

InfraStructures

CONSTRUCTION • PUBLIC WORKS • NATURAL RESOURCES

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
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A Brief Word...

Here we are in February, midway through Winter already, time flies when you are preoccupied! Between snowstorms and news storms, 2025 promises to see us lurch from whiteouts to right-outs (i.e.: right-out of order!). As I write this note to you loyal readers, we are still balanced on a knife edge of uncertainty, but in the words of Douglas Adams: "Don't Panic!"

As a net importer of equipment, most industry users have completed or are completing their procurement cycle for the coming year. Any impact on our sector will likely not be felt until into the second quarter, and in a worst-case scenario won't affect day-to-day operations until into Autumn. One thing the pending recession will do is sort the wheat from the chaff, painful as it may be. Those who innovate and look beyond their traditional horizons will weather the storm and emerge better equipped and have tighter focus. Those who knee jerk and go into hibernation will experience a long cold darkness.

It is not a time for doing things the way you have always done it. Nor is it the time to curl up and cry. We only control what we can, the future is beyond our remit.

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On the cover: The 34th edition of the world's leading trade fair for construction machinery, building material machines, mining machines, construction vehicles and construction equipment will be held in Munich, Germany, from April 7-13, 2025.

Visit 3,000 exhibitors from 60 countries, on 600,000 m² of space.

CATERPILLAR INVITES WORLD'S MOST SKILLED OPERATORS TO THE 3RD GLOBAL OPERATOR CHALLENGE

Caterpillar Inc. recently launched its 3RD Global Operator Challenge, inviting thousands of machine operators worldwide to put their agility, resilience and versatility to the test on a wide range of construction equipment and technology.

"For nearly 100 years, our customers have been pushing the limits with our

machines," said Caterpillar Construction Industries Group president Tony Fassino. "This challenge helps showcase and celebrate the exceptional skills of the expert men and women in this important profession as they forge their legacies of being the best operators in the world."

More than 140 Cat® dealer competitions were held during the 2022-2023 challenge, which attracted more than 10,000 operators from 32 countries. The 2025-2026

challenge aims to include more events, countries and operators than previous programs.

Operators are invited to compete in local challenges facilitated by Cat dealers around the globe during the first round, being held from January – September 2025.

The competitions will feature at least 3 different challenges on at least 3 separate pieces of equipment. Scoring is based on the operator's skills, safety, efficiency and competence in using integrated technology such as payload, grade control and operator ease-of-use features to enhance the machine's performance.

Winners from local dealer events will advance to regional semifinal competitions during the fall of 2025. Nine finalists will emerge from the regional semifinals and participate in the final competition in March 2026 at Caterpillar's outdoor Festival Grounds exhibit during CONEXPO-CON/AGG in Las Vegas. The winner receives either a \$10,000 cash prize or an equal value trip for two where Caterpillar has a location worldwide.

Source: Caterpillar Inc.

ATCO AUSTRALIA SELECTS GE VERNOVA FOR HYDROGEN-CAPABLE TURBINES

ATCO Australia, a division of Canadian Utilities Limited, announced that as part of its partnership with the South Australian Government to deliver the world-leading Hydrogen Jobs Plan project, it has awarded GE Vernova the supply of the LM6000 gas turbine, included in the GE Vernova LM6000VELOX packaged solution for the Whyalla hydrogen power plant.

The official announcement was made this week at the COP29 Australian Pavilion in Baku, Azerbaijan as part of the 29th United Nations Climate Change Conference.

The GE Vernova turbine is expected to become the first "aeroderivative" (derived from aviation jet engine technology) gas turbine capable of operating on 100% renewable hydrogen. This first-of-its-kind technology will power the Whyalla power plant and is expected to provide crucial firming capacity to support the energy transition in South Australia.

ATCO is actively developing hydrogen projects globally and has been selected by the South Australian Government as one of the key preferred partners for the design of what will be the world's biggest hydrogen power station, in Whyalla.

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"ATCO Australia has been part of the South Australia community since the 1960's delivering workforce housing and modular buildings. The company provides power generation via the Osborne Co-generation Power Station. ATCO Australia looks forward to continuing to support the South Australia community," said John Ivulich, ATCO Australia CEO and Country Chair. "South Australia is at the forefront of the global shift to clean energy, and our investment in 100% hydrogen-capable technology at Whyalla sets a new standard for what's possible.

ATCO Australia is participating in the Early Contractor Involvement (ECI) phase of the South Australian Government's Hydrogen Jobs Plan. During the ECI phase, ATCO Australia will work closely with other project delivery partners to undertake detailed project and engineering design, procure critical equipment, finalize contracting arrangements, and complete cost estimations. The project's operations are set to commence in 2026.

Canadian Utilities Limited, an ATCO company, is a diversified global energy infrastructure corporation delivering essential services and innovative business solutions. ATCO Australia develops, builds, owns and operates energy and infrastructure assets.

Source: Canadian Utilities

DACKE INDUSTRI DRIVES GROWTH WITH STRATEGIC ACQUISITION OF G-TEK

Dacke Industri has successfully acquired G-TEK AB, a leading provider of optimal Powerpack installations for OEM manufacturers of mobile vehicles across northern Europe. On December 12, 2024, Dacke Industri completed the acquisition of 98% of G-TEK's shares, the rest being held by the current management.

The strategic acquisition of G-TEK enhances growth by broadening the company's comprehensive offerings to OEM customers. This acquisition aligns with its long-term ambition to grow alongside companies that specialize in their own products and customized components and systems. By incorporating the expertise and knowledge shared by similar companies into the group, Dacke Industri is well-positioned to deliver substantial value to its customers and partners. G-TEK will become part of the Special Technology division.

Known for its dedication to excellent technical solutions and outstanding service, G-TEK serves a variety of industries, including mining, material handling, forestry, defense, and railways. The customers are mostly premium vehicle manufacturers, many of whom are global leaders in technological innovation. G-TEK maintains a global presence, delivering to production facilities worldwide, while fostering long-term collaborations with techni-

cal development teams primarily based in Sweden, Germany, Austria, Switzerland, the UK, and Finland. The company has its headquarters in Järfälla, Sweden, and sites in Motala, Sweden and Evergem, Belgium with about a total of 40 employees and an annual turnover of about kr175 million (\$22.8 million).

"It is very exciting to take this next step for G-TEK's future and become part of Dacke Industri. Dacke Industri is a very

Hitachi Construction Machinery Wins Silver in the 2024 Anthem Awards

The Anthem Awards recently announced that Hitachi Construction Machinery won a silver award for the ultra-large full battery dump truck in the Responsible Technology category. The Anthem Awards, presented by the Webby Awards, celebrate the purpose and mission-driven work of the individuals, companies, and organizations making a difference worldwide.

"We are honored to receive an Anthem Award for the world's first original equipment manufacturer to develop an ultra-large full battery dump truck and test it on an active mine site. This win in the Responsible Technology category is a testament to how we plan to build the future sustainably and reliably," said Eiji Fukinishi, Hitachi Construction Machinery vice president and executive officer, president of Mining Business Unit. "Mining companies around the world are working to reduce emissions and as an original equipment manufacturer, it is our vision to provide solutions that can reduce our customers' environmental footprint. The battery dump truck represents the future, not only for the Hitachi Construction Machinery Group but for the mining industry as a whole."

The 4th annual Anthem Awards was the most competitive season yet with more than 2,300 entries submitted from 34 countries worldwide. The full battery dump truck, jointly developed with ABB Ltd., proved to be one of the most responsible technologies submitted. Based on Hitachi Construction Machinery's extensive experience with dump trucks equipped with trolley dynamic charging systems, the full-battery dump truck can continuously operate by directly charging from the overhead lines and the regenerative braking system. Additionally, the battery weight has been managed to minimize it from the percentage of the overall vehicle weight and help maximize the load capacity to optimize cost performance thanks to the dynamic charging solutions.

This truck represents a seismic shift in the mining industry as environmental awareness rises. Mining companies worldwide are looking to reduce their carbon footprint and create the least amount of environmental impact possible. Having electric machinery in these mines will help companies prove to the world that there is a possibility to mine sustainably with limited environmental impact. The Hitachi Construction Machinery Group plans to accelerate its efforts to put the full battery dump truck into practical use to help mines achieve net zero greenhouse gas emissions from mining machinery.

Source: Hitachi Construction Machinery Co., Ltd.



strong and competent owner, and we together see great possibilities to develop further and expand the G-TEK business,” said Thomas Larsson, CEO and part-owner of G-TEK.

“Acquiring G-TEK is another key step in our efforts to become an essential partner to OEMs, supplying end-users worldwide with premium products. G-TEK’s customer base is exciting, and they operate in areas we are very familiar with. By partnering with G-TEK, we are open to deeper coop-

eration with certain segments we value very highly and know we can bring value to. We are very happy that Johan saw the strengths we can bring to G-TEK long term,” said Lars Fredin, Group CEO and president of Special Technology of Dacke Industri and chairman of G-TEK.

Source: Dacke Industri AB

JT EQUIPMENT PARTNERS WITH LAURINI

JT Equipment Corp. recently announced its newest partnership with Laurini, a

global leader in cutting-edge machinery for pipeline, tunneling, and sheet piling.

This partnership means Alberta’s construction and infrastructure sectors can now access Laurini’s innovative solutions, designed for oil, gas, and water pipelines, highway tunnels, and driving sheet piles.

“We’re proud to bring these high-quality, efficient, and sustainable solutions to Alberta, ensuring safer operations, reduced downtime, and improved economic performance,” said Josh Arnold, president of JT Equipment.

Founded in 2009, JT Equipment is a construction equipment service and supply company primarily servicing southern Alberta. With 2 shop locations, in Brooks and Calgary, JT Equipment can handle most any repair or overhaul.

Source: JT Equipment Corp.

HEXAGON ACQUIRES INSPECTION AND 3D MODELLING SOFTWARE CAPABILITIES FROM 3D SYSTEMS

Hexagon recently announced the acquisition of 3D Systems’ Geomagic suite of interoperable software packages, which are used to create high quality 3D models from multiple sources, including laser scanning.

The Geomagic suite, which includes products such as Design X, Control X, Freeform and Wrap, is capable of automating the processing of 3D scan data to build digital models from physical objects, which can then be used to generate history based parametric CAD models for use in product manufacturing. The Geomagic software tools can also be used to undertake initial free-form design, modify existing CAD models and to accurately measure and inspect parts for quality control purposes when finished. The acquired capabilities will strengthen the existing software portfolio of Hexagon Manufacturing Intelligence and combine with its leadership in portable metrology sensors to deliver a sophisticated suite of solutions across the full range of manufacturing applications.

“The combination of Geomagic and our existing solutions will further strengthen our market leadership in 3D metrology and reengineering, demonstrating our commitment to deliver increasingly user friendly tools capable of executing complex tasks, so our customers can bring innovative, high quality products to the market at speed and with confidence. We look forward to welcoming the Geomagic team

Mobile Pumps Make Industry More Flexible

Bringing maximum flexibility and rapid operational readiness, especially in changing or unpredictable working environments, mobile pumping solutions are assuming increasing importance in industrial settings. Responding to this development, Lutz Pumpen will present the B70H eccentric screw pump, which can be flexibly mounted on a transport trolley, and the battery-powered B3 Battery drum pump at the Pumps & Valves 2025 trade fair to be held February 19-20, 2025 in Dortmund, Germany.

The B70 series eccentric screw pumps are used in industrial applications to pump watery to highly viscous liquids with up to 100,000 mPas and media containing solids and shear-sensitive media.

This can range from diesel and oil in the raw materials industry, to caramel and pasta products in the food industry and toothpaste and creams in the cosmetics industry.

The B70 series eccentric screw pumps also guarantee low levels of pulsation during operation. With a 3-phase motor producing up to 900 rpm, the pumps achieve a flow rate of up to 120 l/min, a delivery head of up to 6 bar and are suitable for immersion depths between 500 mm and 2,500 mm. It is also possible to measure the flow rate indirectly via the speed of the rotor. “Responding to the need of some users for a mobile solution that enables them to deploy the pump at several locations, we have launched the B70H for horizontal use on a transport trolley that can be easily pushed by one person. This solution is also suitable for confined spaces – for example in areas with low ceilings.”

Lutz Pumpen will also present the B3 Battery, a battery-powered drum pump suitable for mobile operation to empty liquids from drums, canisters and IBC containers. This new pump has a range of uses that include transferring acids, bases and solvents in the chemical industry, pumping liquids such as syrups, essences and cleaning agents in the food and beverage industry and pumping fertilisers or pesticides in water treatment and agricultural applications.

Source: Lutz Holding GmbH



to Hexagon,” said Norbert Hanke, interim president and CEO.

Source: Hexagon AB

FIRST-OF-A-KIND LOW-CARBON HYDROGEN PROJECT USING THERMAL PLASMA ELECTROLYSIS IN CEMENT PRODUCTION

Cemex Ventures, Cemex’s corporate venture capital (CVC) and open innovation unit, announced today an initial hydrogen deployment at industrial scale with HiiROC, the pioneering British hydrogen company that produces affordable, clean hydrogen, at its Rugby cement plant in the UK. Hydrogen has emerged as a lowcarbon energy source within the construction industry’s decarbonization roadmap and offers potential as an energy solution to help reduce the sector’s reliance on fossil fuels and lower CO2 emissions. This venture marks a significant milestone for Cemex, as it represents the beginning of a large-scale strategic project plan with the aim to further lower its carbon emissions in cement production.

HiiROC produces carbon-neutral hydrogen using its proprietary Thermal Plasma Electrolysis (TPE) process, which requires just one-fifth of the electrical energy used in water electrolysis and captures carbon as a solid byproduct, avoiding CO2 emissions – a game-changer for the industry.

HiiROC’s modular solution can be deployed as single units to full-scale industrial plants. The hydrogen produced can be used as an alternative energy source to fuel clinker production processes, helping Cemex to achieve its decarbonization goals.

“Our investment into this breakthrough project with HiiROC reinforces Cemex’s commitment to transform the industry by working hand in hand with disruptive startups and new technologies,” said Gonzalo Galindo, head of Cemex Ventures.

“Hydrogen as an alternative source of energy has the capacity to significantly reduce the CO2 emissions produced in our operations, aligning with our 2050 goal to become a net-zero CO2 company and be industry leaders in the industrial use of hydrogen.”

“This deployment with Cemex marks a significant development in the use of HiiROC’s technology and another milestone in the rollout and production of affordable, clean, and scalable production units for a hard-to-decarbonize industry,” said Tim

Davies, HiiROC’s co-founder and CEO.

This milestone is part of a longrunning strategic partnership between Cemex and HiiROC, which began in 2021 with an initial investment through Cemex’s corporate venture capital arm. Two years later, in 2023, the construction giant increased its stake in HiiROC to expand its hydrogen capacity at its pivotal cement plant in Rugby, UK.

This project is part of the roadmap for Future in Action, Cemex’s sustainability and decarbonization program, with the primary objective of becoming a net-zero CO2 company by 2050. Through Future in Action, Cemex has achieved company record-breaking progress in reducing its carbon footprint since its launch in 2020.

HiiROC is a pioneering British hydrogen company dedicated to accelerating Net Zero by transforming the future of clean hydrogen. HiiROC’s proprietary process – Thermal Plasma Electrolysis – makes clean, affordable hydrogen using only one-fifth of the electricity required by water electrolysis while producing no carbon dioxide – an industry game-changer.

Source: Cemex

VESTAS WINS 224 MW ORDER FOR 2 PROJECTS IN SWEDEN

Vestas has received a 224 MW order from Vinliden Vindkraft AB for the 70 MW Vinliden and 154 MW Fjällberg projects in Sweden. The projects are a joint venture of funds managed by Prime Capital AG and Polhem Infra, a leading renewables and infrastructure investor in the Nordics. Sweden is a leader in onshore wind energy with one of Europe’s highest penetration-sof renewable energy in the grid.

The 2 projects are located in the county of Västerbotten in Northern Sweden in a region where the renewable energy industry has been active for decades and where several new companies find the area suitable for new energy projects.

The order includes supply, delivery, and

commissioning of 35 V162-6.4 MW wind turbines with 24 units for Fjällberg and 11 units for Vinliden, all equipped with Vestas

Anti-icing Solution. Upon completion, Vestas will service the turbines under a long-term Active Output Management 5000 (AOM 5000) service agreement designed to ensure optimised performance of the assets with the support of local service technicians for decades to come.

“We are thrilled and grateful for the trust that Prime Capital and Polhem Infra are putting in Vestas and our EnVentus platform. We are looking forward to working closely together throughout the next years.” said Anna Schlasberg Wachtmeister, vice president Sales North West at Vestas. “While there have been some setbacks in Sweden’s green transition, investments like this one underline the continued demand for clean and cost efficient energy and are clearly leading the way by persistently pushing forward despite challenging times.”

“We are delighted to partner with Polhem Infra on these 2 projects. This strategic partnership marks a significant milestone in our journey towards sustainable energy solutions,” stated Dr. Mathias Bimberg, Head of Infrastructure at Prime Capital. “We are grateful for the collaboration with Vestas. Together we make a difference in the renewable energy sector in Sweden.”

“As our clear focus is on investing in a sustainable infrastructure for future generations, we are proud to partner with Prime Capital on these projects. Having the right technology to lead the energy transition is of course key to succeed and we believe this can be achieved together with Vestas.” said Anna Elmfeldt, CEO at Polhem Infra.

Turbine delivery is expected to begin in the Q2 of 2026 with commissioning scheduled for completion in the Q4 of 2026.

Source: Vestas

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MANITEX INTERNATIONAL ANNOUNCES CLOSING OF ITS ACQUISITION BY TADANO

Manitex International, Inc. recently announced the closing of its acquisition by Tadano Ltd. Under the terms of the previously announced agreement, Manitex shareholders are receiving US\$5.80 (\$8.38) in cash for each share of common stock they own. Following the acquisition, Manitex is a wholly owned subsidiary of Tadano, and Manitex's shares are no longer publicly traded.

Manitex International is a leading provider of mobile truck cranes, industrial lifting solutions, aerial work platforms, construction equipment and rental solutions that serve general construction, crane companies, and heavy industry. The company engineers and manufactures its products in North America and Europe, distributing through independent dealers worldwide. Brands include Manitex, PM, Oil & Steel, Valla, and Rabern Rentals.

Since Tadano developed Japan's first hydraulic truck crane in 1955, the company has grown globally, while constantly striving to implement its Corporate Philosophy

of Creation, Contribution, and Cooperation.

The Tadano Group delivers its Core Values – Safety, Quality, and Efficiency Based on Compliance (C+SQE) – in each and every one of its products and services.

