

InfraStructures

CONSTRUCTION • PUBLIC WORKS • NATURAL RESOURCES

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A Brief Word...

So, who else is feeling like they are on a flight losing altitude with turbulence? Are you reaching for the sick bag or bracing for impact? All this just as the exhibition and work seasons kick-off and even the weather seems confused.

The good news is the global playing field is about as level as it has always been, Canada has some OEMs for niche equipment, and many dealers have prepared by boosting inventories somewhat. Our economy won't begin to feel the full effects until some time after Q2, by which time contractors will be dug in with projects and municipalities will be committed to their plans.

The April Showers should lead us to the Darling Buds of May.

What of the future? Firstly, "Business as Usual" is a bad plan. Fleet owners need to realize they will have to spend money either on maintenance or on replacement (repairs happen, so that should already be figured in). In general, well-maintained kit will last and produce. Low prices and creative accounting has created a false economy for flipping equipment prematurely in recent decades. As we are learning, Accountants are the worst people to take business advise from.

Our watch words must echo those of our Fathers and Grandfathers; Save but not Miserly, Invest but not Vainly, and most importantly Care for those Investments, in equipment, facilities, or personnel. These are what give your enterprise VALUE!

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On the cover: BOMAG Americas' exhibit at the World of Asphalt/AGG1, held March 25-27, 2025, in St. Louis, Missouri, included multiple product launches and compaction technology features that save asphalt contractors time and money on projects

CHECKPROOF ANNOUNCES U.S. EXPANSION AT WORLD OF ASPHALT/AGG1

CheckProof AB, a Swedish SaaS company, and Operations Management platform focussed on Maintenance, Health & Safety, Environment, and Quality solutions for the construction materials industry, is expanding its global footprint with the registration of CheckProof US Inc. and the opening of its first U.S. office in Houston, Texas. CheckProof US Inc. will

create several job opportunities in Texas, for talented Customer Service and Sales Professionals with experience from the construction materials industry.

CheckProof provides a frontline-friendly operations management system designed for the construction materials industry, integrating maintenance, quality, health and safety management in one single platform.

The announcement was made during

a press conference at World of Asphalt / AGG1, held in St. Louis, Missouri, March 24-27.

This marks a significant milestone for CheckProof as it strengthens its presence in the U.S. market, positioning the company to better serve its growing customer base. The launch of CheckProof US Inc. will also enable the company to provide dedicated, in-time-zone support for U.S. clients.

Source: CheckProof AB

HEXAGON RECEIVES IDC SAAS CUSTOMER SATISFACTION AWARD FOR EAM

Hexagon has been awarded the IDC SaaS Customer Satisfaction Award for Enterprise Asset Management (EAM). Hexagon believes this prestigious recognition validates a commitment to delivering customer satisfaction and exceptional value with its HxGN EAM solution.

The IDC SaaS Customer Satisfaction (CSAT) Awards recognize software-as-a-service (SaaS) vendors in various application markets based on customer satisfaction scores. HxGN EAM placed in the highest scoring group among EAM vendors, reflecting the company's dedication to excellence in customer service and innovative solutions.

The award was based on the findings of IDC's comprehensive 2024 SaaS Path Survey, which gathered insights from approximately 2,900 organizations worldwide. Customers evaluated their vendors across more than 30 satisfaction metrics, and Hexagon emerged as a leader in the EAM sector.

"We are honored to receive the IDC SaaS Customer Satisfaction Award for EAM," said Tom Kurtz, Vice President, Portfolio Strategy & Enablement, EAM Segment Lead, Hexagon's Asset Lifecycle Intelligence division. "We feel this recognition underscores our commitment to providing customers with innovative and reliable solutions that help them achieve their operational goals. We are grateful to our customers for their trust and feedback, which continue to drive our efforts in delivering exceptional value."

The survey found businesses are increasingly investing in EAM solutions, with 60% of companies planning to increase their SaaS EAM spending in 2025. Hexagon is well-positioned to meet this growing demand by continuously enhancing its

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offerings with advanced capabilities such as AI/ML, analytics and additional modules.

IDC's SaaS Path Survey ensures that customer satisfaction metrics and ratings are collected solely from current customers, providing an accurate reflection of up-to-date customer sentiment. This rigorous evaluation process highlights Hexagon's strength in maintaining strong customer relationships and delivering value through its EAM solutions.

According to a recent IDC Market Note, "Hexagon's recent release of its Alix assistant is another step in the progression of generative AI (GenAI) applications in asset-heavy industries." The report went on to say, "Hexagon's announcement further confirms the rapid progress that GenAI is making in the ALM market. IDC's 2024 SaaS Path Survey indicates that 47% of ALM applications customers have GenAI and are using it." 1

Source: Hexagon AB

CIB TO INVEST \$117.4 MILLION IN WEAVERS MOUNTAIN WIND

The Canada Infrastructure Bank (CIB) has reached financial close on a \$117.4 million loan to support the construction of a 94.4 MW wind farm in Nova Scotia's Antigonish and Pictou counties.

The Weavers Mountain Wind Energy Project will feature 16 Nordex turbines at a 125 m hub height, with anti-icing system blade technology and a 25-year power purchase agreement.

The project will generate clean, renewable power and will create approximately 150 jobs during the construction phase.

Glooscap First Nation will hold a majority stake in a joint venture with SWEB Development. The project will be supported by Desjardins Group, which will provide \$105.6 million in credit facilities, while Natural Resources Canada will contribute \$25 million in grants.

The financing will help fund the installation of wind turbines and associated electricity infrastructure. The project aims to reduce annual emissions by about 221,000 t CO₂e, equivalent to 1.5% of Nova Scotia's total emissions in 2022.

This clean energy initiative supports the decarbonization of the Nova Scotia electrical grid, contributing to more reliable, affordable electricity for ratepayers and accelerating the province's energy transition.

Nova Scotia aims to achieve 80% of energy from renewables by 2030, with a goal to reduce greenhouse gas emissions from electricity generation by more than 90%.

The CIB's low-cost, long-term financing plays an important role in narrowing the affordability gap between wind generation and alternative emitting sources.

Project revenues from a power purchase agreement with Nova Scotia Power Inc. will be used to repay the CIB loan.

The wind project is expected to begin commercial operations in late 2026, marking an important step forward in the province's transition towards a more sustainable future.

Source: Canada Infrastructure Bank

JOHN DEERE JOINS GROWTH ENERGY IN COMMITMENT TO ADVANCING RENEWABLE FUELS

Growth Energy, a U.S. biofuel trade association, recently welcomed John Deere as its newest member. A specialist in the production of agricultural, construction, forestry, and turf equipment and solutions, John Deere has helped its customers produce food, fiber, fuel, and infrastructure worldwide for nearly 200 years.

"John Deere is among the world's most recognizable brands, and we're thrilled to welcome them to our membership network," said Emily Skor, Growth Energy CEO. "John Deere's decades of experience providing renewable fuel-compatible solutions to their customers demonstrates their commitment to a vibrant rural economy, and their membership at Growth Energy underscores the strong connection between biofuels and the farm economy. We look forward to leveraging their agricultural expertise as we work to champion policies that advance the biofuel industry and expand the bioeconomy."

"Renewable fuels like corn ethanol deliver clear benefits by enhancing energy independence, reducing prices at the pump, and lowering emissions, all of which are made possible by our farmer customers," said Cory Reed, president of the Worldwide Agriculture & Turf Division for Production & Precision Agriculture at John Deere. "John Deere has long worked with farmers to advance and promote the use of crop-based renewable fuels, and we're proud to partner with Growth Energy to continue this critical work through policy advocacy, industry engagement, and public

education."

