

WaterSmart Innovations Conference and Exposition
October 7 - 9, 2015
Las Vegas, NV USA

Pavement Preservation & Recycling Alliance Fall Meeting
October 13 - 15, 2015
Niagara Falls, ON Canada

IMEX America 2015
October 13 - 15, 2015
Las Vegas, NV USA

NASTT & GLSLA Regional Trenchless Conference
October 15 - 16, 2015
Niagara Falls, ON Canada

CHINA MINING Congress & Expo 2015
October 20 - 23, 2015
Tianjin, China

Expo-FIHQ 2015
October 28 - 30, 2015
Montreal, QC Canada

Eco Expo Asia
October 28 - 31, 2015
Hong Kong

ICEF 2015 (International Construction Equipment Forum)
November 2 - 3, 2015
Amsterdam, The Netherlands

World Crane & Transport Summit 2015
November 4 - 5, 2015
Amsterdam, The Netherlands

Municipal Equipment Expo / Waste & Recycling Expo Canada
November 4 - 5, 2015
Montreal, QC Canada

2015 Trenchless Technology Road Show
November 17 - 19, 2015
Richmond/Vancouver, BC Canada

Water Expo China
November 18 - 20, 2015
Beijing, China

Landscape Ontario's 42nd Edition of Congress
January 12 - 14, 2016
Toronto, ON Canada

World of Concrete 2016
February 2 - 5; Seminars 1 - 5, 2016
Las Vegas, NV USA

The Rental Show
February 21 - 24, 2016
Atlanta, GA USA

The Work Truck Show
March 2 - 4, 2016
Indianapolis, IN USA

NASTT's 2016 No-Dig Show
March 20 - 24, 2016
Dallas, TX USA

World of Asphalt and AGG1
March 22 - 24, 2016
Nashville, TN USA

Atlantic Heavy Equipment Show
April 7 - 8, 2016
Moncton, NB Canada

bauma 2016
April 11 - 17, 2016
Munich, Germany

Expo Grands Travaux
April 22 - 23, 2016
Montreal, QC Canada

IFAT
May 30 - June 3, 2016
Munich, Germany

CONEXPO-CON/AGG 2017
March 7 - 11, 2017
Las Vegas, NV USA

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