Source: Tadano Ltd.

AECOM-LED JOINT VENTURE TO DELIVER CRITICAL RAIL IMPROVEMENTS ALONG AMTRAK'S NORTHEAST CORRIDOR

AECOM recently announced that an AECOM-led joint venture with STV has been selected by Amtrak to provide project management services for the Sawtooth Bridges Replacement Project, a key component of the Gateway Program that aims to address state of good repair needs and double passenger train capacity on the most congested section of the Northeast Corridor (NEC).

The Sawtooth Bridges were originally constructed in 1907 and serve as a critical link in the NEC, supporting more than 400 daily trains operated by Amtrak and NJ TRANSIT over tracks used by NJ TRANSIT, PATH and Conrail freight trains. Their age and structural deficiencies limit train

speeds to 100 km/h, creating bottlenecks that impact rail operations for intercity and commuter services. The project will deliver 3 new bridges along a 3 km corridor in Kearny, New Jersey, between Newark Penn Station and Secaucus Junction

The joint venture will utilize a multi-phased alternative delivery approach to implement project planning and oversee delivery of the upgraded and new structures. As project manager, it will oversee design coordination and manage interactions with railroads, utilities, and third parties. The team consists of multi-disciplinary engineers specializing in civil, geotechnical, structural, and environmental engineering.

Funding from the Federal Railroad Administration has enabled Amtrak to advance several megaprojects along the NEC aimed at modernizing critical infrastructure, improving station facilities, and supporting future ridership growth. Among these funded projects, AECOM is involved in the Frederick Douglass Tunnel Program, the Connecticut River Bridge Replacement and the Susquehanna River Rail Bridge Project.

Source: AECOM

H2O INNOVATION EXPANDS NORTH AMERICAN FOOTPRINT WITH NOVEL WATER AND WASTEWATER PROJECTS

H2O Innovation Inc. recently announced the award of several capital equipment projects to its Water Technologies & Services (WTS) business line. This is the result of the strong work of its team and commitment towards delivering top of the class solutions to its clients.

After having secured and performed the engineering portion of the work, H2O Innovation is now under contract for the fabrication and supply of its largest wastewater treatment facility in Canada. It will provide a 67,000 m3/d 6-train ultrafiltration facility for the City of Innisfil, Ontario, for the treatment of secondary effluent to minimize the discharge of phosphorous into Lake Simcoe. H2O Innovation had provided a 38,000 m3/d drinking water facility to the City of Innisfil back in 2017.

Another project is located in the Province of Quebec. The Naskapi Nation of Kawawachikamach is implementing a major upgrade to their drinking water facility. The Corporation provided the initial phase back in 2007 and has been providing

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maintenance and operation services since the original plant start-up. The expansion will include the addition of a second nano-filtration train, along with the associated pre and post treatment unit operations, to provide a total capacity of 1,100 m3/d.

The southwestern part of Ontario, is also seeing the addition of a project. A new municipal wastewater treatment facility for a rapidly growing community will be implemented. The system will be a 3-train membrane bioreactor (MBR) using an enhanced biological phosphorus removal (EBPR) process to treat up to 886 m3/d. In an innovative delivery model, H2O Innovation will be supplying the biological and membrane tanks along with prefabricated buildings with all industrial mechanical equipment pre-installed, plumbed and wired to minimize on site installation and overall project cost as well as shorten the overall schedule.

In Cheltenham, Maryland, a packaged membrane bioreactor (MBR) wastewater treatment system with the Maryland Environmental Service (MES) was confirmed.

The system is designed to meet very stringent nutrient limits on the effluent for both nitrogen and phosphorus. A ceramic-based membrane solution was selected and will be implemented to treat the phase 1 flow of 11,500 m3/d.

Finally, a new project in the U.S. will see the Corporation provide its 3rd facility to a battery recycling company. The new 3-train, 4,900 m3/d reverse osmosis (RO) project will complement the existing ones and is part of a wider partnership where the Corporation is also renting one of its mobile ultrafiltration-based FlexBox unit to this same client.

Source: H2O Innovation Inc.

GOODYEAR ANNOUNCES SALE OF DUNLOP BRAND TO SUMITOMO

The Goodyear Tire & Rubber Company recently announced that it has signed a definitive agreement to sell the Dunlop brand, comprising trademarks and intangible assets necessary for operations of the brand business in Europe, North America and Oceania for consumer, commercial

and other specialty tires, together with certain associated intellectual property, to Sumitomo Rubber Industries, Ltd.

The sale of the Dunlop Brand follows a previously announced strategic review of the brand in connection with the Company's Goodyear Forward transformation plan. Pursuant to the transaction terms, SRI will pay Goodyear cash proceeds at closing of approximately \$701 million (\$1 billion) for the transfer of the Dunlop Brand across the relevant geographies, a "Transition Fee" for support in transitioning the Dunlop Brand to SRI, and the purchase of Dunlop tire inventory.

The transaction also provides for additional ongoing offtake, licensing and other arrangements which are detailed below.

"This is another important milestone as we continue to execute against our Goodyear Forward transformation plan. We are optimizing our portfolio and reducing leverage to drive sustainable and substantial shareholder value creation," said Mark Stewart, Goodyear CEO and president. "Not only does the transaction deliver significant value for our shareholders, it better positions Goodyear to enhance our focus on the growth of our core brands."

"Our team conducted a comprehensive process focused on maximizing value for Goodyear through a divestment of our Dunlop Brand, and we are very pleased with the outcome achieved," said Christina Zamarro, executive vice president and CFO. "We are committed to working closely with SRI to ensure a smooth transition for customers of the Dunlop Brand."

The transaction is subject to regulatory approvals, other customary closing conditions and consultations and is expected to close by mid-2025. Goodyear intends to use transaction proceeds to reduce leverage and fund initiatives in connection with the Goodyear Forward transformation plan.

Source: The Goodyear Tire & Rubber Company

MOTION EXPANDS FURTHER IN CANADA

Motion Industries, Inc. recently announced the signature of a definitive purchase agreement to acquire the operating assets of Canadian-based Stoney Creek Hydraulics.

Founded in 1998, Stoney Creek Hydraulics specializes in hydraulic and pneumatic cylinder manufacture/repair. Cylinders are

built according to customer blueprints or designed by the engineering team to meet a customer application's specific requirements.

Repair services include cylinder inspection, machining and testing with precision. The company is named for its location in Stoney Creek, Ontario.

"We are excited to begin a new chapter as part of the Motion team," said Patrick Gauthier, owner of Stoney Creek Hydraulics. "It is a great fit—both companies are customer-focused and share the same high values and service standards. The future is very bright for us and our customers as we combine resources and deepen our offerings."

"As we continue to execute our acquisition strategy to grow our services, we are pleased to welcome Stoney Creek Hydraulics employees to Motion. Their skills and capabilities will bolster our hydraulic offering in Canada and complement our mechanical repair services in the region," added James Howe, President of Motion.

Source: Motion

MACK TRUCKS CELEBRATES 125 YEARS OF DRIVING THE WORLD FORWARD

What started with 2 brothers and a dream in a small Brooklyn workshop has grown into a global transportation powerhouse that has literally helped build America. Mack Trucks, celebrating its 125th anniversary in 2025, has been the muscle behind many of America's greatest achievements – from hauling materials for the Hoover Dam, to collecting waste in cities nationwide with its revolutionary zero tailpipe-emission electric vehicles.

When the Brooklyn Bridge needed strengthening in 1909, Mack Trucks carried the steel. When the Pan-American Highway stretched toward the horizon, Mack Trucks carved the path. Through the Great Depression, 2 World Wars, and into the modern era, Mack has been the constant force helping to construct America's skylines, highways and infrastructure.

The iconic Mack Bulldog – now synonymous with durability worldwide – earned its stripes on the battlefields of World War I, where British soldiers nicknamed the sturdy Mack AC models "bulldogs" for their tenacious reliability under fire.

This wartime nickname became destiny when chief engineer Alfred Fellows Masury carved the first Mack Bulldog hood orna-

ment from a bar of soap during a hospital stay in 1932 to pass the time. Today, that same symbol of determination rides proudly on every Mack truck, representing a century-plus commitment to unwavering quality and strength.

"What's remarkable about Mack's 125-year journey is how the core values have remained constant even as the technology has evolved," reflected Doug Maney, curator of the Mack Trucks Historical Museum.

As Mack enters its next century and a quarter, the company is leading the charge toward sustainable transportation. The deployment of the LR Electric refuse trucks in major cities has shown that zero tailpipe emission vehicles can be used in the most demanding applications. In addition, the MD Electric series is transforming medium-duty applications from beverage delivery to local freight.

Source: Mack Trucks

Vemaventuri and Core Sensing Enter Into Strategic Partnership

Digitalization is making its way onto the construction site! Vemaventuri GmbH, a wholly owned subsidiary of PERI SE, and core sensing GmbH have entered into a strategic partnership to revolutionize the construction industry with innovative solutions. Together, the companies want to drive digitalization on the construction site and set new standards in terms of efficiency and safety.

Vemaventuri specializes in comprehensive solutions for monitoring and optimizing concreting processes and increasing the efficiency of construction site workflows. By integrating state-of-the-art sensor technology, the company enables precise data acquisition and evaluation. This ensures greater safety and control on the construction site and makes a significant contribution to increasing efficiency.

core sensing GmbH is a leader in the transformation of mechanical components into intelligent, wireless sensor systems. With its intelligent and integrated sensor solutions, it is setting new standards in Industry 4.0. In close partnership with customers from the construction, mining and production machinery sectors, among others, core sensing offers full-stack solutions and supports them from brainstorming and conception through to industrial series production and beyond. Its solutions make it possible to use real-time data from machines and systems to increase efficiency in terms of condition monitoring, reduce maintenance costs and develop new digital business models.

As part of the strategic partnership, Vemaventuri and core sensing will pool their expertise and jointly develop new products for the digitalization of the construction site.

By combining the strengths of both companies, innovative solutions will be created that will change the construction industry in the long term. The partnership offers customers numerous the benefits of greater efficiency, and increased safety.

Vemaventuri and core sensing will be presenting their jointly developed solution at bauma in Munich from April 7 to 13, 2025. Both companies will be exhibiting at the world's leading trade fair for construction machinery, building material machines, mining machines, construction vehicles and construction equipment.

Source: Vemaventuri



From l. to r.: Christoph Miks, director Customer Solutions, core sensing GmbH; Michel Seeger CEO, Vemaventuri GmbH



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DEVELON Showcases 3 Machines at World of Concrete

DEVELON was back in Las Vegas in January. The company displayed 3 machines in its booth at World of Concrete, January 21-23, 2025. The construction equipment included a compact track loader, mini excavator and wheel loader, plus attachments.

Visitors to the DEVELON exhibit in the Las Vegas Convention Center had the opportunity to see the following equipment:

- DTL35 compact track loader with a grapple and angle broom
- DX62R-7 mini excavator with a breaker
- DL280-7 wheel loader with a 2.3 m3 bucket

"World of Concrete attendees can get hands-on with our compact equipment, which is perfect for excavating and grading



tasks in the construction industry, as well as our 2.8 m3 wheel loader," said Winta Bereket, marketing manager at DEVELON. "The DL280-7 wheel loader is equipped with our exclusive Transparent Bucket feature, and attendees can activate the safety

technology from inside the machine's cab." Experts from DEVELON were on hand to provide walk-arounds and answer questions.

Since DEVELON launched the DTL35 compact track loader in summer 2024,

Oxford County Selected as Host of the AORS 2025 Annual Municipal Public Works Trade Show

Oxford County has been chosen to host the 2025 Annual Municipal Public Works Trade Show at the Woodstock Fairgrounds in Woodstock, Ontario.

The Oxford County Road Supervisors Association learned its bid was selected by the Association of Ontario Road Supervisors (AORS) at the Annual General Meeting on April 17, 2024.

Set for June 4-5, 2025, the Public Works Trade Show will bring hundreds of exhibitors and over 2,000 municipal attendees to the County to learn the latest developments in the management of municipal roads infrastructure. This is a tremendous opportunity to showcase the community, its commitment to excellence, and the strength of Oxford's municipal partnerships.

The work to plan this long-standing industry event is well underway, with the help of the many local partners who were part of the formal bid or who have offered their support. This includes the Woodstock Fairgrounds in Woodstock, where the trade

show will be held, and Craigowan Golf Course, host of the Ross Mackenzie Golf Tournament & Dinner on June 3, 2025.

The organizers extend their thanks to everyone who supported their bid.

"We look forward to sharing more with the community as we move along this process," said Jim Borton, secretary/treasurer, Oxford County Road Supervisors Association, director, Public Works, Township of Blandford-Blenheim, and representative, Association of Ontario Road Supervisors.

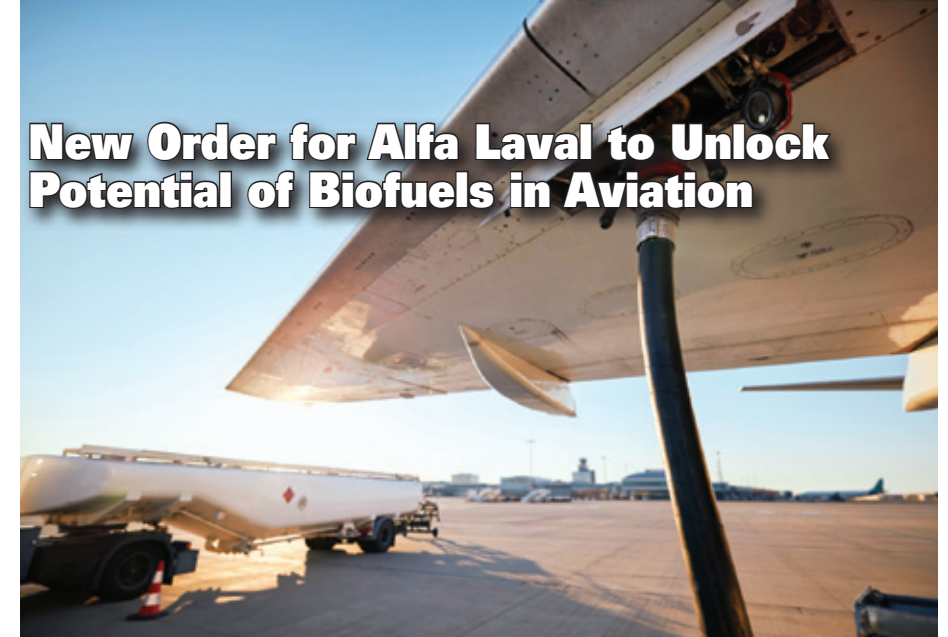
The Oxford County Road Superintendents Association is made up of the municipalities of City of Woodstock, County of Oxford, Town of Ingersoll, Town of Tillsonburg, Township of Blandford-Blenheim,

Township of East Zorra-Tavistock, Township of Norwich, Township of South-West Oxford, Township of Zorra. It is one of 32 local members of the Ontario Road Supervisors (AORS), a provincial association of public works professionals dedicated to providing high-quality public services through certification, educational programs and interaction among its members.

Source: Oxford County Road Supervisors Association



New Order for Alfa Laval to Unlock Potential of Biofuels in Aviation



there has been significant interest from dealers and customers in various industries.

DEVELON also introduced a compact equipment attachment lineup for the new DTL35, offering more than a dozen attachments to enhance the compact track loader's versatility.

DEVELON mini excavators, including the reduced tail swing DX62R-7 on display at World of Concrete, come standard with an enclosed cab, heat and air conditioning.

Operators can work in comfort from inside the cab when they're trenching, lifting materials or performing demolition tasks.

The DL280-7 wheel loader is the ideal size for many of today's construction projects.

Small enough to work on busy job sites, the machine is capable of performing grading and loading tasks. It offers exceptional operator visibility from inside the cab, plus the standard Transparent Bucket feature.

Source: DEVELON North America

Registration Open for PDAC 2025

PDAC 2025 will host the global mineral exploration and mining industry at the Metro Toronto Convention Centre on March 2-5, 2025,



The Prospectors & Developers Association of Canada (PDAC) is pleased to announce that registration for the PDAC 2025 Convention is now open.

The 93rd annual PDAC Convention will feature cutting-edge programming and a world-class trade show with over 1,100 exhibitors. Building on the success of PDAC 2024, which attracted nearly 27,000 attendees from 138 countries, this year's convention offers unmatched opportunities for collaboration, learning, and innovation in the sector.

Source: The Prospectors & Developers Association of Canada (PDAC)

Driving the global energy transition towards biofuels, Alfa Laval has secured 2 contracts worth kr350 million (\$45.6 million) to supply cutting-edge HVO pre-treatment technology to Europe's largest biofuel facility. The facility, a joint venture between Cepsa Bioenergia San Roque S.L. (CSBR), and Bio-Oils Energy, part of the Apical Group, will produce 500,000 t/y of sustainable aviation fuel (SAF) and renewable diesel, addressing the growing demand for cleaner, renewable energy sources.

Biofuels are crucial in the decarbonization of our societies, providing a lowcarbon solution for existing technologies. In the transportation sector, they play a significant role in the shift towards net-zero emissions. However, the current demand for biofuels far exceeds the available supply, highlighting the need for increased production and innovation to meet this growing need.

"The biggest challenge in the biofuel industry is to triple the capacity by 2030. The volume increase is essential, and we are excited for Alfa Laval to play an important role in this transition," said Sammy Hulpiau, president, Food & Water Division. "The trust placed in us by CSBR ensures that Alfa Laval significantly contributes to

the necessary increase of biofuels in aviation, and the transformation of the entire industry."

Alfa Laval's Food & Water Division will supply 2 different pre-treatment units to CSBR's €1.2-billion (\$1.8 billion) project. The construction of the plant is an important step on the journey towards decarbonizing the global transportation sector and will double CSBR's total renewable fuels production capacity to 1 million t/y. The plant is designed to emit 75% less CO₂ than a traditional biofuel plant.

The facility, planned to be up and running during 2026, is currently under construction in Huelva, Spain. Did you know... that road travel, flights, and shipping account for nearly a quarter of the world's greenhouse gas emissions? Biofuels offer a promising solution to keeping transportation efficient while reducing emissions.

Alfa Laval is a Swedish company founded 140 years ago. It is a global provider of first-rate products in the areas of heat transfer, separation and fluid handling.

Source: Alfa Laval

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DEVELON at The ARA Show 2025

Attendees at The ARA Show, held January 30 – February 1 in Las Vegas, had an opportunity to see 4 DEVELON machines and several attachments on display.