John Deere joins Growth Energy as a premium associate member, and will also have a non-voting seat on the association's board of directors. To learn more about Growth Energy's membership, click here.

Source: John Deere Company

HEXAGON COMPLETES THE ACQUISITIONS OF THE GEOMAGIC SOFTWARE SUITE AND SEPTENTRIO NV

Hexagon recently announced the closing of 2 acquisitions, following the completion of regulatory approvals and other customary closing conditions:

- the acquisition of 3D Systems' Geomagic suite of software packages, first announced on 12 December 2024;
- the acquisition of Septentrio NV, first announced on 7 January 2025.

The Geomagic suite was consolidated as of April 2025 and will operate within Hexagon's Manufacturing Intelligence division. The Geomagic products are used to create high-quality 3D models from multiple sources, including laser scanning.

Septentrio NV was consolidated as of March 2025 and will operate within Hexagon's Autonomous Solutions division. Septentrio is a market leader in GNSS technologies for mission-critical navigation and autonomy applications.

Source: Hexagon AB

PROGRESSIVE PLANET SECURES FINANCING FROM BC'S CLEAN ENERGY FUND TO ADVANCE POZGLASS PILOT PLANT

Progressive Planet recently announced it has been awarded a \$1,140,000 grant from the British Columbia Innovative Clean Energy (ICE) Fund, supporting the continued development of its revolutionary PozGlass™ pilot plant.

PozGlass™ represents a breakthrough in low-carbon cement technology, transforming post-consumer glass into a high-performance supplementary cementitious material (SCM). This funding represents another significant milestone as the company scales its solution to address cement's substantial carbon footprint.

"Cement production accounts for over 7% of global CO₂ emissions and creative solutions like Progressive Planet's pilot plant in Kamloops is exactly what we need to reduce emissions here in British Columbia, while boosting economic development," said Adrian Dix, Minister of Energy

and Climate Solutions. "With support from the British Columbia Innovative Clean Energy Fund, Progressive Plant is scaling up their pilot project, which is focused on reducing the cement industry's carbon footprint by transforming waste materials into valuable resources."

"PozGlass™ is the right solution at the right time," said Steve Harpur, CEO of Progressive Planet. "We're tackling two major environmental challenges at once: reducing cement's carbon footprint and creating a high value use for post-consumer glass that would otherwise end up in landfills. We gratefully acknowledge the financial support of the Province of British Columbia through the Ministry of Energy and Climate. The financial assistance of the BC Ministry of Energy allows us to scale up BC-based technology in British Columbia."

"This grant, alongside funding announced earlier this month and our strategic partnership with Lafarge Canada, is helping accelerate the transition to a lower-carbon cement industry," said Randy Gue, director, at Progressive Planet. "These investments are not just financial – they are

a signal that industry leaders and government agencies recognize the potential of PozGlass™ to scale and make a meaningful impact."

"This funding accelerates our mission to scale PozGlass™, demonstrating its readiness for commercial adoption while enabling the cement industry to achieve significant emissions reductions," added Mr. Harpur.

PozGlass™ reduces emissions by replacing up to 50% of Portland cement, sequesters carbon by permanently converting captured CO2 into limestone, and diverts waste by repurposing post-consumer glass into a valuable industrial material.

Cement production accounts for over 7% of global CO2 emissions, and sources for traditional SCMs like fly ash and slag are transitioning out. With Lafarge Canada already committed to purchasing all PozGlass™ produced at the pilot plant, Progressive Planet is well-positioned to scale a viable, made-in-Canada solution that supports both industry and the environment.

Progressive Planet's Kamloops, British Columbia-based pilot plant is set to begin

operations in October 2025. The first phase of operations includes dry processing of post-consumer glass to remove contaminants and create coarse glass powder – the key ingredient in PozGlass™.

Source: Progressive Planet

WORLD OF ASPHALT/AGG1 CELEBRATE SUCCESSFUL FIRST SHOW IN ST. LOUIS

The World of Asphalt Show & Conference and AGG1 Aggregates Academy & Expo hosted its first-ever St. Louis show with resounding success. From March 25-27, more than 11,500 industry professionals gathered to explore the latest innovations, network with peers, and enjoy the vibrant atmosphere of the Gateway City.

Visitors traveled from across the U.S. and abroad, some traveling as far as Australia, England, Argentina, and Mexico to take part in the leading asphalt and aggregates trade show and conference, including a special delegation from Nigeria.

The 2025 event featured a record amount of square footage, demonstrating the growth in cutting-edge equipment and technologies from exhibitors. The exhibit floor spanned more than 21,300 m² of the America's Center Convention Complex; a roughly 10% increase compared to the 2024 event in Nashville, Tennessee.

"This success is a direct result of the collaboration and hard work of all our partners, exhibitors, and staff," said World of Asphalt Show Director Brittany Schmidtke. "The momentum and growth in the asphalt and aggregates industry is evident by what we saw exhibited on the show floor and ultimately provided a richer experience for our attendees."

Attendees engaged in more than 120 educational sessions through the People, Plants, and Paving & AGG1 Academy. These conferences covered a wide range of topics essential to the asphalt and aggregates industries.

One of the highlights of the show was the new Community Zone, which provided a dedicated space for attendees to relax, work, and network. The Community Zone quickly became a favorite spot, fostering connections and creating a sense of camaraderie among participants.

"I think it was the location that drew a lot of people here," said Ashleigh Pinson from ShoulderMaster, an exhibitor from Australia. "I think the quality of clients that are coming through, they're serious and

they know what they want. We still leave exhausted at the end of each day, but it's exciting. We are living on adrenaline at the moment."

"It does seem like this industry innovates a lot," said Andy O'Brien with the Santa Barbara Public Works Department. "They're always pushing for something better, how to do it more efficiently and faster. It's all about fuel and raw materials. The more you can save doing that, especially as a government agency, we have to look at that. I think it's great."

World of Asphalt and AGG1 returns in 2027 when the show travels to New Orleans, Louisiana, March 15-17, 2027.

Held every year except during CONEXPO-CON/AGG years, World of Asphalt is the leading trade show and conference focused on the asphalt and paving industries.

AGG1 is the aggregates industry's leading exposition and education resource. AGG1 features in-depth industry-focused educational programming and comprehensive exhibits that showcase the latest technologies and innovations in aggregates-related equipment, products and services.

Source: National Stone, Sand & Gravel Association (NSSGA)

METSO UNVEILS GAME-CHANGING SUSTAINABLE FLOWSHEET EXPLORER FOR RAPID ASSESSMENT OF MINERALS PROCESSING FLOWSHEETS

Rising demand for strategic minerals and metals, depleting ore deposits and stricter environmental regulations call for innovative system-level thinking in minerals processing. In response, Metso is launching the Sustainable Flowsheet Explorer (SFX) enabling the assessment, simulation, and comparison of technological alternatives on circuit and full flowsheets within minutes instead of weeks. This innovative digital solution provides valuable insights on energy consumption, water usage, GHG emissions, costs, metallurgical performance, and much more.

"For our mining customers, the Sustainable Flowsheet Explorer streamlines the evaluation and comparison of technological alternatives with a focus on the Metso Plus solutions. It significantly reduces the time needed for initial flowsheet assessments, providing comprehensive flowsheet evaluation of metallurgical performance, environmental footprint, and other relevant

indicators that support informed decision-making. By centralizing key performance indicators on a single platform and providing clear visualizations of results, SFX enables more informed decision-making from the outset of a project," explains Rodrigo Grau, Vice President, Process Performance, Minerals Digital at Metso.