DEVELON's booth featured:

- the DTL35 compact track loader with a root rake grapple;
- the DX35Z-7 mini excavator with a heavyduty bucket;
- the DL220-7 wheel loader with a 3-yard bucket and Transparent Bucket technology; and
- the DD100 dozer with a 3-shank parallel ripper.

"We're pleased to be part of the American Rental Association and exhibit our equipment at the 2025 ARA Show," said Winta Bereket, marketing manager at DEVELON. "Our booth features a mix of our compact and heavy construction equipment, plus attachments, for ARA members wanting to grow their equipment fleets in



2025 and learn about our machines from our subject matter experts."

New in 2024, the DTL35 compact track loader offers 115.3 hp for exceptional capacity and pushing power. When working in tight spaces, the DTL35 can be paired with the DEVELON DX35Z-7 mini excavator. The zero tail swing mini excavator offers impressive digging and

lifting capabilities, and it comes standard with an enclosed cab with heating and air conditioning.

The DL220-7 wheel loader is the ideal size for many contractors who need to rent a high-performing wheel loader to supplement their construction equipment fleets. It comes standard with DEVELON's exclusive Transparent Bucket technology

Expanded Storage Capacity Supporting Increased Use of Recycled Mono Propylene Glycol for Deicing Products

Clariant inaugurated its expanded storage facilities, in November. It will support the use of recycled mono propylene glycol (MPG), used in its aircraft deicing fluids.

Two new storage tanks and a truck unloading station have been installed at the company's Uddevalla facility in Sweden to increase capacity and optimize handling of the product.

In 2023, the Clariant facility began using significant amounts of recycled MPG for Type I deicing products, offering customers high-performance products with, on average, a more than 25% lower product carbon footprint compared to those made from virgin fossil-based MPG. The intended use of even more recycled material than at present will also help Clariant to reduce Scope 3 emissions.

The Uddevalla plant supplies airports, airlines and service providers in the Nordic and Baltic countries. The additional capacity at Uddevalla will enable Clariant to optimize operations and efficiency while continuing to drive sustainable value creation, supporting the company's circular



economy principles.

"The expanded storage and handling capacity in Uddevalla allows us to capture and reuse more recycled propylene glycol, reducing waste and the need for virgin fossil-based materials," explained Sven Dammann, head of Aviation EMEA at Clariant. "This investment underscores our commitment to increasing the sustainability of our portfolio through innovative recycling solutions."

To initiate the recycling process, the run-off material of deicing operations

at airports is collected and can then be cleaned and pre-concentrated to approximately 50-60% at Clariant's facility located at Oslo airport, for example.

The concentrate is transported to a partner for final processing into industrial grade glycol. Uddevalla takes this type of recycled glycol for the proportionate use in the production of SAFEWING™ Type I, helping to close the recycling loop.

Source: Clariant

Ovako Further Reduces Emissions at Its Boxholm Facility with a Rebuilt Furnace

for enhanced safety and operator visibility.

A good fit for residential and commercial construction projects, the DD100 dozer is easy to operate, offers low maintenance costs and is designed for superior operator visibility. Skyblack Rentals in Texas recently purchased its fourth DEVELON DD100 dozer and is pleased with the machines' durability and operator comfort. Customers working in the Houston area rent the dozers to perform grading tasks with the machine's dozer blade.

Every new DEVELON machine comes standard with MY DEVELON fleet management. Customers can access machine data remotely to monitor machine performance and minimize downtime. Select new DEVELON machines include full warranty coverage for 36 mo. or 5,000 h, whichever comes first.

Source: DEVELON North America



Ovako has passed yet another important milestone on its journey toward a more sustainable steel-making future. In the summer of 2024, the furnace at its Boxholm facility in Sweden that heats steel to rolling temperature was rebuilt, enabling the fuel to be switched from oil to operation with a more environmentally friendly fuel.

The new furnace is now powered by an oxyfuel mixture of oxygen and propane. This change from oil not only reduces carbon emissions but also halves the energy consumption.

The switch to this new fuel will also enable a future transition from propane to fossil free hydrogen produced by the electrolysis of water, making the process even more environmentally compatible – a goal that Ovako aims to achieve for all of its furnaces.

The €5 million (\$7.5 million) investment is part of Ovako's long-term strategy to reduce its climate footprint and create a sustainable steel industry for future generations.

This is also a clear example of Ovako's commitment to responsible and long-term steel production and underscores the company's leadership in the sustainable transformation of the steel industry. The new furnace at Ovako's Boxholm facility will be inaugurated at the end of March 2025.

Source: Ovako



From l. to r.: Torbjörn Sörhuus, Nicholas Källsäter & Hans Nycander © SaiVa Zalkalns

Safe at Sea Chosen by the Guardia Costiera Italiana

Safe at Sea AB, in collaboration with its Italian partner Stemar Composite Technology S.R.L., has won a procurement contract with the Guardia Costiera Italiana (Italian Coast Guard - ITCG) for the delivery of 5 RescueRunner systems, with an option for an additional 40 units.

The RescueRunner system is known for its exceptional flexibility and capability to operate in challenging and shallow waters, making it an ideal choice for the diverse missions of the coast guard. This order represents a significant milestone for Safe at Sea in the European market, paving the way for future collaborations and growth opportunities.

Delivery of the initial 5 RescueRunner systems is scheduled to commence in Q1 2025. The order value amounts to approximately kr2,600,000 (\$338,000). The option



for an additional 40 units may be exercised depending on ITCG's future operational requirements and needs.

"We are thrilled that ITCG has chosen to invest in our RescueRunners-System. We look forward to supporting the Italian Coast Guard in their vital mission to save lives at

sea," said Lukas Brehm, vice president of Safe at Sea.

Safe at Sea AB designs, is a Swedish manufacturer of light, flexible and cost efficient Search-and Rescue systems.

Source: Safe at Sea AB

FPT Industrial at bauma CHINA

FPT Industrial, the Iveco Group brand dedicated to powertrains and power generation applications, was at bauma CHINA.

Attendees of the leading trade fair for the entire construction and building-material machine industry in China and throughout Asia were able to discover FPT Industrial's vision of the future of construction vehicles and machinery. At its core, the company's multi-energy approach – based on continuing to invest in internal combustion engine (ICE) development, while positioning itself as a zero-emission solution provider – will allow it to meet all the needs of the construction industry, while fully complying with emission standards.

FPT Industrial is continuing to invest in internal combustion engines, considering them central in its decarbonization program.

FPT Industrial's comprehensive offering features engine families with power ranges from 40 to 670 kW (55 to 900 hp)

and displacements from 2.8 to 20 l. This wide horsepower range enables a huge number of applications. These engines can also be used as a secondary power source.

The F28 is designed to be multi-power and features a modular architecture. In addition to the diesel version, which is already available on the market, there are also versions developed to run on natural gas and suitable for hybrid applications, providing the best performance in all working conditions and ensuring maximum installation flexibility.

The F36 delivers high performance

with low operating costs and reduced fuel consumption. All these qualities are fundamental for construction equipment appli-



cations in this size. The optimized design of the turbochargers and pistons ensures excellent power and torque density.

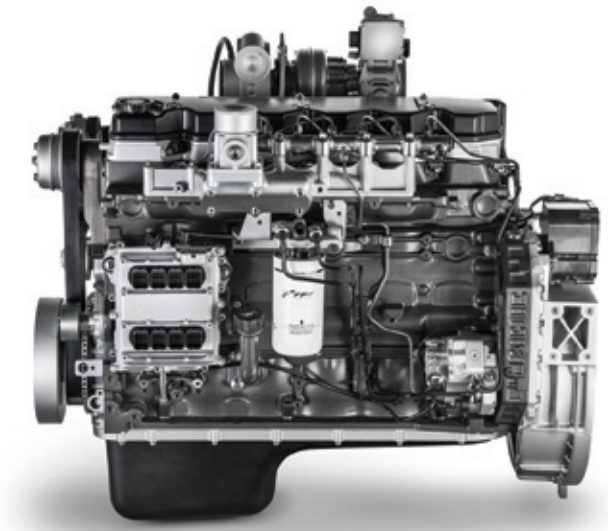
The NEF series is the best example of FPT Industrial's technological excel-

lence. Since 2001 over 2 million of these engines have been produced for a range of applications, including construction equipment. The CURSOR family is FPT Industrial's engine series developed for the most demanding heavy-duty off-road requirements, designed to provide high performance, robustness, and reliability for applications with highly intensive missions, ensuring low operating costs and maximum productivity. First launched in 1998, the CURSOR range has undergone continuous improvements to keep pace with growing customer requirements in terms of performance and efficiency, while complying with stricter emission regulations and always offering innovative technical content, such as variable-geometry turbochargers, high-pressure Common Rail injection, new materials, and breakthrough after-treatment technologies.

At bauma CHINA 2024, FPT Industrial presented a glimpse of its ePowertrain lineup, whose development started on

in 2018 with the creation of a dedicated department. In response to customer needs and requirements, FPT Industrial's objective is not only to supply individual system components, but to serve as an ePowertrain systems integrator, guiding its customers through the process of selecting, designing, and correctly sizing complete systems for electric solutions.

The eAX 375-R is suitable for medium



and heavy-duty 4x2 and 6x2 vehicles up to 29 t GVW, and 6x4 vehicles up to 49 t GCW, as well as for intercity and coach applications. The design allows this electric axle to be scalable, and makes it extremely adaptable to a wide range of powertrain requirements, supporting everyday customer needs.

Source: FPT Industrial

Wärtsilä Propulsion Package to Power World's Largest Methanol-Ready Cement Carrier Vessel

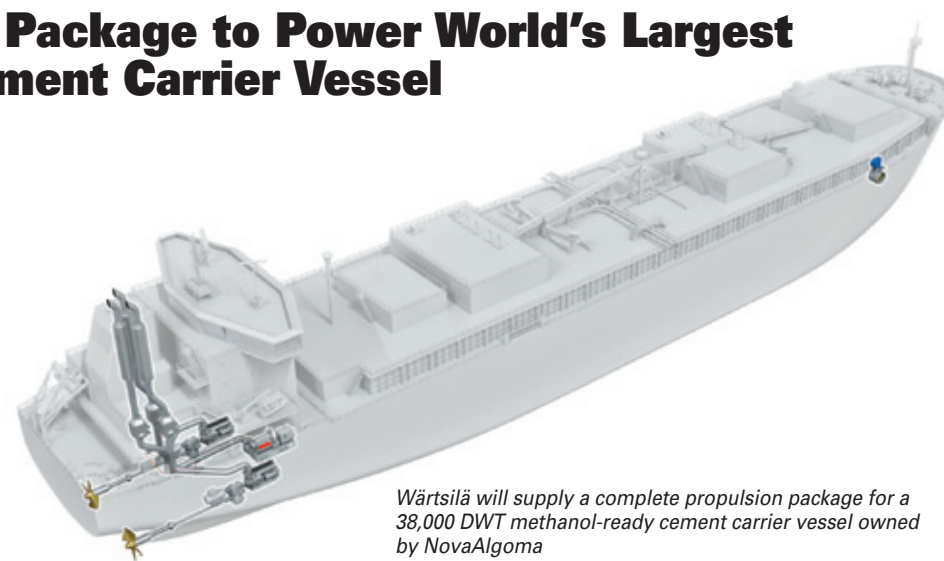
Wärtsilä's focus on supporting the marine industry's efforts to decarbonize operations continues to drive concrete steps forward. The latest order is to supply a complete propulsion package for a 38,000 DWT methanol-ready cement carrier vessel. When built, this will be the largest of its type, and the first to be methanol-ready.

The order has been placed by NovaAlgoma, a joint venture between the Italian Swiss-based, Nova Marine Group and the Canadian Algoma Central Corporation.

The ship is being built at the Zhejiang Xinle Shipbuilding Co., Ltd, and is expected to be launched in late 2026.

The Wärtsilä scope of supply includes 2 Wärtsilä 32 engines, one Wärtsilä 25 auxiliary engine, 2 gearboxes, 2 controllable pitch propellers, one tunnel thruster, 3 selective catalytic reduction (SCR) exhaust after-treatment systems, the propulsion control system, 2 shaft generators (PTO/PTI) and engine accessory items.

The equipment is scheduled for delivery commencing in November 2025. The



Wärtsilä will supply a complete propulsion package for a 38,000 DWT methanol-ready cement carrier vessel owned by NovaAlgoma

© Wärtsilä Corporation

Wärtsilä 32 engine is the result of the company's long-established expertise. It is designed for efficient and easy maintenance in combination with long maintenance-free operating periods. Its excellent fuel flexibility means it can easily be upgraded to operate with methanol.

The Wärtsilä 25 engine's modularity then offers maximised flexibility. In addition,

Wärtsilä's propulsion solutions deliver high efficiency, helping vessels to achieve their compliance targets. This is achieved in combination with a gearbox that reduces propeller speed meaning that a larger propeller diameter is utilised to maximize propulsive efficiency.

Source: Wärtsilä Marine

More to come in upcoming issues!

March	equipment for earthmoving and road construction, including asphalt paving... deadline February 15	September	cranes, aerial work platforms and materials handling deadline August 20
April	World of Asphalt 2025 report... deadline March 20	October	waste collection, reclamation and recycling... deadline September 25
May	public works and pavement maintenance... deadline April 30	November	landscaping and compact equipment... deadline October 30
June/July	mechanical components, engines and undercarriages..... deadline May 30	December/January	concrete and demolition... deadline November 30
August	snow removal equipment, winter maintenance deadline July 15	February	a foretaste of spring events deadline January 15

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SSAB Receives Environmental Permit to Transform Steel Plant in Luleå

SSAB recently announced it has received the necessary permit from the Land and Environmental Court in Umeå to build and operate a mini-mill in Luleå, Sweden, that will replace the current steel plant. The permit will enable a technology shift that will have significant positive effects on the environment and the climate. It will also allow SSAB to meet the high demand for our unique steels and to strengthen our future competitiveness.

The plan is to decommission the current blast furnace-based production system once the mini-mill with electric arc furnaces, rolling complexes and further processing is running at full capacity. The investment will strengthen SSAB's leading position in the green transition of the steel industry, with a focus on special and premium steels produced with close to zero fossil carbon emissions. The investment will lead to a better cost position, higher efficiency, shorter lead times and elimi-



nated CO2 costs. The mini-mill will run on fossil-free electricity and be supplied with a mix of fossil-free sponge iron produced with the HYBRIT technology (hydrogen reduction of iron ore) and recycled scrap as the raw material.

The transformation in Luleå will result in significant reductions of emissions to air and water, increase resource efficiency and remove about 2.8 million t/y carbon

dioxide emissions. In total, SSAB's transformation will enable a reduction of 10% in Sweden's total carbon dioxide emissions, of which 7% comes from Luleå and 3% from the transformation in Oxelösund.

Construction preparations will now continue with detailed engineering and the building permit process.

Source: SSAB

DICA Wins 4 Industry Awards for Safety, Innovation, and Performance

DICA recently announced it has received 4 prestigious industry awards, recognizing the company's innovative products and commitment to safety and efficiency.

These accolades highlight DICA's dedication to delivering high-quality, engineered solutions that address critical challenges in construction and lifting operations.

"These awards are a testament to the hard work and passion of the entire DICA team," said Kris Koberg, CEO of DICA. "They demonstrate our focus on delivering practical solutions that are engineered to withstand the demands of any project."

LevelRight Outrigger Pads has been honored with 2 significant awards:

- 2024 LLEAP Awards, Gold Medal, Features and Components category: Selected by an independent panel of industry experts and featured in Lift and Access magazine, this prestigious award highlights LevelRight's exceptional design and functionality in enhancing equipment stability on uneven terrain.

- Contractors' Top 50 New Products Award:

Recognized by Equipment Today magazine, LevelRight has been named one of the top new products in the construction industry, reflecting its impact on improving productivity, efficiency, safety, and comfort.

MaxiTrack Interlocking Mats was also recognized with 2 awards:

- 2024 LLEAP Awards, Bronze Medal, Features and Components category: Recognized for its innovative approach to ground protection, MaxiTrack impressed Lift & Access's independent panel of industry experts with its lightweight yet durable design.

- Rental Magazine's 2024 Editor's Choice



Award: Highlights products that solve rental customers problems. This award celebrates MaxiTrack's versatility, strength, and ease of use.

"The recognition reinforces our commitment to listening to the needs of our customers and the challenges they face every day," added Mr. Koberg. "We aim to support the construction and lifting industries with tools that make a real difference in everyday operations."

Source: DICA

Oshkosh Showcases Breakthrough Innovations at CES for Airports, Neighborhoods and Jobsites

Oshkosh Corporation made its debut at CES 2025, held January 7-10 in Las Vegas. Visitors could experience how Oshkosh is transforming some of the world's toughest jobs through innovation. The booth showcased advancements in electrification, artificial intelligence (AI), autonomy, connectivity and advanced analytics.

"Oshkosh has a clear purpose: to serve people who do the toughest work in our communities and make a difference in people's lives," said John Pfeifer, president and CEO, Oshkosh Corporation. "At CES, our booth will showcase how we're harnessing cutting-edge technology to transform airport gate and ground operations, enhance essential services that impact everyday life in our neighborhoods and redefine efficiency and safety on job sites."

Oshkosh executives and industry experts shared their insights into the future of robotics, mobility and AI in a variety of



panel sessions.

Oshkosh Corporation makes innovative, mission-critical equipment to help everyday heroes advance communities around the world. Headquartered in Wisconsin, Oshkosh Corporation employs over 18,000 team members worldwide.

Oshkosh products can be found in more than 150 countries under the brands of JLG®, Pierce®, MAXIMETAL, Oshkosh®

S-Series™, Oshkosh® Defense, McNeilus®, IMT®, Jerr-Dan®, Frontline™ Communications, Oshkosh® Airport Products, Oshkosh AeroTech™ and Pratt Miller.

Source: Oshkosh Corporation



Landscape Ontario Congress 2025 Recap

Congress 2025 was a resounding success, with over 14,000 attendees together in Toronto for 3 incredible days!

Landscape Ontario Congress 2025 Recap showcased the best of our industry's creativity, innovation, and expertise. With

and conference for landscape professionals. Congress is a one-stop-shop for the



Landscape Ontario, the association behind the event, wishes to thank everyone who made this year's event unforgettable.

From the inspiring Live Stage presentations to the stunning student garden displays, every aspect of the show

hundreds of exhibitors, engaging speakers, and countless networking opportunities, Congress 2025 truly celebrated the future of landscaping and horticulture.

Landscape Ontario Congress is Canada's largest and longest running trade show

latest equipment, tools, materials and supplies.

The next edition of Congress will be held January 6-8, 2026. Save the date!

Source: Landscape Ontario

Boosting Concrete Durability

Concrete, one of the world's most widely used materials of construction, has an undying enemy: Corrosion. If left unchecked, corrosion expands reinforcing metals, leading to cracking, spalling, and gradual deterioration of the structure.

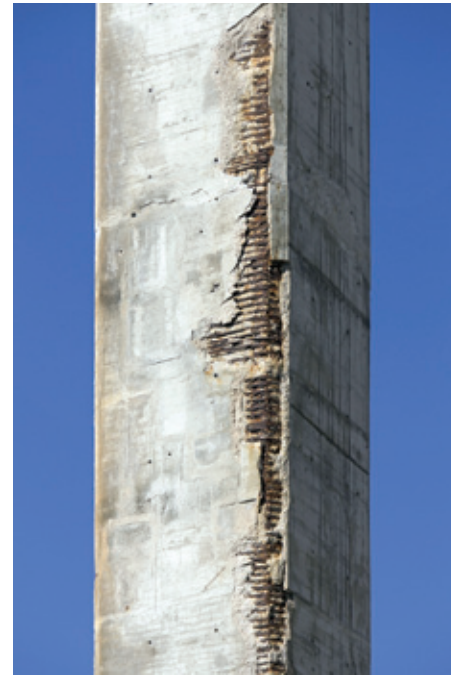


Because concrete structures are so costly and energy-intensive to build, it is hard to overemphasize the importance of making them last as long as possible for financial and environmental reasons.

With this in mind, Ashraf Hasania, Cortec® MCI® Technical Sales & Product Manager, recently shared the importance of service life prediction models and Migrating Corrosion Inhibitors (MCI) in helping engineers achieve a structure's desired lifespan.

Several computer models have been developed to predict the effect of an environment and concrete mix on a structure's service life. These look at various inputs such as temperature, chloride exposure, and durability factors along with structural type, dimensions, and design mix to estimate how long it will take for corrosion to initiate

and lead to failure. Typically, engineers use these models during the design phase to help choose the materials that meet service life and durability requirements for the project. However, modeling can also



be done after a structure is built because it allows the engineer to work backward to understand where the project is on the service life chart and what corrosion mitigation measures (e.g., SACIs such as

MCI®-2020, MCI®-2018) should be implemented to achieve the required extension in service life.

Service life prediction models are especially helpful when deciding whether to add durability enhancers such as MCI® admixtures to the mix design. For example, Hasania explained that, based on standard testing, MCI® admixtures are expected to delay corrosion initiation by more than 3 times and reduce corrosion rates by five times once started (unlike many durability enhancers which only delay time to corrosion and don't help thereafter).

To decide whether it makes sense to add MCI® or another durability enhancer in the design phases, is important to run at least 2 models – e.g., a baseline model without MCI® and one with MCI® – to compare the difference in service life prediction.

As with any computer modeling, it is important to realize that these predictions are just that – models based on assumptions and simplifications of real-life processes



that cannot predict the future or understand all variables with 100% accuracy. For example, it is common for models to base predictions on a linear, steadily increasing corrosion rate, when corrosion rates can fluctuate from day to day. Also, these models assume a sound uncracked concrete which is not realistic. It is therefore a best practice for building owners to continue monitoring structures for corrosion to

make sure all is going as expected and any surprises can be immediately addressed.

While no service life prediction models can perfectly tell the future, they are important tools for understanding the general effects of different environments and materials and helping engineers design the most durable, sustainable structures possible.

Source: Cortec® Corporation

Aquajet Expands Hydrodemolition Reach and Flexibility with New Support System

Aquajet recently announced the introduction of a Support System designed to enhance the capabilities and flexibility of Hydrodemolition robots in challenging environments. The system centers around the upgraded Aqua Spine 3.0, an extendable rail system that attaches easily to any surface, providing a stable platform for the Power Head to move along during operation.

The Ergo Climbers have also been upgraded to version 3.0, with new features that ensure seamless compatibility with the new system. To better support the Aqua Spine and Ergo Climbers, Aquajet created a customizable Support System, providing more flexibility and adjustable setups for different projects. This whole system is ideal for a variety of Hydrodemolition work and is compatible with both the Aqua Cutter 750V Hydrodemolition robot and Ergo system. Recognizing that not all projects involve straightforward flatwork, this solution equips contractors with a highly adaptable, ready-to-use setup capable of

tackling complex applications, such as tunnel, bridge, silo and dam wall repairs and refractory work.

"We noticed a pain point where contractors are still using hand lances for jobs that can be accomplished more quickly with a Hydrodemolition robot, given the right setup," said Roger Simonsson, managing director of Aquajet. "To make it easier to deploy Hydrodemolition robots in even the toughest environments, we upgraded both the Aqua Spine and Ergo Climbers, and developed a fully customizable Support System with adjustable legs, brackets and rotatable joints. This allows contractors to purchase a system tailored specifically to their project needs, ensuring the right configuration for each job."

The Aqua Spine 3.0 greatly expands range and flexibility for both on and off-shore Hydrodemolition applications, excelling in both linear work – such as structure walls and power plants – and circular applications like tunnels and pillars. New passable mounts/brackets, support legs,

adapter plates and feet make up the Aqua Spine, providing users the option to build longer setups when needed, rather than having to repeatedly move a shorter setup along the removal area. Passable mounts allow the Power Head to seamlessly move from section to section without the need to stop and reposition. The upgraded version is also lighter than the previous Spine and can handle 60% more load and 50% more torque.

The Aqua Spine 3.0 is compatible with the Circular Power Head and Aqua Centralizer, a ring mounted to the Aqua Spine base used for work on pipes or inside tunnels. The curved roller beam is compatible with both the Climber and Spine system and can be easily constructed into a complete circle. All parts of the Spine system are assembled with M16 or M20 bolts, allowing contractors to easily assemble and adjust with few tools. The updated Ergo Climber 3.0 features several improvements, such as beam brackets with adjustable height and angle, adjustable

clamping screws allowing it to attach and move along both standard and curved scaffolding pipes or roller beams and be configured as a complete circle for pillars and pipes. New passable brackets enable the Climbers to move the Ergo Power Head continuously along the scaffolding, making it possible to build infinitely long racks and increasing productivity without the need to stop and reposition.

"With this new Support System, contractors can easily adjust the support legs to exact heights or angles, ensuring stability and optimal positioning for their Hydrodemolition project, regardless of the surface or environment," added Mr. Simonsson. "The true value, however, lies in its reusability and scalability. If a future project requires different specifications, the system can be reconfigured or expanded with additional components. This flexibility reduces the need for entirely new setups, saving both time and resources, while keeping contractors prepared for any challenge that comes their way."

Aquajet's new Support System consists of support legs, brackets and joints that are easily adjustable in both height and angle and can be assembled to allow the



Aqua Spine to rotate 360° – either manually or hydraulically. Featuring only 9 parts, the Support System uses interchangeable CC80 hole pattern and M16 screws, enabling quick reconfiguration from one project to the next. What truly sets this support system apart is its modularity.

Contractors can select from light and heavy versions to meet the specific job needs. The light series is a lighter-weight, flexible system ideal for the Ergo, while the heavy series is more stable and robust to handle a more powerful machine, like the

Aqua Cutter 750V's power head.

These systems can be adapted to a wide range of industries to remove any number of materials. It adapts to various surfaces – floors, walls or ceilings – allowing contractors to precisely adjust leg height and angle for optimal stability. Fully customizable for specific project requirements, the system's reusability and scalability allow for future reconfiguration, saving time and resources by eliminating the need for entirely new setups.

Source: Aquajet

John Deere Autonomous Machines & Technology at CES

John Deere revealed several new autonomous machines at CES 2025 to support customers in agriculture, construction, and landscaping. Building on Deere's autonomous technology first revealed at CES 2022, the company's second-generation autonomy kit combines advanced computer vision, AI, and cameras to help the machines navigate their environments.

"Our agriculture, construction, and commercial landscaping customers all have work that must get done at certain times of the day and year, yet there is not enough available and skilled labor to do the work," said Jahmy Hindman, chief technology officer at John Deere. "Autonomy can help address this challenge. That's why we're extending our technology stack to enable more machines to operate safely and autonomously in unique and complex environments.

This will not only benefit our customers, but all of us who rely on them to provide the food, fuel, fiber, infrastructure, and



landscaping care that we depend on every day." Select machines will be autonomy-ready from the factory and the 2nd-generation perception system will be available as a retrofit kit for certain existing machines, providing customers with multiple paths to adoption based on where they are in their technology journey.

The fully autonomous machines were displayed from January 7-10, 2025 at John

Deere's CES booth at the Las Vegas Convention Center. The booth also showcased cutting edge technologies customers across industries are taking advantage of, like connectivity, AI, renewable fuels, and electrification.

Source: Deere & Company



Bid-Well Showcases Heavy-Duty 3600HD at World of Concrete 2025

Bid-Well®, a global leader in the design and manufacturing of specialized concrete paving machines for the bridge construction industry, showcased the 3600HD Roller Paver at World of Concrete 2025, January 21-23, 2025, in Las Vegas.

"We're excited to return to World of Concrete in 2025 and connect with industry professionals to not only showcase our latest innovations but also to listen closely to the challenges facing today's contractors," said Mark Rhead, sales manager at Bid-Well. "At Bid-Well, we're committed to providing solutions that enhance productivity, safety, and precision on every job, and we look forward to collaborating with customers to tailor our technology to their evolving needs."

At this year's event, Bid-Well featured the 3600HD Roller Paver, an upgraded, heavy-duty version of the highly successful 3600 model, with enhanced capabilities for larger, more demanding projects. The

3600HD comes with 15 cm powered up and down legs, providing greater flexibility and ease of use compared to the original 3600, which features 10 cm manual adjustable legs.

Bid-Well roller pavers can tackle your demanding paving applications, bridge paving and heavy highway construction, while offering superior performance, durability, and flexibility. Bid-Well RC version features a remote-control system, allowing operators to control the machine from a safe distance. This improves visibility, communication, and overall safety, so that



the operator, team members, and concrete placer can work together for better production times.

This 3600HD is equipped with a carriage fogging system, which aids in the finishing process. Additionally, the machine includes swing legs, providing a zero-clearance option for tight spaces. The power crown feature provides hydraulic driven crown adjustment, allowing for an easier more efficient means of paving crown transitions.

The 3600HD also offers a sidewalk paver option, giving contractors the flexibility to handle both mainline and at-grade sidewalk paving, thereby streamlining the construction process.

"The 3600HD is the ideal choice for contractors working on large-scale paving projects, as it delivers both precision and durability in the most demanding conditions," added Mr. Rhead.

Since 1961 Bid-Well has been an industry leader in the development and manufacture of a complete line of versatile and specialized concrete paving machines for the heavy and highway construction market. The Bid-Well® full line of automatic concrete roller pavers include bridge deck pavers and overlay machines, airport, road and street pavers, concrete placers, texturing/curing machines, specialized paver/trimmer for slopes and canal paving, along with work bridges that meet any job requirement.

Source: Terex Corporation

Mecalac Introduces Award-Winning Revotruck to the North American Market

Mecalac recently announced the launch of the Revotruck in North America. Available in 6- and 9-t payload configurations, the Revotruck is the first site dumper to feature a rotating cab, taking operator safety to a new level with maximum visibility in all directions. The rotating cab also increases operator safety by eliminating the need to twist and turn for visibility of the travel path and jobsite. With exceptional off-road capabilities, the Revotruck is a valuable tool for construction, concrete, landscape and golf course applications.

"Careful, thorough research went into the Revotruck's design. We studied standard site dumpers and identified potential safety hazards for operators to engineer the safest, most ergonomic site dumper on the market from the ground up," said Peter Bigwood, general manager for Mecalac North America. "The Revotruck illustrates our attention to detail and ability to understand customer needs. The North American market is getting a meticulously designed machine with operator safety and



comfort at the forefront of every aspect."

Operators can rotate the Revotruck's cab 225° with the touch of a button, allowing them to maintain their vision and focus on the job, while also staying aware of any surrounding obstacles. This sets the Revotruck apart from other site dumpers on the market that offer limited visibility.

The cab rotation and swivel of the bed from left to right increases efficiency by

eliminating the need to reposition the machine when going from loading to dumping.

For example, when filling a trench, the operator utilizes the swivel feature to position the body for loading and then, without repositioning the truck, swivels the body for dumping directly into a trench, significantly reducing time. For additional operator safety and convenience, the

Revotruck features steps at each corner of the cab, providing 4 exit points. The Revotruck also provides superior stability and mobility. Mecalac designed the machine with a 4-wheel steering chassis that offers exceptional stability and permanent traction on all types of terrain. The central link between the 2 parts of the chassis offers up to 20° of oscillation.

The 2 oscillating parts of the chassis independently follow the contours of the ground. The chassis is complemented by 4 equal-sized wheels with a switchable steering mode, allowing operators to cycle between 2-wheel steering, 4-wheel steering and crab steering. This enables it to work with agility in confined spaces with a turning radius twice as tight as conventional articulated site dumpers.

The revolutionary site dumper has already won 5 awards, including the prestigious Red Dot Design Award "Best of the Best" – the highest accolade in one of the world's most renowned design competitions.

The Revotruck 6 features a 6,000 kg payload with a total operating weight of 5,900 kg. For heavier-duty applications, the Revotruck 9 provides a 9,000 kg payload with a 6,560 kg operating weight. Each variant is equipped with a hydrostatic transmission top speed of 28 km/h to quickly navigate jobsites. Both models are powered by a 74-hp Tier 4 final diesel engine.

Mecalac is an international manufacturer of compact construction equipment for urban sites. Known for its innovative, customer-focused technology, the manufacturer has sales companies, distributors and customers in more than 80 countries.

Source: Mecalac



EvoQuip Reaches 1,500th Machine Milestone

EvoQuip® recently announced the production of its 1500th machine. The landmark unit, a Bison 280 jaw crusher, was handed over to FJS Plant, the exclusive EvoQuip distributor for Ireland, just after the machine rolled off manufacturing line, marking a major milestone for both FJS and the EvoQuip brand.

As one of Ireland's leading suppliers of plant machinery, FJS Plant has consistently demonstrated its commitment to providing customers with top-of-the-line products and services.

"FJS have had a remarkable year and are fast becoming one of our most dedicated and successful distributors. We are delighted that they are the recipient of our 1500th machine and look forward to witnessing their continued growth and success in the coming years," commented Barry O'Hare, EvoQuip Business Line director.

"We are proud to be part of this milestone with EvoQuip. The Bison 280



is an excellent machine, and we are looking forward to delivering it to our customers. Our relationship with EvoQuip has been instrumental in our success, and we look forward to many more years of collaboration," added Frank Smyth, managing director of FJS Plant

The Bison 280 is a compact and aggressive portable jaw crusher featuring the Terex 900 mm x 600 mm single toggle jaw

crusher. This machine uses an extremely fuel efficient and powerful "Direct Drive" system to power the crusher, which provides excellent performance in recycling, contracting and quarrying industries. Its compact size, quick set-up times, ease of transport and user-friendly control system makes the Bison 280 the ideal solution for all small to medium sized operators.

Since its inception in 2016, EvoQuip has

Metso Launches Modernized Anode Furnace

Metso is launching a next-generation Anode Furnace for reducing CO₂ emissions, improving impurity removal capabilities and bringing flexibility in treating secondary materials. The upgraded Anode Furnace is part of the Metso Plus offering. "Raw materials pose both great challenges and opportunities for copper smelters today. Whether it is bringing in new primary concentrates, utilizing existing ones with degrading quality, or integrating secondary raw materials into existing processes, the demand for flexibility in the unit processes is growing. At the same time, the smelters are looking to identify potential reduction sources for greenhouse emissions, while the evolving raw material base is not making this paramount task easier," said Miikka Marjakoski, senior sales manager, Anode Casting and Anode Furnace Technologies at Metso. "Metso's Outotec® Anode Furnace is a great fit for solving these challenges. With its innovative CO₂ emissions reduction solutions, improved impurity removal capabilities and the flexibility to treat secondary materials, it brings



the long-trusted workhorse of the copper smelting industry into the modern era."

The upgraded Anode Furnace features the latest design, advances in process safety, and ease of maintenance. Furthermore, it presents 2 exciting methods for reducing CO₂ emissions.

"When it comes to CO₂ emissions, the new Anode Furnace is unique. The process is fully prepared to utilize direct hydrogen

reduction in the H₂-ready variant. However, if the customer has no opportunity to switch to hydrogen use at present,

Metso can also provide the technology to significantly increase the current gaseous hydrocarbon reductant efficiency with a steam-gas reduction system. Combining this with Oxyfuel combustion at the burners, the total reduction in CO₂ emissions is demonstrably significant compared with

Lippmann Welcomes Canada-Based Tyalta as Newest Dealer

Lippmann recently announced the appointment of Tyalta Industries as its newest dealer, enhancing Lippmann's reach and service capabilities across the Canadian market. Tyalta will represent Lippmann's full line of crushing and screening equipment, delivering innovative solutions to the aggregate industry in Western Canada.

Tyalta Industries, renowned for its customer-centric approach and innovative problem-solving, shares Lippmann's commitment to quality and service. With a focus on building long-lasting relationships and delivering a premium experience, Tyalta is poised to support Lippmann customers with exceptional equipment, technical expertise, and unparalleled service.

"We are thrilled to announce our partnership with Lippmann, a globally recognized leader in the mining, aggregate, and recycling industries," said Craig Kergen, owner of Tyalta. "Their legacy of innovation and excellence has firmly established them as a powerhouse, and we are honored to represent their brand in our market."



Founded in 1995 with a dedication to providing quality machinery to customers, Tyalta has built a solid track record in the aggregate equipment industry. Their commitment to "doing whatever it takes" to ensure customer satisfaction has made them a trusted partner for businesses seeking reliable solutions and outstanding support.

"This collaboration allows us to offer Lippmann's complete portfolio of products, which perfectly complements our existing fleet," said Mr. Kergen. "With this addition, we are now better positioned to serve our customers across Western Canada, providing enhanced solutions, greater support, and even more reliable equipment for their operations. We look forward to working with Lippmann to continue driving success and delivering exceptional value to our customers!"

With this partnership, Canadian customers can expect not only access to Lippmann's industry-leading equipment but also the exceptional service and technical expertise that Tyalta is known for. From equipment sales and rentals to a full inventory of in-stock parts, Tyalta is well equipped to support Lippmann customers.