SFX employs a validated Life Cycle Assessment (LCA) methodology to ensure accurate and reliable evaluations. The robust methodology used in SFX integrates Metso's extensive know-how in the development of technology and process solutions across the entire value chain, from ore to metal. It is powered by Metso's proprietary process simulation software, HSC Chemistry®. SFX's web-based platform offers an intuitive and visually appealing 3D visualization of circuit or full process flowsheets, from mine to metal. SFX analyses are done in close collaboration with Metso experts.

Besides assessing technological alternatives, SFX can also assess the impact of different levels of automation in a

concentrating plant, leveraging the Metso Plus portfolio to improve energy consumption, water use, and CO2 emissions. In addition, SFX can be used to evaluate the impact of different tailings dewatering configurations, including various thickening technologies and advanced filtration systems.

Source: Metso

NEW NANO-TITANIUM ORGANO-FUNCTIONALIZED ORDINARY PORTLAND CEMENT BREAKTHROUGH

Salvatore J. & Erika G. Monte, owners of S&E Innovative Technologies, LLC and Kenrich Petrochemicals, Inc., recently announced the issuance of U.S. Patent No. 11,572,309, entitled "Construction Materials, Compositions and Methods of Making Same".

The patent protects nano-titanium surface modification of ordinary Portland cement. This novel modification to ordinary Portland cement significantly increases strength and provides other benefits, as the amount of water needed for flow is

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reduced by one-third. Enhanced applications include 3D printing and compatibilization of cement with organic materials such as polyethylene fabric, carbon, graphene, bio-based organic materials, inorganics, and polymers.

“Once the metal oxides that make-up the Portland cement are organo-titanium functionalized the result is: Greater compression strength; efflorescence elimination; faster mix cycles; polymer compatibiliza-

tion with epoxy, hydrocarbons such as oil, asphalt and plastics; prevention of rebar corrosion; more uniform cell structure in cement foam; more flexible structures for improved earthquake resistance; and the creation of ageless and beautiful concrete structures,” explained Mr. Monte.

The proprietary titanate coupling agent, trade named Ken-React® KCM-3E, additionally finds application for the compatibilization of otherwise incompatible materials.

Epiroc Acquires Remaining Shares of Mine Connectivity Provider Radlink



Epiroc AB, a leading productivity and sustainability partner for the mining and construction industries, has acquired the remaining shares of Radlink, the Australia-based business that provides mines with wireless connectivity solutions. Epiroc acquired a majority shareholding of Radlink, 53%, in 2022, and now owns 100%.

Radlink, headquartered in Perth, Australia, designs, delivers, and integrates wireless data and voice communication networks and supporting infrastructure to surface and underground mines. Robust wireless networks are vital to support mining automation, including enabling safe and driverless operations through autonomous and teleremote solutions, which in turn strengthen safety and productivity. Radlink's solutions are also fundamental for the digital transformation of mining operations, where getting data to the right place at the right time is crucial for making data-driven decisions. The company has approximately 415 employees.

“The innovative team at Radlink is already an integral part of Epiroc, and together we are bringing advanced connectivity solutions to mining customers,” said Helena Hedblom, Epiroc's president and CEO. “We look forward to continue providing mining companies with the right digital solutions to strengthen their operations.”

On January 16, 2025, Epiroc announced that 2 mining companies in Australia had ordered Long-Term Evolution (LTE) and digital connectivity solutions that include telecommunications towers, huts and power systems, at a value of more than kr250 million (\$35.3 million). The Radlink-provided solutions will strengthen safety and productivity by providing the remotely located mines with reliable, secure and high-speed bandwidth to enable applications such as automation, fleet management, and real-time data.

Source: Epiroc

“The nano-interface of dissimilar materials provide almost unlimited avenues for more efficient use of raw materials – sustainability and innovation,” he added.

Salvatore J. Monte has a track record of commercial success in cosmetics, digital copier toner, micro-electronics, energetic composites, rocket fuel, prevention of unplanned detonation of propellants, titanium golf balls, smart coatings, conductive inks, plastics, rubber, and recycle.

Source: S&E Innovative Technologies, LLC

SAF-HOLLAND ACQUIRES GUNITE AUTOMATIC SLACK ADJUSTERS

SAF-HOLLAND Group, one of the world's leading suppliers of trailer and truck components, including Haldex Brake System Products, recently announced the acquisition of the Gunite Slack Adjuster Product Line from Accuride Corporation in Livonia, Michigan.

The acquisition of the Gunite slack adjuster product line aligns with the SAF-Holland global strategy to reinforce its position in the heavy-duty brake product industry by expanding its brake product portfolio and strengthening its market presence.

Gunite automatic slack adjusters are recognized for their exceptional performance, reliability, and safety. Engineered to enhance braking efficiency, they help reduce operating costs and minimize downtime, delivering greater value to customers. The well-respected Gunite slack adjuster design will now be manufactured and serviced under the trusted brand, Haldex, the market leader in Automatic Brake Adjusters, with all its technologically advanced processes. We will also change the product designation to Gunite Automatic Brake Adjusters for continuity between products.

“We are thrilled to extend this offer for the Gunite automatic brake adjuster product line,” said Kent Jones, president of SAF-Holland – Americas. “The expertise that the Gunite automatic brake adjuster product line brings will be a valuable addition to our capabilities, supporting our vision to expand our product portfolio and better serve our customers.”

Source: SAF-HOLLAND Group

TRACKUNIT AND DANFOSS ENTER PARTNERSHIP TO ELIMINATE DOWNTIME

Two key players in the global construction industry have agreed a strategic

partnership ahead of bauma, the world's biggest construction show.

Trackunit and Danfoss will work together to integrate their respective expertise to help ease pain points among their shared OEM customers. Data from Danfoss components will be made available in Trackunit Manager while data from Trackunit Raw will now be accessible for Danfoss customers via Danfoss's Plus+1 service tool.

“This really is 2 experts from the construction industry coming together and forging a partnership that will make it much easier for customers to get the information they need to make business-critical decisions,” said Davide Manca, Danfoss's vice-president, Connect Controls Solutions. “At one end of the spectrum, we have our decades-long, domain knowledge in systems and components for the industry and at the other, there is Trackunit's expertise in connectivity as a leading software provider to construction.

“Customers will now have one entry point leveraging Trackunit's connectivity and accessing Danfoss's solutions more easily,” said Mr. Manca. “By putting these together, we're looking at a transformational leap for the customer experience, especially as we move towards the era of over-the-air solution updates and on-site network opportunities.”

The partnership will enable remote diagnostics, parameter settings, and eventually deliver OTA software updates for shared customers through Trackunit's network, allowing them to use existing solutions while connecting to Danfoss systems.

The collaboration aims to solve customer pain points by providing a single integrated solution that reduces downtime and service costs, particularly for machine OEMs who currently face expensive field maintenance and update procedures.

The partnership will also enable customers to meet the EU Machinery Directive stipulations that were published in 2023.

Source: Trackunit

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Mack Trucks Celebrates 125th Co-Anniversary with New York International Auto Show

Mack Trucks displayed an historic Mack AB tractor at the New York International Auto Show, April 18-27, in New York City. Mack and the New York Auto Show are both commemorating their 125th anniversary, a feat not many companies or events attain.

The first New York Auto Show opened in November 1900 to celebrate the “horseless carriage”. That year, the automobile was primarily something the wealthy owned. But mass production changed all that, and between 1910 and 1920, the automobile became a necessity for the general public.

The Mack AB model, the first standardized high-volume Mack truck, at this year's auto show was built in 1925, which exemplifies the dependability of Mack vehicles by celebrating its 100th anniversary of its introduction. Produced between 1914 and 1936, the Mack AB model was equipped with a 30 hp 4-cylinder engine. Eventually, the engine's horsepower was increased to 60 hp.