Source: Lippmann

been committed to delivering compact crushing and screening solutions that meet the evolving needs of businesses around the world. The production of the 1500th EvoQuip machine is a testament to the brand's global success and market demand, alongside the dedication of the entire EvoQuip team. From the engineers who design the equipment, to the production team responsible for building it, and the logistics team who ensure its smooth dispatch – every individual plays a key role in reaching this landmark achievement.

"This is a major achievement for EvoQuip, and it reflects the hard work, innovation, and dedication of everyone involved in the creation, delivery and support of our products," continued Barry O'Hare. "With a strong global distribution network including FJS Plant, we are confident that we will continue to deliver exceptional solutions to our customers while driving further success and innovation in the industry."

Source: Terex Corporation

traditional processes. This has also been proved through LCA calculations," added Mr. Marjakoski.

The Anode Furnace delivery scope consists of all key equipment required for operating the furnace. Metso's holistic competence in smelter process optimization and integration of automation systems ensures that the furnace will be seamlessly integrated into the processing chain in both brownfield and greenfield applications.

When combined with services and on-site support, a smooth commissioning and start-up is ensured.

Furthermore, Metso's Scrap Melting Furnace variant of the Anode Furnace presents an opportunity to treat a substantial amount secondary raw materials by utilizing integrated burners for melting purposes.

"The Outotec® Scrap Melting Furnace yields great flexibility in treating any mixture of molten copper from upstream processes and high-grade secondary copper feed directly into the anode furnace.

It can be used as a stand-alone melting furnace utilizing solely secondary raw materials, making the product a go-to choice for primary and secondary smelters alike," concluded Miikka Marjakoski.

Source: Metso Corporation

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Reduction in CO2 Emissions in Rolling Bearing Production

SKF continues to reduce its carbon footprint globally to meet its decarbonization targets by 2030 and achieve net-zero emissions across the supply chain by 2050. In a new collaboration, SKF has chosen to source "GreenSteel Climate+" from Swiss Steel Group for bars and wires produced in EMEA. "GreenSteel Climate+" is produced from steel scrap and in electric arc furnaces using green electricity from renewable sources.

The steel sourced from Swiss Steel Group is used directly to produce components across SKF's European plants as well as by the Group's suppliers. Use of the "GreenSteel Climate+" compared to ordinary produced steel has reduced SKF's CO2 emissions related to steel bars and wire by 40% over a period of 9 months.

As one of the largest electric arc furnace steel producers in Europe, the Swiss Steel Group has specialised knowledge in recycling, the circular economy, and electric arc furnace technology. Swiss Steel Group's



crude steel CO2 emissions are significantly lower than the industry average.

Additionally, "GreenSteel Climate+" is manufactured solely using renewable electricity, significantly reducing Scope 2 emissions. This has resulted in an average 40% reduction in CO2 emissions for the products delivered to SKF by using Green Steel Climate+.

"This agreement with a significant partner like SKF marks a major milestone for Swiss Steel Group in advancing sustain-

able supply chains. Steel plays a key role in the decarbonization of end products, and our expertise in recycling, circular economy, and electric arc furnace technology enables us to produce crude steel with up to 83% lower CO2 emissions than the industry average." said Frank Koch, CEO of Swiss Steel Group.

SKF delivered an absolute year on year reduction of 18% in 2023 and SKF is on track to deliver on its 2030 target.

Source: AB SKF

FPT Industrial's XCURSOR 13 Wins Alternative Engine Award

FPT Industrial is proud to be the first winner of the Alternative Engine Award.

The brand's XCURSOR 13 was chosen by the jury for the new award - organized by Powertrain International magazine - as the best expression of a holistic vision of the future of mobility, acknowledging the importance of internal combustion engines in the path to decarbonization. The awards ceremony was held during the recent edition of EIMA held at BolognaFiere, Bologna.

jury of by the Alternative Engine Award as being offered by the XCURSOR 13, FPT Industrial's first multifuel single base engine designed to run fuels ranging from diesel and natural gas - including biomethane to provide net-zero emissions - to hydrogen and renewable fuels. Thanks to its compatibility with a wide range of market requirements and different vehicle



installations, the XCURSOR 13 is a primary contributor to achieving CO2 emissions targets, and one of the most significant parts of FPT Industrial's decarbonization program, which is based on a multi-energy approach and driven by the end goal of providing its customers with the

extended durability and reduced total cost of ownership.

"We are proud of this important achievement for our XCURSOR 13. Winning the first edition of the Alternative Engine Award confirms that the decision to invest in a multi-energy approach is the right one. The XCURSOR 13 is a key player in this strategy, given its multi-fuel versatility and the possibility of seeing it play a leading role in both on-road and off-road applications. The great work done in the development and constant updating of the engine makes it certain to play a key role also in the future, ready to meet market demands and changes," stated Daniele Pozzo, head of Marketing & Product Management at FPT Industrial.

"It's no surprise that FPT Industrial has received the inaugural Alternative Engine Award. Their electronic management systems trace back to the early days of common rail development. As a pioneer in natural gas applications, FPT Industrial has introduced the CURSOR X, which serves as a manifesto for the multifuel concept. The XCURSOR 13 features a shared crankcase and many common components, allowing for the optimal selection of a diesel, CNG, or hydrogen head tailored to specific applications," commented Fabio Butturi, Editor at Powertrain International.

Source: FPT Industrial S.p.A.



In its first edition, the award aimed to recognize the value of a "multitasking vocation", meaning versatility and adaptability to the use of different fuels, essential characteristics for internal combustion engines in order to play an important role in the future and for the emissions challenges to come.

All these elements were identified by the

best ready-to-install products.

Starting from a common core, based on an improved 13 l engine architecture to meet current CO2 reduction targets and be ready for future regulations, the latest versions of the XCURSOR 13 cover multiple segments and on- and off-road missions, combining high performance with reduced weight and fuel consumption, as well as

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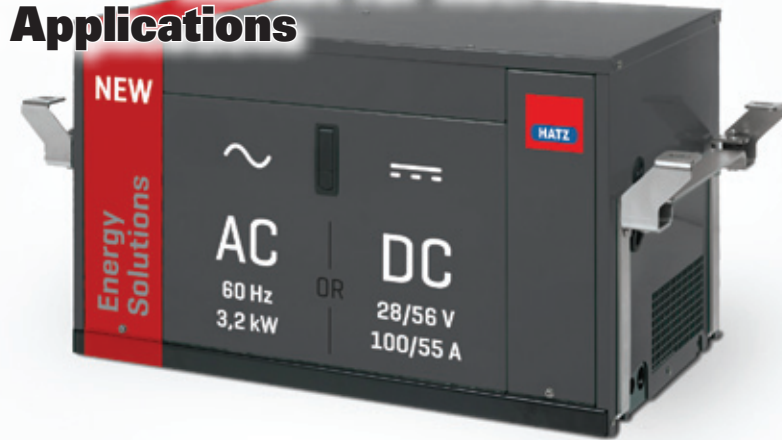
Hatz Enters Mobile Generator Market for Recreational Vehicles and Industrial Applications

Motorenfabrik Hatz and Hatz Americas Inc. recently announced they are expanding their power generation product portfolio to include AC and DC mobile diesel generators for the Recreational Vehicle and Industrial Markets. The new offerings provide prepackaged, sound attenuated solutions for power generation and hybrid battery charging.

The announcement comes immediately after Motorenfabrik Hatz formally acquired the rights to the products, patents, drawings, and inventory for RV generators previously produced by Dometic Italy S.p.A. Hatz had supplied engines for those RV generators since 2002, and in that time had delivered 30,000 engines to Dometic.

Dometic Italy SpA is a subsidiary of Dometic AB of Sweden. Dometic creates products for the outdoor market and solutions for residential and professional applications.

"We are very pleased to be able to bring



these models completely in house for production," said Mike Hartoonian, president and CEO of Hatz Americas Inc. "The AC version ensures the uninterrupted supply of a model for the RV market and adjacent spaces, while the new DC versions will continue to position Hatz as the leader in diesel/electric hybrid applications."

Manufacturing and testing of the 1B30VE engines used in the generators will continue to take place at the primary engine

plant in Ruhstorf, Germany. Final assembly of the generator sets will occur at Hatz' new production facility in Italy. The first model released is the GD3200-120 Silent Pack with RV package which is available to order immediately. This will be followed by the BD3000-56 Silent Pack for use in either 28 V or 56 V hybrid battery charging systems.

Source: Motorenfabrik Hatz

Caterpillar Extends Range of Compact Tier 4 Final Mobile Power Solutions

Caterpillar Inc. recently announced the introduction of the Cat® XQ20 mobile diesel generator set, a new 20 kVA power solution that further expands the company's selection of compact units meeting U.S. EPA Tier 4 Final emission standards. This product launch represents Caterpillar's ongoing commitment to innovation and customer satisfaction in the power generation sector.

The XQ20 is the 4th model to be added to Caterpillar's range of mobile generator sets offering below 100 kW of prime power. "The XQ20 can support many customers with their power needs and will be available through our Cat Rental Stores nationwide," said Tom Caldwell, vice president of Cat Rental Power Solutions.

The XQ20 is specifically engineered for users needing compact, lightweight and easily transported power, making it ideal for construction sites, critical power outages, disaster relief, and outdoor events.

The new generator set is equipped with Caterpillar Extends Range of Compact Tier 4 Final Mobile Power Solutions a robust, high-efficiency engine that optimizes fuel consumption and does not require diesel exhaust fluid (DEF) additives, which reduces operating expenses and simplifies operation. It also offers extended oil change intervals of 500 h. This robust performance enables owners to potentially save thousands of dollars in service and maintenance costs over a typical lifecycle. The XQ20 ensures 110% spill containment of all engine fluids to protect workplaces and teams.

Caterpillar's advanced telematics minimizes downtime by providing users with timely insights on fuel level, battery voltage and run status. The weather-



resistant, galvanized and powder-coated enclosure is also designed to withstand harsh conditions.

The genset operates at a noise level comparable to a normal conversation, significantly enhancing worker safety and comfort at construction sites. This low noise level ensures a more pleasant working environment and contributes to overall productivity and efficiency.

Source: Caterpillar Inc.

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Dozens of Products to Debut at Work Truck Week® 2025

New commercial vehicle bodies, propulsion systems, and equipment are among the dozens of products, technology and services launching at Work Truck Week® 2025. Attendees can explore the latest innovations in the Work Truck Show exhibit hall, experience high-tech vehicles during Ride & Drive, and hear from the industry's leading chassis manufacturers about products under development.

Work Truck Week 2025 runs March 4-7, 2025, at Indiana Convention Center in Indianapolis.

"The number one reason industry professionals attend Work Truck Week is to find new products," said Steve Carey, NTEA president & CEO. "There's nowhere better to discover the latest commercial vehicles, truck equipment and technology, and to meet face-to-face with manufacturer engineers, technical specialists, upfitters, industry experts and peers."

While many exhibitors keep their new products under wraps until Work Truck Week opens, others are already sharing information about what they'll showcase in

Indianapolis.

To learn more, check out the Product Gallery at wtw25.mapyourshow.com.

There are more than 40 companies exhibiting at Work Truck Week for the first time this year.

Work Truck Week also gives attendees the unique opportunity to take the wheel of commercial vehicles featuring the latest advanced technology, propulsion systems and other sustainability offerings during Ride & Drive.

Finally, only at Work Truck Week do leading commercial vehicle manufacturers share their latest chassis specifications and designs, review body and equipment installations and provide insight into future vehicle and technology plans during



exclusive annual Chassis Updates.

This year, 15 manufacturers are holding these insightful sessions: Bollinger Motors, Daimler Truck North America, Ford Pro, Freightliner Custom Chassis, GM Enclave, Hino Trucks, International, Isuzu Commercial Truck of America, Kenworth Truck Company, Mack Trucks, Mercedes-Benz USA, Mullen Automotive, Peterbilt Motors Company, RAM Professional and Ree Automotive.

Source: NTEA – The Work Truck Association™

Next Generation Cat® Telehandler Models

Caterpillar Inc. recently announced the launch of its next generation of Cat® Telehandlers. Released for retail and rental customers, the Cat TH0642, TH0842, TH1055 and TH1255 models replace the previous TL642, TL943, TL1055 and TL1255 machines.

“Our goal with the next gen Cat Telehandlers is to deliver a safe, reliable, smooth and comfortable range of machines that are easy to use and maintain,” said Kevin Coleman, senior product consultant for Cat Telehandlers. “We’ve received extremely positive feedback from operators on how stable and easy to control the telehandler feels when they are handling and placing heavy loads at height

as well as the smooth ride when navigating uneven terrain.”

The new Cat Telehandlers are powered by the Cat C3.6TA (turbocharged and after-cooled) engine that meets U.S. EPA Tier 4



final/EU Stage V emissions standards. The 74 hp (55 kW) engine includes a zero-service diesel particulate filter (DPF) and does not require diesel exhaust fluid (DEF).

A 115 hp (86 kW) option for the TH0842,

TH1055, and TH1255 models uses selective catalytic reduction (SCR) technology.

Operator comfort and Safety The telehandlers offer three operator station options: open canopy, enclosed cab with

heat and enclosed cab with heat and air conditioning.

The redesigned interior features an ergonomic control layout, standard tilt steering column, and a new full color LCD

monitor that provides machine information in a choice of 4 languages. The monitor also shows the standard rearview camera feed when in reverse and depressing the camera soft key enables continuous viewing of the camera image.

The pilot-controlled joystick ensures a smooth, predictable multi-function performance and feel of the boom extend/retract and lift/lower functions. Customers now have a choice of coupler interface; the IT or Standard TH. Smaller and lighter weight than the IT style coupler, the new Standard TH quick coupler offers improved fork visibility and enhanced load capacity when used with the boom extended. The next generation Cat Telehandlers also feature standard auxiliary hydraulics to support hydraulically powered Cat attachments.

The monitor in the Cat Telehandlers features a standard multi-operator code security system, supporting up to 50 operator codes to protect against machine theft and unauthorized use at the jobsite.



The new TH models feature extended service intervals and a patentpending service tool for quick inspection of chains and boom wear pads.

Equipped with Product Link™ Elite standard telematics, the system provides critical machine operating information for fleet managers. Remote flash capability allows for software updates without a trip to the dealer’s shop, and remote trouble-

shooting provides real-time diagnostics, along with remote machine parameter and setting changes.

Caterpillar displayed the next generation Cat Telehandlers at World of Concrete 2025, held January 21-23 in Las Vegas. Target availability for these next generation telehandlers is Q2 2025.

Source: Caterpillar Inc.

We are working on our special issue reporting news from the **World of Asphalt Show** which will be published in the April issue.

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We are working on our special issue on Public Works in advance of the **APOM and AORS Trade Shows** which will be published in the May issue.

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Niftylift Launches ClipOn: A Simple Step Towards Safer Platform Operation

Niftylift has launched ClipOn, a simple, easy-to-use, retrofittable safety device that gives access platform operators a visual and audible reminder to connect their harnesses before operation. The new technology is available across Niftylift's full HeightRider range.

The safety system is active the moment the key switch is turned on. If an operator tries to activate a Niftylift without clipping on, red LED lights above each connection point indicate no safety harness is attached. As an additional reminder, an alarm will then sound if the operator tries to maneuver the machine using the footswitch while unharnessed. Once the harness has been attached correctly, the LED lights will turn green and the sound alarm stops.

The ClipOn system is also clearly visible to ground teams thanks to under-basket LEDs which indicate whether the operator is safely attached to the harness – a

significant step forward in ensuring site safety compliance.

"Working at height inevitably involves risks, with falls being one of the most frequent causes of workplace injuries. That's why ClipOn is crucial. Safety shouldn't be complicated, and by ensuring every operator is securely harnessed before operating the machine, we're making a simple but significant move towards eliminating the risk of falls from height," said John Keely, managing director at Niftylift.

ClipOn is engineered for seamless integration into Niftylift fleets, regardless of age. It has a straightforward installation



process that requires only 3 components – the control box, harness sensor and light array. The system's set-up and operation mirrors that found in most modern seatbelt alert systems in cars, helping operators adopt the technology quickly and easily.

Robust safety protocols when working at height are essential. The British Safety Council states that sufficient planning and ensuring a safe system of work are essential to mitigate falls from access platforms.

Meanwhile the Occupational Safety and Health Administration (OSHA) in North America shares that falling from height remains the leading cause of workplace incidents. By implementing systems like ClipOn, safety is enhanced, and peace of mind is provided for owners, operators and others on the job site.

ClipOn advances job site safety compliance by alerting operators to correct harness connection. The system's visual and audible indicators also provide irrefutable evidence, simplifying inspections and audits.

Unlike other safety systems that can be complex and intrusive, and impact operational efficiency, ClipOn is simple-to-use and provides immediate feedback leaving no doubt as to whether safe harness connection has been made. By combining advanced technology and operator experience, Niftylift sets a new benchmark for safety in the access platform industry.

Source: Niftylift

Two Legends as Rolling Workshops in the World's Toughest Race

In this year's Dakar Rallye, which is considered the ultimate test for man and machine, the Völkel Rallye Team impressed with its 2 classic Mercedes-Benz Service Trucks.

The Mercedes-Benz NG 2636 6x6 "Fast-Assistant Trucks" were used as a rolling workshop. Both Mercedes-Benz trucks were once on the road together with the legendary winning car of the 1983 Dakar Rallye, a Mercedes 280GE (then driver: Jacky Ickx, Claude Brasseur). The trucks were originally delivered to the Mitsubishi Dakar Team in 1986 and 1987.

Both trucks are powered by a 18.5 l V10 engine delivering 360 hp, enabling them to reach maximum speeds of 128 km/h and 80 km/h on sand. The 6x6 all-wheel drive trucks are perfectly equipped for the challenges of the world's toughest rallye.

Source: Daimler Truck AG



A Palazzani XTJ 52+ Spider Platform for Joly Location

Palazzani ended 2024 with the delivery of a brand new, customized Ragno XTJ 52+ for Joly Location, one of the leading names in France for AWP and lifting equipment rentals. Founded in 1973 by Marcel Joly, Joly Location has over 50 years of experience in the rental sector, also distinguishing itself at European level for safe, efficient and innovative solutions.

To reach new heights and expand its horizons, Joly Location has added a brand-new Palazzani XTJ 52+ Spider Lift to its fleet, which already includes over 20 spider platforms with working heights ranging from 13 to 42 m.

With a working height of 52 m, an outreach of 19.5 m, a basket capacity of 400 kg and an hydraulic winch of 980 kg lifting capacity, the XTJ 52+ is ideally suited for telecommunications, electrical networks, and construction or maintenance work on cultural heritage sites.

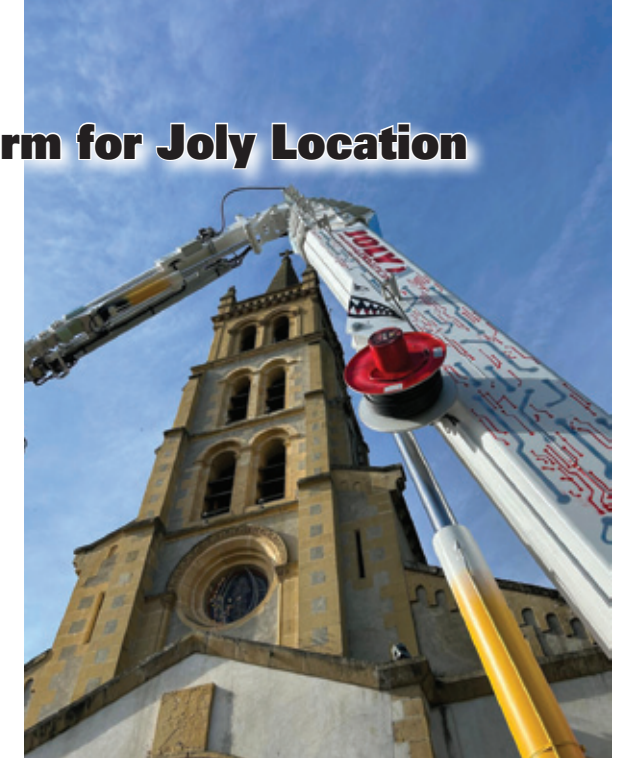
"The reasons we chose this Palazzani platform, besides its impressive working

height that complements our spider fleet, are its ease of use and the speed with which the machine can be positioned, even in complex environments" said Lionel Joly, managing director of Joly Location.

What makes Joly Location's XTJ 52+ even more special is the custom design by Dijon-based artist Pegaz, known for his innovative and futuristic style.

"As we have always been involved in the local cultural scene, the idea to collaborate with a local artist from Dijon emerged," said Lionel Joly. "Pegaz immediately accepted the challenge, and we worked together, blending my vision with his ideas, creating an instant synergy."

With details reminiscent of superhero armor, printed circuits, and cannons, plus a



nod to fighter jets with the famous "shark teeth" and a majestic look when raised, the machine draws attention wherever it goes, becoming a visual icon for the company.

Source: Palazzani Industrie S.p.A.

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Tsurumi Boosts Wastewater Equipment with New Explosion-Proof Offerings

The company's new AVANT® MQ, MY pumps and MMR mixers provide users with extensive customization options; Tsurumi offers a wide variety of wastewater processing products to meet the needs of applications of all sizes. Tsurumi Pump is expanding its wastewater process product range with new FM-approved submersible pumps and mixers designed for hazardous environments with explosion risks, such as municipal plants, chemical facilities and industrial wastewater applications. These products feature high-efficiency IE3 motors, thermal sensors and various impeller and propeller options to enhance performance and reliability.

Renowned for offering solutions across every stage of the process and applications of various sizes, Tsurumi continues to update its product lineup in response to user feedback and evolving needs.

"Our FM-approved explosion-proof line consists of expertly engineered products

designed to meet a wide range of project bid specifications," said Chris Bristol, Tsurumi's municipal product sales manager. "They deliver exceptional customization options and ensure top performance across various wastewater applications."

The wastewater process journey typically begins at lift stations, where powerful pumps such as the versatile AVANT MQ or the titanium-built VANCS TM series move wastewater to a higher point, allowing it to flow by gravity or be pumped under pressure directly to treatment plants.

Once at the facility, Tsurumi's KE/KS and KW/KM series bar screens form an effective barrier against detritus, from sanitary wipes to plastic bottles and finer materials.

Various bar spacing options are available to handle different levels of solid content, further reducing the risk of damage to downstream pumps and valves.

"Our bar screens provide excellent performance even in the harshest conditions,"

said Mr. Bristol. "They rely on stainless steel for corrosion resistance, automated cleaning mechanisms to remove debris, and can handle high volumes of water without compromising a plant's flow rate."

Denitrification is the next key stage in wastewater treatment, where submersible mixers take center stage. Tsurumi's mixers, including the new FM-approved MMR Series, are designed to create strong, consistent currents. Optimized propeller designs ensure efficient flow patterns and well-mixed water.

Aeration supplies oxygen to bacteria for treating and stabilizing wastewater, a critical process for breaking down organic matter. Aerators and ejectors are used for oxygenation and mixing in basins, enabling aerobic bacteria to decompose organic material. Tsurumi's TRN Series aerators ensure the wastewater remains properly mixed, promoting an even distribution of bacteria.

Ejectors create suction to pull air into the flow, mix it with water and then eject it. Tsurumi's BER Series delivers the highest levels of mixing and oxygen transfer, and it is built with high-quality materials like cast iron or stainless steel. Designed to resist corrosion and wear, it offers reliability and ease of maintenance, reducing both downtime and maintenance costs.

Once wastewater reaches the clarification stage, the focus turns to sludge removal. The first step is removing floating debris from the water's surface, which is where Tsurumi's FSP Series floating scum skimmer comes in. This system includes a submersible pump, a jet-injector mechanism and three floats. It relies on the Venturi principle to remove floating oils and grease solids with minimal water. A bypass attached to the discharge opening recycles part of the pumped water back to the intake, creating a jet flow that ensures consistent, stable suction power in the



collection cup or intake.

The floats allow the submersion depth to be adjusted to as little as a single millimeter, maintaining this distance regardless of changes in water level. However, a simple twist of the floats can quickly increase flow by setting the suction mouth deeper (up to 60 mm), allowing the scum to be pumped to the concentration tank for processing.

"Our process equipment is so flexible

that it can be used across several industries, whether it's wastewater, chemical processing or food-processing applications," continued Chris Bristol. "A key feature is how well this equipment works in conjunction with our pumps, ensuring highly efficient operations and allowing Tsurumi to be a one-stop shop for all pump needs."

Source: Tsurumi

New PALFINGER P6 Radio Remote Control

Industrial applications are becoming increasingly complex, and the demands on machines and their operation are constantly increasing. A compact control system for

Loader Cranes is essential, especially for fast-paced applications in urban environments or for special jobs. Crane operators say it should be light and small. And yet as reliable and uncomplicated to operate as possible with maximum functionality. The P6 radio remote control, which was developed with partner SCANRECO and in close consultation with customers, is all this.

The P6 is one of the lightest and smallest radio remote controls with color display on the market and scores with its ease of use without sacrificing performance. Thanks to the redesigned linear lever and joysticks, the P6 offers even more precise control and allows crane operators to carry out even complex movements in a controlled and efficient manner. An integrated acceleration sensor also ensures the safety of crane operators: if the radio remote control registers a fall, for example, crane



operation is stopped automatically. An ergonomic design, which is complemented by the carrying strap systems - either as a hip or shoulder strap - offers comfortable handling that makes everyday work much easier.

Thanks to the clear design and the integrated 3.5" TFT color display, users always have full control over the crane and its functions. With a battery life of more than 20 h and the

option of working for a further 20 h with an additional battery, the P6 is also suitable for long periods of use. PALFINGER relies on a stable radio connection to ensure that work can be carried out undisturbed and without interruption under all circumstances. A 2.4 GHz frequency band, comparable to the familiar wireless LAN, ensures a reliable and powerful connection with the P6.

With up to ten console variants, the P6

can be adapted to the individual functional scope of the TEC Loader Cranes. This allows companies to select the right control system for their needs and benefit from the rapid availability of spare parts and service. This makes the P6 a flexible solution in the most demanding application scenarios.

"Direct customer feedback and cooperation with our partner SCANRECO have resulted in a radio remote control that is geared towards the real requirements of everyday working life and will make work assignments even safer, more efficient and more comfortable in the future," explained Michael Völker, head of Product Management Crane at PALFINGER EMEA GmbH.

The new P6 radio remote control from PALFINGER will be available for TEC Loader Cranes from 2025. Together with the premium PALCOM P7 radio remote control, it completes the portfolio for the TEC range. With its compact and lightweight design, the P6 helps crane operators to carry out their jobs efficiently and comfortably.

Source: PALFINGER GmbH

Peterbilt Delivers Model 520EVs to Waste Connections of New York

Peterbilt recently announced the delivery of 2 Model 520EVs to Waste Connections of New York, Inc. The vehicles will be deployed for residential refuse collection in the Bronx, New York, as part of the company's ongoing efforts to reduce carbon emissions in the communities it serves.

Designed for commercial and residential refuse collection, the Model 520EV handles up to 1,100 trash bins on a single charge. It provides Waste Connections of New York with an all-electric, zero-emissions powertrain featuring efficient, quiet operation for use in the neighborhoods of the Bronx.

Developed for maximum efficiency, the Model 520EV takes advantage of frequent starts and stops typical with refuse applications to transfer energy back to its battery packs through regenerative braking. The operating range allows the Model 520EV to do the same job as its diesel equivalent, and with a 3-hour charge time, the EV is ready to go and deliver optimal performance for Waste Connections of New York's collection routes in the Bronx.

Peterbilt offers a dedicated team to help identify the best EV configuration for customer operations, locate available incentives and help choose from the wide selection of PAC-CAR chargers and infrastructure solutions.

Source: Peterbilt Motors Company



Dollies Significantly Reduce Workers' Exposure to Whole-Body Vibration

Vili Tuominen, Product Engineer
Sleipner
Special Collaboration

as does a lower sensory noise level in the excavator cab," said Ville Hyvärinen, specialised occupational hygienist from the Oulu office of the Finnish Institute of Occupational Health, who conducted the measurements and prepared the report.

The values obtained from the vibration tests for the excavator are also comparable, for example, when driving a bulldozer and drill on tracks. When moving the bulldozer and drill, whole-body vibration can be effectively reduced by using Sleipner's DB Series lowboy trailers.



driver's front-facing direction (forwards-backwards direction). At the measured level of vibration acceleration, neither the action value nor the limit value are exceeded during a normal 12-h working day.

When driving on tracks, the highest average vibration acceleration of 0.82 m/s² was measured in the driver's front-facing and lateral directions. At the measured level of vibration acceleration, the action value level is exceeded after 3 h of exposure. Exposure exceeding the limit value requires about 16 h of driving, which means that the value is not exceeded during a normal 12-h working day. However, 16 h of exposure to whole-body vibration while driving on tracks is already a serious situation.

"When driving on tracks, the movements directed to the front and to the side are greatly exceeded if driven for a total of three hours during the working day. The driving does not even have to be continuous.

When driving on tracks for more than three hours during the working day, the employer is obliged to take measures to prevent the driver from being exposed to excessive vibration. Otherwise, the driver runs the risk of being exposed to pain and discomfort in the lower back, hip, musculoskeletal joints and neck area. The risks are higher especially for pregnant women, for whom vibration exposure should be avoided to protect the health of the fetus," says Hyvärinen.

RESULTS EXCEEDED EXPECTATIONS

Using Sleipner's dollies significantly extends the service life of mining machinery and improves work efficiency. Dollies also improve the occupational safety and comfort of drivers.

"In several countries, whole-body vibration is already classified as an occupational disease, and regular exposure to vibration has been shown to have clearly detrimental effects on health. The results of the vibration study exceeded even our own ex-

According to a study by the Finnish Institute of Occupational Health, the exposure of drivers to whole-body vibration and the resulting health risks when moving excavators can be significantly reduced by using Sleipner dollies instead of driving on the excavator's own tracks. The vibration measurements were conducted at a Finnish mine in May 2023.

The aim of the measurements was to measure the level of the workers' exposure to whole-body vibration when driving an excavator from one site to another at the mine. Vibration measurements were taken when driving an excavator from one site to another on tracks and when using the E190 Sleipner E Series dollies. The excavator used for the test was a Komatsu PC 2000 and, when using dollies, the excavator was pulled with a Komatsu 830 E haul truck.

During the measurements – 26 min on dollies and 20 min on tracks – the driver and the person conducting the measurements were in the excavator cab.

"According to our research results, using dollies significantly reduces the workers' exposure to whole-body vibration and the resulting health risk, emerging as an excellent way to mitigate vibration. Reducing vibration also improves work comfort,

expectations and showed significant benefits for drivers when using Sleipner dollies. It was great to get confirmation that using our products can reduce occupational diseases caused by whole-body vibration," said Vili Tuominen, Product Engineer at Sleipner Finland, who participated in the measurements.

EXPOSURE TO VIBRATION WAS DETERMINED IN PROPORTION TO AN 8-HOUR COMPARISON PERIOD

The methods for measuring whole-body vibration and processing data used by the Finnish Institute of Occupational Health are specified in standard ISO 2631-1:1997.

Vibration exposure A(8) is calculated from the strength of the vibration (measurement result) and estimated exposure times, as required by Government Decree 48/2005.

The exposure was determined in proportion to an 8-h comparison period, according to which the action value for daily whole-body vibration A(8) is 0.5 m/s² and the limit value is 1.15 m/s². Another way to assess the risk is to determine the



calculated time after which the measured level of vibration causes exposure that exceeds the action value or limit value.

The risk is considered significant when the daily exposure exceeds the action value (whole-body vibration 0.5 m/s²). In this case, a vibration prevention programme and measures to reduce vibration Dollies Significantly Reduce Workers' Exposure to Whole-Body Vibration are needed. If the

exposure also exceeds the limit value (1.15 m/s²), the measures to reduce exposure must be carried out immediately.

The risk is considered moderate when the exposing vibration can exceed the action value but the daily exposure level does not reach the action value (50–99%). The risk is considered minor when the exposure is sporadic and/or low (less than 50% of the action value).

IDE Restocks NPC Croppers Due to Increasing Demand

The relationship between NPC and its professional and experienced partner companies around the world reinforces the company's commitment in providing exceptional levels of customer focus, in-market. The U.S. is no different, with IDE providing the NPC range east of the Rocky Mountains. IDE's main office is located in Rural Hall, North Carolina, with additional offices and depots strategically located throughout their area of operations.

NPC is on hand to provide round the clock support from its UK-based centre of customer excellence. The latter further enables customers to tap into the specialized advice and assistance that has made NPC the world's largest designer, manufacturer, hire centre, and now vendor, of pile cropping attachments.

IDE recently received a full restock of what the company considers to be the most advanced hydraulic pile croppers in the world. They are designed to deal with foundation piles for all types of ground conditions. Common types of piles include augured, bearing, contiguous, secant,

CFA, trench and helical displacement. Common pile sizes range normally from 300 mm up to 2 m in diameter.

Amongst the array of state-of-the-art croppers include some of NPC's latest developments. For dealing with augured (round) piles, IDE received the latest iteration of the NPC CFA & HD CFA Cropper range which cuts circular augured concrete piles. This has recently been developed and updated based on feedback from customers working directly with NPC's technical team.

Also, for use on larger piles, the NPC Quad Large 750 Cropper is designed to be used for the reduction of augured piles up to 750 mm diameter, and the NPC Quad XL 1000 Cropper, for piles up to 1,050 mm diameter. They are best utilized on excavators of 21t and above.

IDE provides a depth of product knowledge and excellent levels of cus-



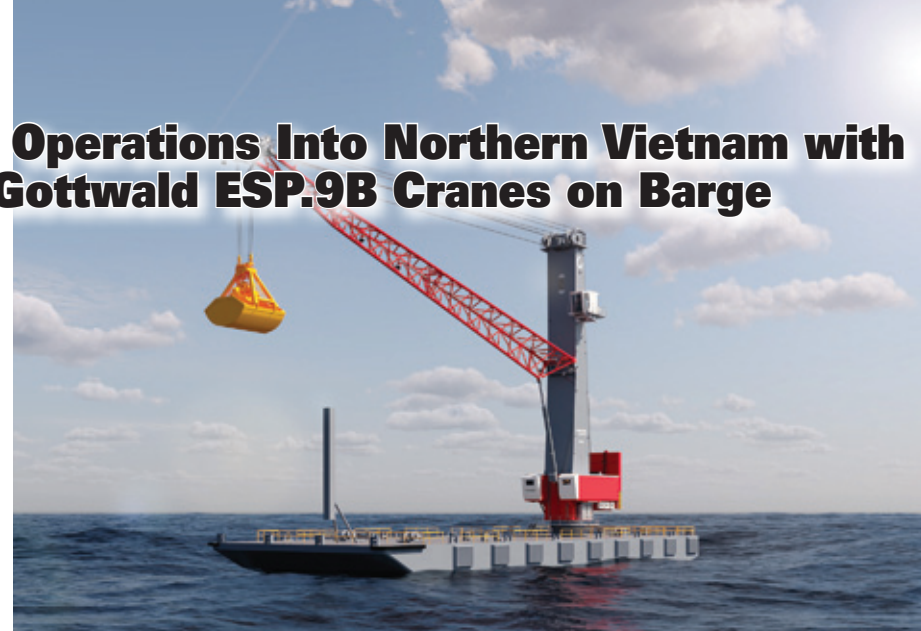
tomer service. All customers deal with an NPC-trained pile cropping expert.

Source: National Pile Croppers

Haivanship Expands Operations Into Northern Vietnam with 2 New Konecranes Gottwald ESP.9B Cranes on Barge

Leading Vietnamese maritime-logistics operator Haivanship (HVS) is currently providing coal transshipment using 2 Konecranes Gottwald HPK 7400B cranes at transshipment buoys in Go Gia, Ho Chi Minh City, servicing power plants in southern Vietnam, especially in the Mekong Delta. The Vietnamese operator specializes in bulk handling of coal imported from Australia and Indonesia. Coal is still a critical energy resource in Vietnam, fueling approximately half of the nation's electricity supply.

HVS is expanding its coal transshipment business in northern Vietnam, starting a project at the South Cat Ba Deep Water Anchorage, with a depth of approximately 20 m for vessels up to 210,000 DWT (near Haiphong port and Hon Mieu, Cam Pha Anchorage of Quang Ninh), using 2 Lloyd's-certified Generation 6 Konecranes Gottwald ESP.9B crane on barges. The order for the first crane was booked in Q3



2024 and the second in Q4, with both to be delivered at the end of 2025.

"Our experience working with Konecranes equipment in the south has been very positive. The cranes are efficient and have consistently delivered reliable performance. Now this new Konecranes equipment will play a key role in handling coal transshipments on the open sea and expanding our services into the north,"

said Tran The Vinh, general manager at Haivanship.

The Generation 6 Konecranes Gottwald ESP.9B Mobile Harbor Crane is fully certified for barge operations under the Lloyd's Register Code for Lifting Appliances in Marine Environments. Engineered to perform in demanding open-sea environments, the crane can withstand wind speeds reaching 24 m/s and wave heights up to 2.5 m. The

cranes come equipped with Konecranes TRUCONNECT remote monitoring, providing HVS with vital crane data for predictive maintenance planning.