Source: Mack Trucks



Axiomatic Has Developed a Rugged Product Line Suited for Use in Construction and Mining Equipment

The AX021910 8 Input, 5 Output Valve Controller (8i5o) is designed for versatile control of up to 4 proportional outputs to directly drive coils or other loads. Its flexible circuit design gives the user a wide range of configurable input or output types. The sophisticated control algorithms allow the user to program the controller for a wide range of applications without the need for custom software. It can be operated as either a self-contained control system, driving the outputs directly from the on-board inputs, and/or it can be integrated into a CAN J1939 network of controllers. All I/O and logical function blocks on the unit are inherently independent from one another but can be programmed to interact in many ways.

The AX141620 CAN isolator is a communication interface that allows for fast bidirectional data exchange between 9 CAN ports. It routes messages from Port X to Port Y based on message ID filter and can be configured as a switch to broadcast messages on all ports. It has configurable baud rate and a configurable termination resistor.

Source: Axiomatic Technologies Corporation



New Cummins Gasoline Engine for Kenworth Medium Duty Trucks Meets All 2027 EPA and CARB Requirements

Last month, at NTEA Work Truck Week®, Kenworth showed the Cummins B6.7 Octane engine for the first time. The new gasoline engine will be EPA 2027 certified, will meet strict CARB low NOx regulations, and will be available for order later this year in Kenworth's line of Class 5-7 conventional trucks.

The Cummins B6.7 Octane engine provides diesel-like performance with 200-300 hp and up to 660 lb ft of torque.

"The engine was validated against the same standards as Cummins diesel B6.7 engine," said Kevin Haygood, Kenworth's assistant general manager for sales and marketing manager. "With environmental regulations changing, it spurred us to offer another engine option to our customers. The new Cummins B6.7 Octane engine will meet stringent emission regulations, so we expect it to be a popular option in California and other states that have adopted CARB's standards. It can be a great fit for

many of our customers' applications, especially in P&D, and towing applications. We also see it being popular for the lease and rental markets, as well as for landscapers, where those behind the wheel are used to driving gas-powered vehicles."

The B6.7 Octane engine also simplifies maintenance.

"There is no need for DEF and active regens with this engine since Cummins utilizes a 3-way catalyst for emission control. What's more, body builders will not have a problem with the engine or placement with the fuel tank which will streamline upfits," said Mr. Haygood. "Some fleets that run Class 5-6 trucks run an all-gasoline fleet and their maintenance facilities are set up



for that. By spec'ing the Cummins B6.7 Octane engine, new customers can step into a Kenworth and enjoy all the driver comfort and longevity a Kenworth offers while keeping their operations simplified with a gasoline powerplant."

Source: Kenworth Truck Company

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

Whether you're looking to upgrade your fleet, streamline your operations, or simply stay ahead of industry trends, the AORS 2025 Public Works Trade Show is the place to be. This year, the Woodstock Fairgrounds offer a spacious and accessible venue for the Trade Show, ensuring exhibitors have ample room to display their equipment and attendees can navigate the event with ease.

The site's central location in Woodstock, Ontario, makes it convenient for visitors from across Ontario, and beyond.



The Oxford County Road Supervisors Association and Association of Ontario Road Supervisors (AORS), would like to extend their gratitude to the sponsors, exhibitors, and

volunteers who make this event possible. Their dedication and support are what ensure the AORS Public Works Trade Show continues to be a resounding success year after year.



The 2025 AORS Public Works Trade Show is set to take place on June 4-5 at the Woodstock Fairgrounds. This premier event is the largest public works trade show in

Ontario, showcasing cutting-edge technology, equipment, and services for the municipal and public works sectors.

With thousands of attendees from municipalities, contractors, and suppliers across the province, the 2-day event provides a unique opportunity to network, share best practices, and explore innovative solutions to the challenges we face in our industry. Attendees can expect to see the latest advancements in road maintenance, construction, traffic control, and safety equipment.

However, the AORS Public Works Trade Show is not just about equipment and technology. It is also about connecting public and private sector professionals in an informal setting and relax environment.

As we write this, the show is almost fully sold out!

However, it would be worthwhile to contact the AORS just in case if you would like to participate as an exhibitor.

Source: Association of Ontario Road Supervisors (AORS)



Association of Ontario Road Supervisors

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Although highly suited to primary aggregate production in quarries and sand and gravel plants, Screencore's mobile and modern range of mobile solutions has found a real niche in processing materials arising from construction operations. Possessing exceptional productivity but at the same time being fuel efficient, the crushers, screens and stockpilers are now at work throughout the world processing a variety of materials, turning what was once considered to be waste into a valuable resource.

Companies working in the demolition and recycling industries have been quick to see how Screencore material processing and handling equipment can aid their business operations. Playing a major part in the success of Screencore has been the company's extensive international distributor network. The relationship forged has led directly to a number of compact Screencore tracked jaw crushers, Trident

scalper-screens, Orbiter trommels and radial stockpilers being used to recycle construction and demolition materials. To this can now be added a bespoke selection of stationary recycling plants. All of these solutions are designed to benefit users, helping them to turn waste into high quality aggregates and other valuable products.



"The Screencore product range was developed in order to meet the needs of the modern contractor and materials handling operation. We have set out to build to the highest standards equipment

that helps people in the field be more profitable, efficient and effective in what they do. We have also incorporated environmental efficiency into every step of our processes to minimise customers' carbon footprint. All this has meant that working with our distributors has seen Screencore equipment adopted on numerous projects, turning construction waste into reusable and/or resaleable products," explained Screencore director, Ciarán Ryan.

A typical application: in this case, a Screencore XJ Dual-Power Crusher being fed the demolished or excavated material, usually by an excavator or loading shovel. The Screencore XJ itself is a dual-power 1000 mm x 650 mm jaw crusher designed with a compact footprint. It has proved to be ideally suited to the modern demands of a recycling contractor, rental fleet or inner-city demolition/recycling site. It weighs in at just 30,000 kg which means that it can be easily relocated without the

need for permits. It is designed to be both environmentally and acoustically friendly while delivering impressive throughput even on hard rock applications or concrete with rebar.

Following crushing to -100 mm, the material is then fed into a 17,000 kg Trident 124 scalper/screener to produce 0/25 mm, 25/60 mm and +60 mm products. In addition, any ferrous metals such as rebar or wire, are easily removed for resale/recycling by the overband magnet on the XJ crusher's discharge conveyor before being fed into the screen. In many applications the 0/25 mm material is generally used for pipe bedding; 25-60 mm directly as road subbase or as feed material for secondary crushing for concrete production, whilst the +60 mm is used as drainage stone. The combined set-up time for this crushing and screening combination is less than 30 min.

Due to the easily transportable and modern nature of the equipment, contrac-



tors and rental fleets have found that the Screencore crusher and screen combination can be readily transported to where the material is. This means that the material can be processed where it originated, and generally where it is needed, resulting in no unnecessary emissions, material handling or transport costs. In addition, the local environment is not subject to unnecessary traffic disturbances and the

overall carbon footprint of the contract is dramatically reduced.

For some operations however, mobility is not essential. This has led Screencore to use its expertise to develop a range of bespoke stationary solutions based around its Orbiter trommel range working alongside Screencore stockpilers and scalpers.

Source: Screencore

Burckhardt Compression Wins Order Expands Service Offering in the Middle East

Burckhardt Compression has won a significant order for Digital Monitoring Services in Saudi Arabia. The order underlines the company's strategy in expanding its digital offerings and will be supported by the opening of a new Service facility in the country.

The delivery of Burckhardt Compression's full-scope solution will be led by the company's local subsidiary in Saudi Arabia. This solution includes state-of-the-art PROGNOST® NT system to upgrade and digitalize a major customer's reciprocating compressor installation in the Middle East. The installation of vibration probes and pressure-volume (PV) monitoring instrumentation will provide the highest level of monitoring precision, surpassing standards applied in previous installations.

A key success factor in securing the order was Burckhardt Compression's ability to rapidly deliver monitoring panels and conduct Factory Acceptance Tests (FAT) locally. In addition, following the acquisition of JSW's intellectual property rights in



2020, Burckhardt Compression's comprehensive understanding of the equipment instilled confidence in the customer regarding the proposed monitoring solutions.

In alignment with regional initiatives to boost local value creation and capacity building, Burckhardt Compression will open a dedicated Service Center in Al Jubail, Saudi Arabia in April 2025 for conducting FAT of the Prognost Panels, en-

hancing its customer service in the Middle East. This strategic investment ensures that specialized operational support is readily available, improves operational efficiency, and positions Burckhardt Compression to capitalize on future business opportunities in the region.

Source: Burckhardt Compression AG

MAN Engines Offers Solutions for Heavy-Duty Construction Machinery and Mining Applications

At this year's bauma, MAN Engines presented its proven 24-l MAN D2862 engine for construction machinery and mining vehicles. This V12 engine exemplifies MAN Engines' decades of expertise in the development of powertrains and their targeted design to meet the requirements of special applications.

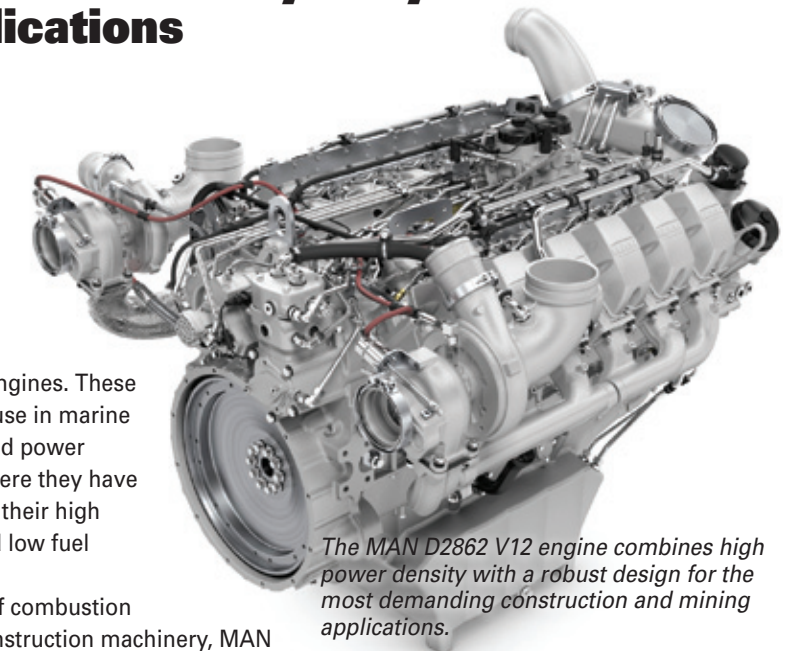
The MAN D2862 is an interesting alternative for applications that require high power density. The V12 engine has already demonstrated its practicality in a wide variety of applications on the water, in the field and on rails. In hundreds of projects, MAN Engines has also proven its engineering experience with the toughest load changes, the most difficult working environments and a full load share in the range of 90%.

To meet the increasing demand for more powerful engines in the construction and mining sectors, driven by the increasing need for more powerful equipment for larger projects and more difficult terrain, MAN Engines will also offer solutions in the displacement range between 20 and

30 l long-term in the future.

The basis for this is the latest generation of robust and at the same time extremely efficient high-performance engines. These are already in use in marine applications and power generation, where they have demonstrated their high practicality and low fuel consumption.

In the field of combustion engines for construction machinery, MAN Engines concentrates on power ranges between 294 and 816 kW (400-1,100 hp), with a displacement of 9 to 30 l. To meet global emission requirements, MAN Engines relies on its tried-and-tested exhaust gas aftertreatment system. Thanks to its modular concept, any installation



The MAN D2862 V12 engine combines high power density with a robust design for the most demanding construction and mining applications.

space can be operated and global emission concepts for almost all exhaust emission standards – from high to low regulated – can be designed for worldwide use.

Source: MAN Truck & Bus

Trimble Announces SMS Equipment As First Trimble Technology Outlet Globally

Trimble® recently announced SMS Equipment, Inc. as the first Trimble Technology Outlet worldwide. SMS will now sell Trimble grade control, site positioning systems and correction services technology directly to their customers using dozers, excavators, compactors and compact machines from trusted brands like Komatsu, BOMAG and Takeuchi.

By adding authorized resellers representing a wide variety of manufacturers to the Trimble distribution channel, it becomes easier for users of all machine types to purchase, install and utilize Trimble technology for improved jobsite productivity and profitability.

SMS Equipment is dedicated to collaborating with customers by providing best-in-class technology support as a one-stop shop for construction technology solutions. With over 40 locations across Canada and Alaska, and as one of the largest Komatsu dealers globally, SMS



Equipment ensures customers have the right technology for their operations.

Trimble's grade control systems integrate sensors, software and automation features to empower operators to work more productively. From the precise positioning of buckets, and other implementations, to the optimization of equipment usage, Trimble technology helps improve accuracy and safety while reducing equip-

ment wear-and-tear and fuel consumption.

Trimble solutions for Komatsu, BOMAG and Takeuchi excavators, dozers and compactors are available now through many SMS Equipment locations throughout Western Canada.

Source: Trimble

Caterpillar Updates its Cold Planers

Offering milling widths from 2 to 2.5 m, the Cat® PM600 and PM800 cold planer series deliver high-production and efficient performance with the milling precision contractors need to stay competitive. As part of Caterpillar's annual product update program, the latest PM620, PM622, PM820, PM822 and PM825 models provide multiple operator comfort, efficiency and equipment management upgrades compared to their previous models.

The operator's workstation is designed for all-day comfort. The center console displays now telescope to bring the touchscreens within easy reach of the operator. Additionally, the displays fold for secure and convenient storage.

Available as an option, an adjustable operator control console slides sideways and rotates to further help boost efficiency and reduce fatigue. A new pedestal seat option allows operators to rest their legs and feet while running the machine. It is designed to quickly and easily retract out of the way when not in use.

The updated machines feature a ladder and gate design that offers unimpeded ascent/descent from the operator platform, and the updated retractable right-side handrail helps to further simplify maneuverability around obstacles. To enhance the operator's sight lines to the front tracks, the new design incorporates flush-mounted front ground control panels.

Engineered to maximize torque transfer, the PM600 and PM800 series rotor drive system features a heavy-duty dry clutch, automatic belt tensioning system and two high-tensile belts to drive the rotor. A redesigned anti-slab plow delivers improved operation and reduced wear compared to the previous design. Additionally, design upgrades to the anti-slab-to-conveyor sealing help to contain more material to improve milling efficiency and reduce



cleanup.

The cold planers' ground displays now feature a robust mounting system that also enables the ground crew to change mounting locations and store the displays without removing any clamps or electrical connectors. Two rear keypads include



controls for leg height, water spray, side plates, moldboard, rear door and steering, while the flush-mount front keypads offer controls for the conveyor, side plates, anti-slab, high pressure washdown, water spray, inboard ski and fuel fill pump.

Available as part of the optional enhanced lighting package, the addition of high-visibility, color LED lightbars replace traditional water level tubes and floats, helping crews easily identify water tank levels day or night and from much farther distances. The touchscreen displays automatically change to night mode when working lights are activated to help improve visibility.