"Haivanship is a valued partner in Vietnam and we're very pleased to add to their fleet with our Generation 6 technology. Supporting the company's expansion is perfectly aligned with Konecranes' goal of growing our business in the country," said Holger Wagner, sales manager for Asia-Pacific at Konecranes.

A strong focus on customers and commitment to business growth and continuous improvement make Konecranes a material handling industry leader. This is underpinned by investments in digitalization and technology, plus our work to make material flows more efficient with solutions that decarbonize the economy and advance circularity and safety.

Source: Konecranes



SLB OneSubsea Awarded Subsea Boosting Contract by Petrobras for the Búzios Field, Offshore Brazil

Global energy technology company SLB recently announced a contract award by Petrobras, following a competitive tender, to its OneSubsea™ joint venture for 2 subsea raw seawater injection (RWI) systems to increase recovery from the prolific Búzios field.

The subsea RWI systems will help to increase the production of floating production storage and offloading (FPSO) vessels, which are currently bottlenecked in their water injection capacities. Once operational, the RWI systems will reduce greenhouse gas (GHG) emissions per barrel of oil as they are a more efficient means of reservoir pressurization to increase recovery when compared with the conventional alternative of topside injection systems.

"As deepwater basins mature, we see more and more secondary recovery opportunities emerging," said Mads Hjelmeland, CEO of SLB OneSubsea. "Subsea raw seawater injection is a well-proven application with a strong business case that we think should become mainstream. By placing the system directly on the seabed, we free up space and reduce fuel needs for the FPSOs as well as lessen the power needs for the injection systems.

It's a win-win for Petrobras, and one that we are very excited about. This contract will consolidate our solid local content presence in the country, contributed by the largest manufacturing plants and state-of-the-art subsea service facilities in Brazil."

Under the contract, SLB OneSubsea will provide two complete subsea RWI systems to support Petrobras' FPSOs P-74 and P-75, and they will each consist of a subsea seawater injection pump, umbilical system and topside variable speed drive.

As part of this project, SLB OneSubsea will further strengthen its multidisciplinary team in-country, which will cover the full processing value chain from field development to system engineering and life-of-field support. This team will also provide technical support using AI-enabled Subsea Live™ services, including continuous condition monitoring and access to domain experts.

SLB OneSubsea is driving the new subsea era that leverages digital and technology innovation to optimize our customers' oil and gas production, decarbonize subsea operations, and unlock the large potential of subsea solutions to accelerate the energy transition. SLB OneSubsea is a joint venture backed by SLB, Aker Solutions, and Subsea7 headquartered in Oslo and Houston, with 10,000 employees across the world.

Source: SLB OneSubsea

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The Dash 5 Road Paver Proves Itself in Wind and Weather

Johann Joos Tief- und Straßenbau GmbH, the lead contractor used the most versatile Vögele paver model of the latest generation for the rehabilitation of the L 106 rural highway between Wagenstadt and Bleichheim, in Germany. With the SUPER 1800-5i, the paving crew was able to work efficiently, safely, and precisely, despite the poor weather conditions and a tight completion deadline.

The project involved the rehabilitation of a 1.3 km section of the L 106 rural highway about 30 km north of Freiburg. The section of the road between Wagenstadt and Bleichheim was in extremely bad condition and also crossed an important migration route for toads. This is why the rehabilitation work could only begin after a migratory toad crossing solution had been installed. Because the section had to be completely closed for the project, the paving crew had to complete the work in both directions within the shortest possible time.

FIRST PAVING PROJECT WITH THE VÖGELE SUPER 1800-5I

Because the project involved the rapid paving of a high-quality binder course and surface layer with varying widths from 5.6 to 8 m, road construction contractor Johann Joos Tief- und Straßenbau GmbH decided to use a Vögele paver from the new Dash 5 generation: a SUPER 1800-5i in combination with the AB 500 extending screed. This versatile Universal Class paver is very compact for its class and, with a laydown rate of 700 t/h, is also extremely efficient. In view of the poor weather conditions, the tight completion deadline, and critical requirements with regard to evenness, numerous new technologies of the Dash 5 generation and the Big MultiPlex Ski sensor system played a decisive role in the project.

FAST AND EFFICIENT OPERATION

The SUPER 1800-5i impressed the crew with a practical feature even before the paving work began. The Dash 5 function Paver Access Control (PAC) allowed the operators to get the paver ready for paving from the ground. The control unit positioned on the screed allowed the crew to conveniently start all the initial steps – such

switching on the lights, starting the diesel engine, booting up the machine control system, raising and locking the weather canopy in place, and lowering the screed – all with the push of a button. At the end of the day's work, the crew was able to return the paver to its transport position in the same way. “

This saves time, prevents errors, and makes setting up and shutting down the paver even safer and more convenient,” said site foreman Josef Gutmann. “It was still dark in the early morning, so it was a great help to be able to turn on the lights before climbing up onto the operator's platform.”

POOR VISIBILITY? NO PROBLEM AT ALL WITH LIGHT PACKAGE PLUS

The overall weather conditions were far from ideal. Apart from it being dark, rain and snow made the situation even worse. Mr. Gutmann and his crew were therefore glad to have the Light Package Plus on board, as the integrated LED lighting system provides even better lighting over the operator's platform, service points, and the screed tow point rams. As an alternative to light balloons, the powerful LED floodlights integrated in the canopy extension evenly illuminate the entire working area up to four meters behind the screed and up to a pave width of 10 m.

“This meant that we had an ideal of bringing in and setting up additional



lamps,” said Josef Gutmann. “It also considerably reduced the set-up times on the project site.”

EVEN AND JOLT-FREE FEEDING INCREASES QUALITY

To achieve high paving quality, one of the things the operating crew had to ensure was jolt-free feeding and even transfer of the asphalt mix. This is another area in which Mr. Gutmann and his crew benefited from several new technical features of the Dash 5 paver. The improved PaveDock Assistant from Vögele made communication easier during the transfer of the asphalt mix to the paver. The paver operator gave the truck driver clear instructions with the signal lights at the right and left of the paver's canopy: green for back-up and dock, and red for stop. The sprung PaveD-

ock push-bar efficiently absorbed jolts from the mix tipper trucks and prevented them being transmitted to the paver and, in turn, to the asphalt. Because the push-rollers on the push-bar of the Dash 5 pavers feature a floating suspension, trucks could even dock and feed mix to the paver without jolting in bends.

BIG MULTIPLEX SKI ENSURES MAXIMUM EVENNESS

The crew also had to ensure maximum evenness of the paved surface on the L 106. Parts of the old road surface were in extremely bad condition, which made it necessary to pave not only a 4 cm surface layer, but also a new binder course with a thickness varying between 4 and 14 cm. The paving crew used the Big MultiPlex Ski leveling system to compensate for irregularities in the form of long undulations. The sensor system from Vögele is just the thing



for projects like this, in which absolute longitudinal evenness is essential. The paving crew attached three multi-cell sonic sensors to the variable, 5 to 13 m carrier beam. This allowed the Big MultiPlex Ski to simultaneously scan reference values at several separated measuring points. The Niveltronic Plus automated grade and

slope control system calculated mean values from the data of the entire scanned area and used them to compensate for unevenness, even over longer distances.

OPTIMAL TAMPER STROKE AT THE PUSH OF A BUTTON

In addition to precise paving, a further criterion on the construction site in Bleichheim was optimal pre-compaction. The decisive factor for achieving this is a correctly adjusted tamper stroke.

“Up to now, we always had to mechanically adjust the tamper stroke. Due to the varying layer thickness here in Bleichheim, that would have been a very laborious and time-consuming job,” said Josef Gutmann. “With the SUPER 1800-5i, all we have to do is push a button and it's done.”

Hydraulic tamper stroke adjustment is available in combination with the fixedwidth screeds from Vögele and the AB 500 and AB 600 extending screeds. It's really easy: Depending on the version, the tamper stroke can be set to either 4 and 2 mm or 4 and 8 mm from the operator's console or the screed control console.

“We paved the binder course with a tamper stroke of 4 mm and the surface layer with 2 mm. The hydraulic adjustment saved us a lot of time and effort on this job,” said Mr. Gutmann. “The new features of the SUPER 1800-5i are very well aligned with our needs.”

WIRTGEN America, Inc. will be in St. Louis, MO, from March 25-27 at the World of Asphalt 2025. Visit the WIRTGEN GROUP in Munich from April 7-13, 2025 at Bauma 2025.

Source: WIRTGEN GROUP

Kubota at CES 2025

Kubota North America announced its vision for the future at CES 2025 in Las Vegas. It includes offering diverse powertrain options, seamless access to data and analytics, improved connectivity, and advanced automation. This approach ensures that Kubota meets increasing complexities and challenges with more certainty and simplicity and empowers its customers like never before.

“What you need to know about Kubota is that we develop solutions with our customers in an innovation cycle that never ends,” said Todd Stucke, president of Kubota Tractor Corporation, and senior vice president, Kubota North America. “That all starts with observing and listening to our customers. From there, we design and build solutions to help our customers overcome their challenges. And we're never entirely done because we continue to iterate over time and continue the cycle, always listening, and always improving.”

At the show, Kubota showcased a range of equipment offerings that deliver choice—across its residential, specialty agriculture, and construction segments – to provide the right product, with the right technological capabilities, for every customer.

Source: Kubota North America Corporation



First "STEPSTAR" Z for the UK

Goldhofer Aktiengesellschaft recently delivered the first "STEPSTAR" Z to SECH Crane Hire in the UK via its British sales representative Specialist Trailer Hire Ltd. This milestone underscores the market leader's commitment to innovation and quality in the field of heavy haul and special transport solutions.

"It's exciting to have the first 'STEPSTAR' Z in the UK. I'm looking forward to putting it through its paces and discovering its full capabilities over the coming weeks and months," said Matt Cox, Hire manager at SECH Crane Hire.

"This is a significant step in our relationship with Goldhofer. We're proud to be



seeing the first forced-steered version of the 'STEPSTAR' on the roads of the UK," added Mark Howe, head of Sales at Specialist Trailer Hire Ltd., a Goldhofer dealer and partner of many years.

Goldhofer's "STARLINE" series, which includes the "STEPSTAR" Z, offers several



advantages. It stands for top quality, long service life and economical working and is thus the ideal solution for the needs of today's heavy haulage industry. The force-steered semi lowloaders in the "STEPSTAR" range boast premium quality engineering, high payloads at low deadweights, and an intelligent load securing system. They therefore

cover a full range of transport operations involving heavy and large loads and enable transport companies to win a wide variety of contracts throughout Europe.

Specialist Trailer Hire Ltd. is a noted British company for specialist trailer hire and sales in the UK. With a very full

portfolio and over 50 years of experience, it supports its customers with tailored solu-



tions for transport tasks involving loads of all shapes and sizes. SECH Crane Hire is a leading provider of crane hire services in the UK, boasting a modern fleet and extensive expertise in the field.

Source: Goldhofer AG

30 Years of KAMAG PrecisionMover

TII KAMAG, the specialist for internal transport solutions within the TII Group, is celebrating the 30th anniversary of its market-leading swap body transporter, now known as the KAMAG PrecisionMover (formerly the "Wiesel"). Since its market launch in 1995, the swap body transporter has had a decisive influence on yard logistics processes – thanks to its optimum ergonomics, efficiency and reliability.

The KAMAG PrecisionMover facilitates the precise maneuvering of swap bodies, semi-trailers and trailers in the tightest of spaces. What began 3 decades ago through the first delivery to the Deutsche Post quickly developed into the standard in yard logistics. Thanks to its outstanding manoeuvrability and speed, the PrecisionMover optimises logistics processes and greatly increases efficiency in goods transshipment logistics.

The success of the KAMAG PrecisionMover is based on continuous development and innovation. In the first few years, different Mercedes cabins from the van



segment were used in the construction. A milestone in 1999 was the introduction of the ATEGO cab from Mercedes that allowed the swap body transporter to really come of age and set new standards in ergonomics and safety. TII KAMAG also relied on innovations very early on in the technical field. Initially, the swap body transporter was equipped with an automatic transmission. In 1998, the switch to the hydrostatic drive followed which remains the technical highlight of the PrecisionMover to this day. This type of drive enables precise and low-wear maneuvering, allows continuous forward and reverse driving and thus ensures maximum efficiency particularly in depots with limited space.

In 2019, TII KAMAG introduced a specially developed modern driver's cab



that significantly improved both comfort and safety thanks to its ergonomic design especially through its low entry and excellent all-round visibility. There were also further technical advances such as the hydraulic 5th wheel coupling and hydraulic container locking system which can be controlled directly from the driver's seat. Since 2024, the PrecisionMover has also been available in a hot-dip galvanised version that contributes to improved efficiency

and sustainability through its corrosion resistance.

Since 2013, TII KAMAG has consistently pursued the path of electrification and sustainable logistics solutions. Through the introduction of the hybrid Wiesel and subsequently the fully electric KAMAG ePrecisionMover (formerly the E-Wiesel), the company was able to meet the growing demand for environmentally friendly alternatives.

In 2024, TII KAMAG presented the 3rd generation of the ePrecisionMover which stands out through a more efficient battery, thermal management system and shorter recharging times. The company is thus making an important contribution to reducing CO₂ emissions in logistics and supporting customers on their way to a

sustainable future. In addition, TII KAMAG is continually driving forward the automation of yard logistics operations. Feasibility studies regarding autonomous solutions for use in depots have been underway since 2018.

The success story of the KAMAG PrecisionMover is not limited to Germany. As early as the late 1990s, TII KAMAG began to develop markets throughout Europe. Long-standing customers include wellknown large corporations, system logistics specialists, parcel service providers and freight forwarders. The reliability and durability of the PrecisionMover have made it a permanent fixture in the logistics industry. Today, the KAMAG PrecisionMover is the leading swap body transporter and over 2,500 vehicles are in use throughout Europe.

Even after 30 years, the KAMAG PrecisionMover remains a symbol of technological progress. Looking to the future, TII KAMAG continues to invest in its research into autonomous vehicles and solutions for electromobility. The company is determined to continue to shape and influence yard logistics in the coming decades through sustainable innovations.

"30 years of KAMAG PrecisionMover is not only an important milestone for our company but also for the entire logistics industry," explained Godehard Eidenhammer, head of Sales Yard Logistics at TII KAMAG. "We are proud of our success story and look forward to continuing to play an active role in shaping the future of logistics."

Source: Transporter Industry International GmbH

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Dutch Crane Company Receives One of Europe's First Grove GMK4080L All-Terrain Cranes

Dutch crane company Kraanverhuur Tholen has received one of the first Grove GMK4080L all-terrain cranes, a model from Manitowoc launched in April 2023.

Kraanverhuur Tholen is a crane company specializing in construction. It is centrally located in The Netherlands and operates in the triangle of the Dutch provinces of Zeeland, South Holland, and Noord-Brabant.

The crane is being used to renovate and expand a residential home in Tholen, Zeeland. The timber frame construction is utilizing the crane to lift several large wooden support beams and to lift and unfold hinged roof elements.

Kraanverhuur Tholen owner Jordy



impressive load charts for jobs in the 70 t - 80 t class. A long boom is also useful for high-altitude jobs or large radii where we would otherwise need a larger crane.

lowest gross vehicle weight. It can carry up to 5.2 t counterweight while maintaining 10 t per axle and that can be increased to 13.3 t counterweight with a 12 t axle load.



Jordy Weggemans, owner and crane driver at Kraanverhuur Tholen, with Niek Brabers, sales manager of mobile cranes at Manitowoc.

Alternatively, it can drive with its full 19.1 t counterweight with a rating at less than 16.5 t axle load. The crane's versatility and strong load charts, both with full and taxi counterweight, make it the

Weggemans selected the GMK4080L for its capabilities and versatility.

"I was looking for a crane that could access narrow jobsites and handle jobs typically performed by a 50 t crane, with

Grove's GMK4080L had everything we were looking for," he said.

Grove's GMK4080L is an 80 t, four-axle all-terrain crane featuring a 60 m boom – the longest in its class – combined with the

ultimate choice.

The Grove GMK4080L lifts wooden support beams and hinged roof elements on a residential renovation.

Source: The Manitowoc Company, Inc.

Solutions for the Construction Sites of the Future at Bauma

The future belongs to those who help to shape it. This is the approach Liebherr is embodying at Bauma 2025 in Munich, through the motto 'Hands on the future'. This gives expression to the Group's proactive 'hands-on' approach of confronting tomorrow's challenges today. Liebherr sees itself as a dependable partner in technology that works hand-in-hand with its customers to develop innovations, to jointly create practical and future-proof product solutions that fulfil their individual requirements and wishes.

All this and more is on display in a booth area stretching some 14,000 m², or in other words more than 2 football pitches, showcasing over 70 exhibits alongside a variety of technologies and solutions.

In the Middle outdoor area, Liebherr is showcasing its latest developments in the fields of mining machinery and construction machines

The components product segment introduces drive solutions and more besides in hall A4.

Liebherr presents attachments and quick

coupler systems in hall B5.

The booth for mixing technology and measuring technology can be found in hall C1.

Inside the congress centre, ICM foyer, Liebherr introduces itself as an employer, with fascinating insights into what it's like to work in the Group.

A whole host of new products await visitors to the booth – many of them machines and innovations that Liebherr is unveiling to the public for the very first time.

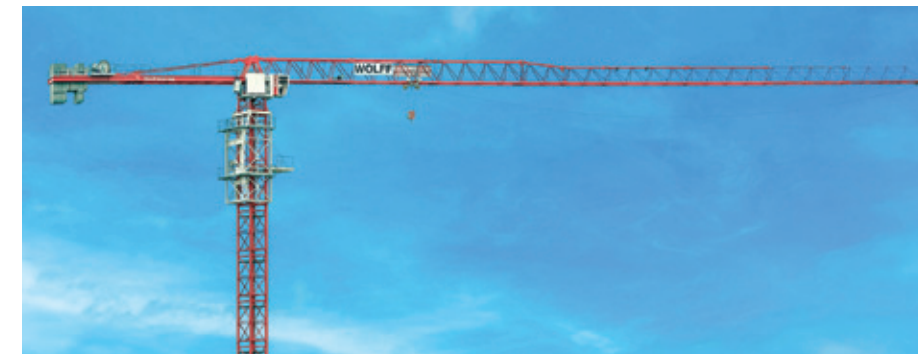
Source: Liebherr

The New WOLFF 8038 Clear: Large, Powerful, Yet Easy to Assemble

Whether for airports, industrial facilities, or data centers, large-scale projects in prefabricated or modular construction often require hammerhead cranes due to their exceptional lifting capacities. Now, Wolffkran introduces the WOLFF 8038 Clear, a new flat top crane that excels in lifting capacity while boasting effortless assembly and transport. Competing in the 560 mt class, the WOLFF 8038 Clear is the largest flat top crane in the portfolio to date.