The PM600 and PM800 cold planers series now come standard with Cat Remote

Services technology to help improve machine diagnostics and operating efficiency when within cell range coverage. Remote Troubleshoot allows the Cat dealer to perform diagnostic testing on the connected machine, enabling the technician to pinpoint issues while the mill is operating, so they arrive with the correct parts and tools the first time. Remote Flash enables contractors to update onboard software without the need for a technician, so updates can be initiated at a convenient time without interrupting production.

Optional productivity features of VisionLink®, now available with a VisionLink PerformancePro subscription, help contractors measure, monitor and manage the cold planers to maximize productivity on or off the jobsite. Critical, actionable machine operating data, such as wait time for trucks, time spent cutting and maneuvering around the jobsite, as well as distances cut, fuel burned, and detailed cycle location mapping, is transmitted from the jobsite to the VisionLink web platform for users to access anywhere an internet connection is available. The Cat Inspect mobile application tool enables operators and technicians to quickly perform digital preventative maintenance checks, inspections and daily walkarounds.

Caterpillar began manufacturing cold planers in 1992 with the introduction of the PM-565, which boasted features such as non-contact grade sensors, microprocessor control for propel response and self-diagnostic computer monitoring. Today, Caterpillar manufactures eight cold planer models in Minerbio, Italy.

Source: Caterpillar

More to come in upcoming issues!

May	public works and pavement maintenance... deadline April 30	December/January	concrete and demolition... deadline November 30
June/July	mechanical components, engines and undercarriages..... deadline May 30	February	a foretaste of spring events deadline January 15
August	snow removal equipment, winter maintenance deadline July 15	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	public works, road maintenance... deadline March 20
October	waste collection, reclamation and recycling... deadline September 25		
November	landscaping and compact equipment... deadline October 30		

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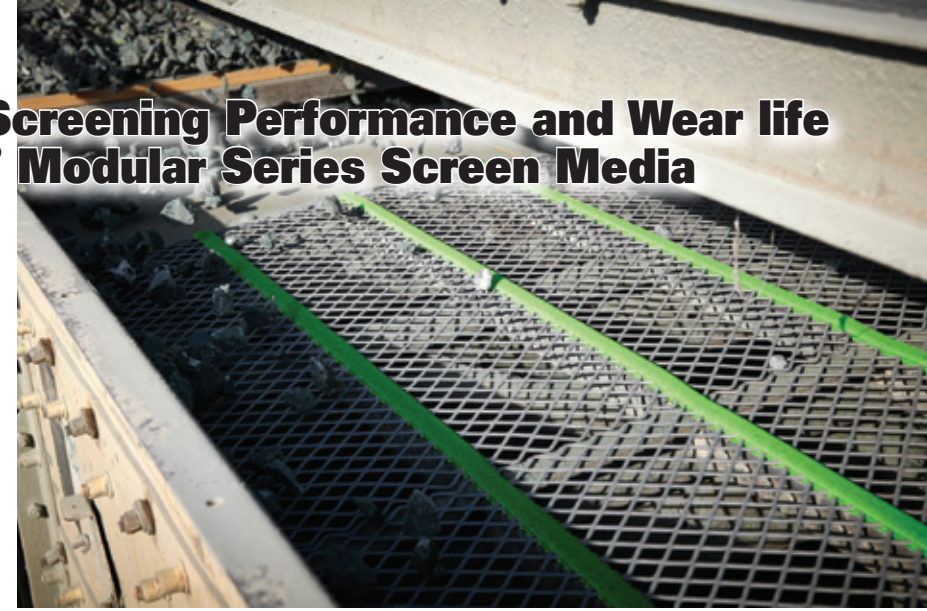
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MAJOR Heightens Screening Performance and Wear life with the FLEX-MAT® Modular Series Screen Media

MAJOR offers the FLEX-MAT Modular Series. The advanced screen media includes all the benefits of FLEX-MAT — high open area, efficient stratification, no blinding or pegging — combined with a new and improved wear life comparable to polyurethane screen media. FLEX-MAT Modular is specially designed to withstand harsh screening conditions with the most abrasive materials, such as granite and basalt.

“We’re always looking at ways to help producers get the best end product. What better way than to optimize the design of our efficient FLEX-MAT product for even better performance,” said Bernard Betts, president of MAJOR. “The FLEX-MAT Modular Series is just that. A proven,



reliable solution to achieve heightened screening performance and improve the bottom line.”

The efficiency-enhancing characteristics of all FLEX-MAT screen media, including

the modular series, are created by bonding OPTIMUMWIRE® — the industry’s longest-lasting wire — with distinctive lime-green polyurethane strips rather than weaving them. This allows wires to vibrate independently from end to end under material contact. The high frequency of the wires — 8,000 to 10,000 cycles per minute — adds to the vibration of the screen box — 800 to 900 cycles per minute — to speed up material separation and passing. The increased screening action improves material throughput while virtually eliminating near-size pegging on the top decks and fine material blinding and clogging on the bottom decks, resulting in a lower cost of production per ton. Additionally, the media offers up to five times longer wear life than traditional woven wire and produces a cleaner retained product.

Like our traditional FLEX-MAT panels, the Modular series is available in a variety of patterns, including the D, S and T series. The D series features a standard square pattern, which is ideal for precise sizing. The S series maximizes open area, virtually eliminates blinding, and reduces fine contamination. The T series enhances screening for particles below 1.5 mm and features small openings to minimize blinding. The screen media is secured through either grooved, step, or pin and leg panels.

FLEX-MAT Modular screen media panels are available in either the patented OPTIMUMWIRE or 304 stainless steel wire. In addition to modular panels, MAJOR’s signature FLEX-MAT Modular media is available in tensioned sections for use on crown decks.

Source: MAJOR, a Haver & Boecker company

Volvo Launches New and Upgraded Machines for the Compaction Market

Volvo Construction Equipment is enhancing its soil and asphalt compaction product lines with upgrades to multiple models and a forthcoming electric model. The latest machines were on display at the World of Asphalt/AGG1 held March 25-27, 2025, in St. Louis, Missouri.

Updates to the SD75 and SD45 soil compactors and the PT125 pneumatic tire roller include features that enhance safety, serviceability and the user interface for operators. Show attendees also got the first look at a DD15 Electric asphalt compactor.

At a press conference, Scott Young, president of Region North America, said that the upgrades demonstrate Volvo’s ongoing commitment to offering a diverse product range for those in the aggregates and roadbuilding industries.

“We’ve been designing, refining and manufacturing compactors in Shippensburg for decades,” said Mr. Young. “So we understand what helps contractors get their jobs done right, as safely and efficiently as possible. These machines are a testament to that.”

UPDATES IMPROVE SAFETY, SERVICEABILITY

The SD45, SD75 and PT125 are now equipped for over-the-air software updates as they become available, and their wiring design has been optimized for commonality, cost-effectiveness and ease of service.

To maximize uptime, Volvo doubled the diesel particulate filter (DPF) replacement intervals on these machines from 3,000 to 6,000 h.

LED work lights and beacons replace halogen lights, and telematics systems now include GSM/GPS and SATCOM antennas for optimized machine connectivity.

Operators will appreciate several human-machine interface (HMI) upgrades,

including all-new software, advanced keypads, a USB charging port and a 5-inch full-color LCD display — the same display available on the Volvo compact double drum compactor and excavator models. Additional HMI improvements include auto idle and auto engine shut-down to reduce fuel consumption, and an indicator for remaining hours of fuel.

The HMI on the updated SD75 now includes a fan reverse menu selection and an optional



drive motor with an integrated speed sensor for optimal performance.