"Large cranes are in demand," said Mohamed Abouelezz, head of Business Development and Product Management at Wolffkran. "Globally, we are witnessing a trend toward construction with prefabricated parts and modules. At the same time, customers are increasingly focused on hassle-free assembly. The WOLFF 8038 Clear combines the performance of a hammerhead crane with the assembly advantages of a flat top design."

With an 80-m jib length and a maximum



lifting capacity of 20 t, the WOLFF 8038 Clear rivals models with tower tops. Its point-bearing capacity of 3.8 t at an 80-m jib radius is impressive – even in comparison to the competition. An optional extension can increase the jib length to 85 m, where it can still lift 2.1 t at the top.

Since the launch of the WOLFF 6523 Clear, the WOLFF design team has made it a priority to optimize jib design with the WOLFF 8038 Clear. The latest addition also features the patented smart jib design, in which the top chord can be assembled with a simple plug connection without the need for a hammer. The smooth transitions facilitate precise load positioning.

"We've also revised the design of the lower chord construction, optimizing it



with localized reinforcements," explained Wouter van Loon, project manager at Wolffkran. "This not only allows us to save around ten percent in material costs – which translates to lower prices – but also reduces assembly weights by 20%."

Additionally, the standard option for divided assembly of the jib minimizes weight and space requirements. The heaviest single component weighs just 15 t.

As an assembly aid, the WOLFF 8038

preequipped for a new, upcoming under-hook camera system. This system allows the crane operator to perfectly monitor the load at any jib position and height and can also be combined with HiSPS.



Clear is equipped with bolt depots at all points where the crane components need to be installed overhead, such as the crane top. The bolts always remain in the correct position and only need to be slid into the designated holes with a single motion. This provides physical relief for the assembly personnel. Additional support for assembly and maintenance is provided through features such as extra platforms for divided jib assembly, foldable railings on the counter jib, and optional auxiliary cranes for tasks involving the hoist and slewing gear.

For increased safety and convenience during operation, the crane can be optionally equipped with a second brake on the hoist winch and the WOLFF High-Speed Positioning System (HiSPS). It is also

As a pure 2-line crane, the WOLFF 8038 Clear can be ordered with either a 75 kW or a 110 kW hoist winch, enabling operating speeds of up to 132 m/min or 190 m/min respectively. A US-version with a 110 kW hoist winch is also available. The hoist winch performance can be reduced by up to 50% on construction sites where full capacity is not required. This lowers power needs and avoids unnecessary energy use. For optimal, space-saving positioning on construction sites, the crane is equipped as standard with a 2.3-m tower connection but can also be mounted on a 2.0-m tower to fit into elevator shafts. It is designed for worldwide use on construction sites and can be transported on 6 trucks.

Source: WOLFFKRAN International

Liebherr Crawler Dozers with LiReCon System Deliver Increased Safety for Austrian Armed Forces

Two new Liebherr Crawler Dozers, equipped with the new LiReCon system, are providing active support for munitions clearance and disaster recovery for the Austrian Armed Forces. Used in earthmoving operations at the Allentsteig military training ground, the system provides a vital boost to safety in areas containing multiple unexploded munitions.

The LiReCon remote control system allows for swift driver changeover in multiple shift operations, reducing machine downtime. Most importantly, the driver is no longer physically tied to the machine, so that isolated or dangerous areas can be operated by remote control.

The military training ground of the Austrian Armed Forces, at Allentsteig in Lower Austria, was the location for a special handover in the summer of 2024. Under contract from the Federal Ministry of Defence, Liebherr supplied 2 Generation 8 PR 726 Crawler Dozers. The dozers were equipped with the new Liebherr Remote Control System (LiReCon). The delivery was backed up with extensive training and instruction on the new LiReCon system. With the deployment of these teleoperable Liebherr machines the Austrian Armed Forces can safely execute driverless operations both for disaster recovery and for clearance of areas containing multiple unexploded munitions at the military training ground.

Using the Liebherr teleoperation stand and a high-resolution video signal, this system opens up completely new operational horizons. The Crawler Dozer enables flexible remote control operation, opening up access to areas that are otherwise difficult to reach or hazardous to work. In addition to increasing safety, LiReCon also boosts driver comfort and productivity. But it is the ability of the system to work in dangerous environments that the Austrian Armed Forces found most impressive. This particularly applies to operational areas such as the military training ground in Allentsteig, with potential unexploded munitions present, or in disaster recovery work.

Equipped with cameras with real-time video transmission, the Liebherr system displays the work area with different views



from varying angles. Microphones track the machine noises, and radio receivers and transmitters ensure a seamless connection to the remote driver. The main monitor uses a high-resolution video signal to provide a comprehensive view of the entire operational environment of the Crawler Dozer. The active person detection system, fitted as an option, identifies persons or obstacles in the work area, further increasing safety, to avoid accidents and prevent damage. LiReCon expands the operational horizons for Crawler Dozers.

Based on their positive experience with the Liebherr PR 726 Crawler Dozers supplied in 2018, the Austrian Armed Forces collaborated with Liebherr Product Development to come up with a new operational design tailored to their needs. The machine design was developed for teleoperation along with a container fully equipped for remote radio control of the machine.

LiReCon supports a range of remote control configurations. The on-site solution enables remote control of machines without visual contact, while relay stations are available as an option for extended operational range. The system can also be operated via an internet connection. Full integration into the machine control system, ensures that all current and future assistance functions can be used. LiReCon is therefore a foundation element for future device automation.

LiReCon is a universal cross-sector product. The intuitive user interface allows it to be readily integrated into different Liebherr machines, making it easy to switch between a wide variety of operating units.

In terms of safety, the system has an integrated emergency stop control to stop

the machine dead in dangerous situations, as well as special safety functions for LiReCon machines. Data security for LiReCon is ensured by encrypted data transmission and monitored data packets. It also offers operator certification with various authorization levels.

With Liebherr's standard Operator Assistance Systems and increased blade capacities, the Liebherr PR 726 G8 is suitable for both grading with millimetre-precision and for operations demanding pushing performance, for example in road clearance operations with the Austrian Armed Forces corps of engineers.

The electronically controlled operating hydraulics can be precisely tailored to the operating conditions and the driver's needs. As a result, the Liebherr development team have been able to integrate intelligent assistance functions and machine control systems. Liebherr Indicate provides the driver with detailed information about the absolute longitudinal grade and cross slope of the machine, together with all the parameters for the Liebherr Assistance Systems. The parameters for the desired terrain can be entered directly into the touch display as target specifications, which then flow in real time into the active blade control. In the case of the Austrian Armed Forces, this can also be carried out from the external LiReCon control station in the container. All Liebherr Assistance Systems have been developed as open systems with a focus on the future requirements of modern digital operations management.

Source: Liebherr Österreich Vertriebs- und Service GmbH



Fast-Growing Indian Real Estate Company Aparna Group Expands with Major Order for Potain Cranes

Leading Indian construction company Aparna Group recently announced a significant expansion of its fleet with the addition of multiple Potain MCT 85 top-slewing tower cranes. These new cranes are playing a vital role in a range of high-rise developments that highlight the company's ongoing dedication to bringing innovation and quality to the Hyderabad skyline. The cranes are currently working at 4 major luxury projects.

"Tower cranes are the backbone of our projects. The performance and reliability of Potain cranes empower our team and give



them the confidence to keep our projects

on track. Our latest, substantial investment in new Potain cranes represents an important step for Aparna Group in further enhancing our construction capabilities. With Potain's durability and reliability, we are well-equipped to continue delivering high-quality projects on time," said Ediga Srinivasulu, head of supply chain management for Aparna Group.

Aparna Group acquired its first Potain crane, a Potain MCI 85, in 2012, and has since expanded its fleet to over 40 cranes. Its latest investments are all MCT 85 models, which are manufactured locally at the Manitowoc factory in Pune.

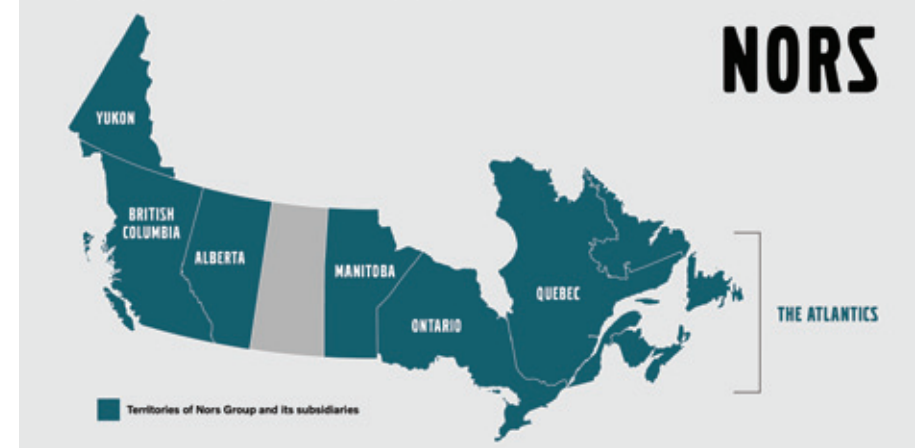
The cranes were selected for their powerful performance and compact design. Their design includes a 1.2 m square mast that enables them to be set up inside elevator shafts on projects, optimizing space and offering maximum coverage. The MCT 85 also features a maximum load capacity of 5 t and a jib length of up to 52 m, with a tip load of 1.1 t at full reach, providing exceptional versatility and precision. Another major benefit is the flat-top design for faster assembly, which also helps Aparna Group streamline its construction operations.

Customer support is provided by the local Manitowoc team in India who help keep uptime to an absolute maximum.

"Potain's extensive inventory of spare parts and quick response times have been crucial in helping us manage our fleet. The high level of service we receive is a key factor in our long-standing relationship, and our decision to add these latest units," noted Purna Prasad, general manager – supply chain.

Source: The Manitowoc Company, Inc.

Nors Appointed Exclusive Volvo CE Dealer for Manitoba



Nors Construction Equipment GW Ltd., a subsidiary of Portuguese-based private company Nors Group, has acquired certain Volvo CE-related assets of Westcon Equipment and is appointed the exclusive Volvo CE dealer in the province of Manitoba. The deal closed on January 1, 2025. Westcon has sold and serviced Volvo CE equipment since 2004 in Winnipeg.

A new Nors location in Winnipeg will offer the full Volvo CE product range, including compact, electric, general production, compaction, and rigid hauler products.

"I want to thank the employees at Westcon for their dedication over the past two decades," said Scott Young, head of Region North America, Volvo CE. "Their commitment ensures that we will continue to deliver quality products and responsive service to our customers across Manitoba as this new chapter begins with Nors."

Nors acquired Strongco Corporation in March of 2020 for its first entry into the Canadian market. Nors continued its growth in the Canadian market through its acquisition of Great West Equipment in March 2024.

"With so many years of experience in the construction equipment industries, we're confident that we will be able to leverage all the great work done so far by Westcon. This step will also strengthen our presence in Canada, and we expect to deliver very positive outcomes for all our stakeholders. It's a significant milestone for the Group, and we're excited for this new chapter," said Tomás Jervell, president and Group CEO of Nors.

Source: Volvo Construction Equipment North America

Appointments

Cemen Tech, a manufacturer of volumetric concrete mixers and concrete production equipment, recently announced **Fred Vincent** as the new National Used & Rental equipment manager. With over 25 years of experience in heavy truck dealer operations, Mr. Vincent will drive growth in Cemen Tech's rental and used equipment divisions.



In this new role, he will oversee rental fleet management, used equipment sales, and business development strategies to further strengthen Cemen Tech's market position. With a focus on customer relationships and operational excellence, he will help customers maximize profitability through flexible fleet solutions, including rentals, trade-ins, and buyback programs.

Fred Vincent holds a Bachelor's degree in Production and Operations Management from the University of Texas at Arlington and an MBA with concentrations in Finance and Marketing from Texas Christian University. He is also certified in Communications and Lean Six Sigma process improvement.

Source: Cemen Tech Inc.

Danfoss Drives' **Hannes Leichtfried** has been elected to serve on the **National Electrical Manufacturers Association's** (NEMA) Board of Governors.



NEMA announced the election of 3 new board members and 3 new officers on November 13, following its 2024 Annual Meeting.

Mr. Leichtfried, an industry veteran and current vice president of sales and marketing for Danfoss Drives in North America, brings nearly 30 years of experience in electrification to the position. He will serve a 3-year term alongside executives from companies such as Cisco Systems, Siemens, Schneider Electric and Rockwell Automation.

"I am honored to join the NEMA Board of Governors and look forward to working with my colleagues to help advance electrical manufacturing," said Hannes Leichtfried. "As industries move closer to electrification in order to achieve our climate goals, it is vital that Danfoss and other manufacturers work together to advocate for a safe and efficient transition."

NEMA represents over 300 electrical equipment and medical

imaging manufacturers.

Source: National Electrical Manufacturers Association (NEMA)

Schwarze Industries LLC, an Alamo Group company, recently announced that **Dan Federico** has joined as its new Southeast Regional sales manager.



With over 20 years of experience in sales management and business development, he brings a notable track record within the sweeping industry.

Mr. Federico is known for leading team success and building strong client relationships at both the manufacturer and dealer levels. His achievements include doubling revenue growth and developing customer-focused solutions while promoting strategic initiatives that enhance business value.

In his new role, he will continue to drive market share growth for Schwarze in the Southeast, overseeing strategies to improve market reach and service delivery for our customers. His focus on channel management, team development, and long-term client relationships aligns with our goals. Dan's leadership will be important in expanding our presence and addressing the needs of our customers in this region.

Source: Schwarze Industries LLC

OTR Engineered Solutions (OTR) recently announced **John King** as its new vice president of Aftermarket Sales. In this role he will help lead sales efforts for OTR's line of tires, wheels, assemblies, and tracks to aftermarket customers within multiple industries, such as agriculture, construction, golf, lawn & garden, material handling, powersports, and specialty vehicles.



"OTR has been aggressively recruiting talent to help us achieve our strategic goals, and John is a great fit to grow our aftermarket business segment," said Mitch Mittlestadt, general manager, Aftermarket.

John King offers nearly 30 years of sales and operations management experience. This includes more than 10 years of experience in the tire industry, where he consistently increased sales growth for a major manufacturer. He is also responsible for improving customer experience through the development of

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"We're excited to add John to our aftermarket team," said Tom Rizzi, president and CEO. "OTR has been focused on making customers' lives easier, and John's background will further help us accomplish this mission, ensuring people can easily find and purchase the right solutions to meet their needs."

OTR Engineered Solutions is a specialist in off-the-road tire, wheel, and track solutions for original equipment manufacturers (OEMs) and aftermarket. Known for being an innovator in multiple off-the-road applications, OTR differentiates itself by providing value-added services such as warehousing, tire mounting, and sequencing, among other things.

The firm has long established strategic partnerships with OEMs covering Construction, Lawn & Garden, Powersports, Agriculture, Forestry, Mining, Material Handling, and Specialty Vehicle markets. OTR's infrastructure comprises 30+ facilities and warehouse locations throughout the U.S., Canada, Europe, and Asia, serving customers globally.

Source: OTR Engineered Solutions (OTR)

OTR Engineered Solutions (OTR) recently announced the nomination of **Eduardo Montero** as vice president of OEM Sales for the agricultural and lawn & garden segments. He offers vast industry experience, which he will leverage to help support and grow OTR's OEM business within these product lines.



"We are excited to welcome Eduardo Montero to OTR in his new role as vice president of OEM Sales for the Agricultural and Lawn & Garden segments. Eduardo brings a balance of industry knowledge with a focus on customer service that will help drive OTR's future success," said Ben Brown, global vice president of OEM Sales & Marketing.

Mr. Montero has a background in international sales with leading manufacturers that supply agricultural, automotive, and related industries. Throughout his 30+ year career, he has consistently grown sales with large OEM accounts. Most recently, he served as manager of Latin America sales and global strategic OEM accounts for a multi-billion-dollar industrial manufacturer.

"It's an amazing time at OTR, as we're not only investing in product development and infrastructure, but also in experienced people," said Tom Rizzi, president and CEO. "Eduardo is a welcome addition to OTR's sales team, and he'll help us continue to grow in the agricultural and lawn & garden segments."

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Source: OTR Engineered Solutions (OTR)

Agenda

ExpoCam

February 6-8, 2025
Montréal, QC Canada

Pumps & Valves 2025

February 19-20, 2025
Dortmund, Germany

BUILDEX Vancouver

February 26-27, 2025
Vancouver, BC Canada

PDAC 2025

March 2-5, 2025
Toronto, ON Canada

NTEA Work Truck Week

March 4-7, 2025
Indianapolis, IN USA

Waste 360's Waste Expo

May 5-8, 2025
Las Vegas, NV USA

World of Asphalt/AGG1

March 25-27, 2025
St. Louis, MO USA

EXPO Grands Travaux

March 26-27, 2025
Saint-Hyacinthe, QC Canada

2025 Good Roads Conference

March 30-April 2, 2025
Toronto, ON Canada

No-Dig Show 2025

March 30-April 3, 2025
Denver, CO USA

2025 CGA Conference & Expo

April 7-10, 2025
Orlando, FL USA

bauma 2025

April 7-13, 2025
Munich, Germany

APOM Technical Day

May 8, 2025
Drummondville, QC Canada

RETTmobil International

May 14-16, 2025
Fulda, Germany

AORS Public Works Municipal Trade Show

June 4-5, 2025
Woodstock, ON Canada

RE+ 2025

September 8-11, 2025
Las Vegas, NV USA

APOM Technical Day

September 11, 2025
Shawinigan, QC Canada

inter airport Europe 2025

October 7-9, 2025
Munich, Germany

The Utility Expo

October 7-9, 2025
Louisville, KY USA

Equip Exposition / Hardscape North America

October 15-18, 2025
Louisville, KY USA

International Mining and Resources Conference (IMARC)

October 23-25, 2025
Sydney, NSW Australia

Agritechnica

November 9-15, 2025
Hanover, Germany

International WorkBoat Show

December 3-5, 2025
New Orleans, LA USA

GaLaBau 2026

September 15-18, 2026
Nuremberg, Germany



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