ELECTRIC MODEL WILL REDUCE EMISSIONS ON SMALL JOBS

The 1.5-t DD15 Electric asphalt compactor is a double drum machine with features similar to the 2.5-t DD25 Electric. Its size fits small-scale jobs like parking lots, driveways and municipal work.

The DD15 Electric can fully charge in 3.5 h with a 240-V Level 2 charging setup or in 12 h with a 120-V Level 1 outlet. Customers will get a few days of work from the compactor with typical light usage, especially considering that electric machines don’t accumulate idle hours like diesel machines do.

The Volvo DD128 with Ultra-Pac drum technology and DD110 (both double-drum asphalt compactors) were displayed in at World of Asphalt/AGG1, alongside the upgraded SD45, SD75 and PT125 and the DD15 Electric. Three machines will also feature Volvo’s productivity-enhancing intelligent compaction technology, Compact Assist. The event also marked the North American show debut of the recently launched SD125 soil compactor and A50 articulated hauler.

Source: Volvo Construction Equipment

Masaba Low-Profile Truck Unloaders



With the costs of transport and handling on the rise, any time a producer can reduce rehandling of aggregate material, the savings will add up. Truck unloading systems can help eliminate material rehandling and traffic congestion, and in turn, they will help to minimize fuel costs, improve cycle times, and increase worker safety. Low-Profile, Drive-Over Truck Unloaders, from Vermillion, South Dakota-based Masaba Inc., allow quick unloading of material from belly- or end-dump trucks in a matter of minutes, without the need for the truck or a loader to drive onto or even approach the stockpile.

Available in portable or stationary models, with 1.2 m or 1.8 m discharge conveyors, Masaba Truck Unloaders feature heavy-duty steel frames that hold up under the harshest conditions. Self-cleaning onboard hydraulic ramps allow for fast, easy setup onsite, eliminating the need for earthen ramps. Hydraulically adjustable discharge conveyors feature an AR-lined discharge hood, making them ideal for feeding stackers, telescoping conveyors, or other equipment in the operation.

Masaba stands behind all of its equipment with a five-year structural and two-year component warranty, and is committed to providing its customers with the best products and product support available in the market today.

Source: MASABA Inc.



five-frequency selection feature that allows the operator to select by surface type rather than frequency number.

The upgraded PT125 also has a new

BOMAG Americas' World of Asphalt Exhibit Highlighted New Equipment, Time-Saving Compaction Technology

BOMAG Americas' exhibit at the World of Asphalt, held March 25-27, 2025, in St. Louis, Missouri, included multiple product launches and compaction technology features that save asphalt contractors time and money on projects. World of Asphalt attendees were the first to get a preview of a new 8" paver that is nimble enough for commercial paving projects yet powerful enough to deliver highway-class performance. The exhibit also featured a new asphalt distributor, enabling BOMAG dealers to build deeper relationships with asphalt contractors and be more of a single-source supplier. Helping to improve compaction performance, a range of technologies were also featured on the company's rollers.

The new BOMAG CR 820 T-2 rubber track paver. This 2.4-m paver features a large 9.1 t hopper capacity for more time paving between truck exchanges, a 173-hp (129 kW) diesel engine that delivers ample power in reserve to push fully loaded

trucks up steep grades and a design to help improve visibility. A new operating system for each console provides easy viewing of critical operating functions, gauges, parameters and fault messages for quick troubleshooting at the jobsite to improve serviceability and paver uptime. Equipped with the field-proven Stretch 16 hydraulically extendable screed, the BOMAG CR 820 T-2 paver offers infinitely variable paving widths from 2.4-4.9 m.

New to the BOMAG line offering, the BOMAG BD 2000 asphalt distributor on display featured an automatic burner for efficient heating and intuitive computer-controlled distribution for exceptional accuracy and comfortable, one-person operation. The BD 2000 integrates a 7,570-l insulated tank, and its hydraulically extending/ retracting spray bar features flat nozzles spaced every 102 mm for optimum spray coverage across its 4.8 m maximum width. The flexible distributor boasts a

main, 2.3-m bar that extends hydraulically up to 1.2 m on either side to offer infinitely variable spray widths from 2.3 to 4.8 m.

The exhibited BOMAG BW 138 AD-5 tandem vibratory roller is the perfect all-round roller for paving contractors and municipalities. The 1,380-mm wide roller now features standard the intuitive ECONOMIZER compaction measurement system. ECONOMIZER alerts the operator to compaction progress of the soil or asphalt material being compacted, reducing passes and saving time and money. The system requires no calibration to reliably deliver real-time compaction progress. As the degree of compaction increases, more LED lights on the ECONOMIZER light strip illuminate and indicate when optimum compaction is achieved. It also warns of potential over-compaction to prevent aggregate fracturing as well as allows for identification of "soft" spots in the material.

BOMAG's BW 191 AD-5 AM with ROPS roll-over protection on display boasts the company's exclusive ASPHALT MANAGER compaction system with infinitely variable amplitude of the front drum. The system enables operators of all skill levels to achieve target compaction every time. The operator needs only to set the layer thickness, and ASPHALT MANAGER does the rest. The vectoring drum changes vibration from true vertical to true horizontal as asphalt stiffness increases to avoid over- and under-compaction and saves time, fuel and wear on the machine.

The BOMAG World of Asphalt display also included a host of other equipment models to fill virtually any asphalt contractor's needs.

They include:

- BOMAG CR 1030 T-2 highway class paver with VERSA 20 front-mount screed
- BM 2200/65 cold planer 2-meter class mill
- BM1200/35-2 cold planer with maximum



- 13-in (330.2-mm) milling depth
 - BW 28 RH pneumatic tire roller with large ballast compartment
 - BW 120 AD e-5 Electric light tandem roller with electric drive
- As the worldwide compaction and roadbuilding experts for soil and asphalt applications, BOMAG has a staff of 2,500 employees to support its global dealer network of more than 400 dealers. A

broad range of product segments consist of asphalt pavers and milling machines, reclaimer/stabilizers, single drum and tandem vibratory rollers, pneumatic tired rollers, landfill refuse compactors and a full range of light compaction equipment resulting in BOMAG sales revenue of US\$1.1 billion (\$1.58 billion) in 2023.

Source: BOMAG

Promoting the safe and effective use of powered access worldwide

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SAFETY STARTS WITH YOU

Since IPAF began analyzing accident data in 2012, falls from the platform have been the most common cause of injury and death when using mobile elevating work platforms (MEWPs).

From 2012 to 2022, there were 239 reports of falls from the platform in 20 countries, resulting in 132 deaths.

IPAF's Don't Fall For It! safety campaign identifies key causes of falls from the platform, and provides advice about how to avoid associated hazards.

www.ipaf.org/safe

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Optimizing Asphalt and Concrete Equipment with SUCO Pressure Switches



Pressure switches play a vital role in the performance, safety, and efficiency of asphalt and concrete machinery. SUCO pressure switches and pressure sensors monitor and control the pressure levels within critical systems, including air pressure in pneumatic systems and hydraulic pressure in pumps.

Pressure switches help prevent accidents caused by excessive pressure, such as leaks or explosions, ensuring a safe operating environment.

By maintaining proper pressure levels, pressure switches optimize equipment performance, reducing energy consumption and minimizing wear and tear. This leads to fewer breakdowns and higher overall efficiency.

Pressure switches can detect pressure fluctuations that may lead to premature equipment failure, helping to avoid costly repairs and extend the life of machinery.

Incorporating SUCO pressure switches into asphalt and concrete equipment ensures that machinery operates at peak efficiency while enhancing safety and reducing maintenance costs.

Source: SUCO ESI North America

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ABB Showcases Motor Solutions for the Aggregate Industry at World of Asphalt/AGG1

ABB showcased its advanced motor solutions for the aggregate industry at the World of Asphalt/AGG1 Expo, held from March 25-27 in St. Louis, Missouri.

At their booth, ABB featured motor solutions from multiple lines within their portfolio. Prominently highlighted was the ECR580 series of Crusher Duty motors. This product combines the best of IEC features into a high-horsepower, high-torque, low voltage, NEMA-dimensioned package. IP66 enclosure is standard to protect against the dust and water inherent to aggregate environments. Additional engineering was dedicated to mitigating vibration and withstanding shockloads. This unique approach, along with the extensive network of ABB District Offices throughout North America, allows operators to quickly source rugged and reliable drop-in replacements when needed to bring a plant back on-line.

Baldor-Reliance branded Crusher Duty

motors were also featured heavily in the ABB booth, showcasing the company's long-standing legacy within the aggregate industry and their commitment to manufacturing in the United States.

ABB NEMA's line of DP200 Crush+ motors were another highlight. These motors exceed demands for reliability and safety in the harshest environments, raising the standard for motors used in crushers and other quarry, mining, and aggregate applications. Engineered with the user in mind, Crush+ delivers high starting and breakdown torque alongside unmatched flexibility and design modularity. Built upon the proven SD200 motor platform, its rugged and reliable design optimizes performance, efficiency, and total cost of ownership (TCO).

Energy efficiency was a hot topic throughout the expo, with companies



looking to reduce CO2 emissions through conversion from diesel to electric power or by improving the efficiency of existing motors. This can significantly impact the bottom line, considering the upfront purchase price of a motor is generally only about 2% of its lifetime operating cost. The vast majority of the TCO comes from the energy used to run the motor. With

higher efficiency IE3 and IE4 motors, such as the ECR580 and the SP4 from Baldor-Reliance, the opportunity to reduce power consumption can often result in a shortened payback time.

SP4 motors are now available with Severe Duty enclosures to withstand the rigors of aggregate applications. The development of the new cast-iron totally enclosed fan cooled (TEFC) severe duty motor marks the second phase of ABB's SP4 technology launch. This model is uniquely designed for applications in hazardous areas with explosive gases and combustible dust. ABB previously introduced two different models with SP4 technology: rolled steel open drip proof and totally enclosed fan cooled motors. The SP4 product line builds on the simplicity of ABB's proven AC induction motors. These motors are compatible with



pumps, fans, compressors and conveyors and are ideal for all industries. The new cast-iron motors cover a power range of 25 to 300 horsepower, and the rolled steel models, which were launched earlier, are available in ¼ to 20 hp.

ABB is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future.



The company's solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered, and operated. Building on more than 140 years of excellence, ABB's more than 105,000 employees are committed to driving innovations that accelerate industrial transformation.

Source: ABB

Digitalization Fuels a New Leap in Usability & Efficiency in Material Processing

"Ready for a new experience?" Rubble Master has refined its RM NEXT Philosophy further, making material processing easier than ever using new digital tools for operators. With fixed aggregate prices and crushing rates, you must find profits in your cost structure. That's why Rubble Master provides additional assistance systems, enabling operators to maximize the equipment's potential.

Businesses face increasing complexity, making it challenging to find skilled individuals who can effectively manage these challenges. From addressing rising emissions standards to decarbonization, digitalization in the construction industry, regulatory compliance, and ensuring health and safety, the demands are growing. Manufacturers must find technical solutions to address the problems, which in turn makes the machines more complex.

The RM NEXT Philosophy is Rubble Master's design approach to reducing complexity in material processing through unparalleled usability and efficiency.

This makes operators more productive and focuses on what matters most—feeding the machine.

Good operators are key to any productive mobile crushing operation. If an operator and a machine are not working in synch, production will be lost. RM NEXT crusher models provide operators with more visual feedback and real-time insights through a 12" ultra-bright touchscreen display, and the RM XSMART app that connects directly to the machine on the job site.

Less experienced operators will appreciate the new Setup Advisor, which helps you find the initial suggested settings for



your crusher (such as closed-side setting) based on your application. Without pointers in the right direction, operators must consult more experienced people or flick through endless manual pages. This feature helps operators be more independent and avoid costly lessons.

It takes more to be a crusher operator. With many moving parts and limited man-

power on-site, it's challenging to maintain an overview of what's happening. That's why Rubble Master offers an optional camera system paired with a heavy-duty tablet to monitor the feeder and crusher inlet, screen deck, and rear of the machine from your cabin or from the display to improve the operator's situational awareness.

The performance indicator provides operators with direct visual feedback on the machine's utilization, enabling them to intuitively adjust the feed rate and feeder speed to the optimal sweet spot. This improves production and ensures you get the most out of your machine.

Everyone knows that when your machine is down, your crew is down, and you're losing money. You waste valuable time and production if you don't know where to start working toward a solution. The new display enables you to troubleshoot issues more quickly through a troubleshooting guide for common errors, providing clear next steps and directing you in the right direction.



Operators also enjoy advanced diagnostics and the ability to read error codes. You can even view schematics and manuals in the field. This helps you be more proactive about finding a solution, reducing the number of phone calls needed to overcome an obstacle, and resuming crushing faster.

The new digital features will first be available with the newly launched RM 90X and RM 100X mobile impact crusher

models. Both evolved from the previous best-sellers, RM 90GO! and RM 100GO!, and offer more digital assistance systems, as well as further usability and performance improvements.

The new models and digital tools will be available in North America in the third quarter of 2025 through Rubble Master's North American dealer network.

Source: Rubble Master

Insights Into Human Machine Interface in the off-Highway Sector at Systems & Components 2025

As part of Agritechnica – the world’s leading trade fair for agricultural machinery – to be held from November 9-15, 2025 in Hanover, Germany, Systems & Components will focus on Connectivity and automation in the off-highway sector.

Increasing connectivity and automation in the off-highway sector enhance the interaction between man and machine: the “ideal” human-machine interface (HMI) supports the driver, providing the right information at the right time. Camera and radar systems facilitate all-round visibility and can contribute to increasing safety. Augmented reality (XR) is also finding its way into assistance systems and HMI solutions for mobile machinery.

“Mobile machinery must be able to work reliably in a harsh and constantly changing environment. The machinery performs tasks that demands the operator’s undivided attention,” said Petra Kaiser from the DLG (German Agricultural Society),

organizer of Systems & Components.

Autonomous functions are therefore an enhanced support for operators. These functions reduce work load, while at the same time the machine operator retains control. This year’s guiding theme of the event is “Touch Smart Efficiency” which reflects the importance of inspecting technologies close-up.

The wide variety of different machines in the agricultural and construction industries leads to a high demand for modular and flexible solutions.

The system architecture of a mobile machine in the future will be required to process more and more data from an increasing number of sensors. Ideally, this information should be presented to the operator in an intuitive way. Smart and effective HMI technologies are essential for this. They keep the driver informed of the current situation during operation.

The aim is for the vehicle to help the

driver understand a given situation while enhancing safety and providing all the necessary information but without overloading the operator. At Systems & Components, numerous HMI solutions will focus on the continuous feedback on important operating data such as speed, fuel consumption, crop yield and machine status. This makes it possible to make informed decisions in the cockpit and work more efficiently.

Mobile machines are increasingly being controlled remotely. In these cases, it is a particular challenge for human operators to maintain an overview of the machine and its surroundings. The latest developments therefore focus on extended reality (XR) technologies. The digital extension of the human sensory organs is intended to take interaction with the machine to a new level.

The integration of XR technologies into HMI products is the next step towards creating smarter, more reliable off-highway

machines,” added Christiana Seethaler, vice president Product Development at TTCControl. “XR technologies show the machine status in the driver’s immediate field of vision, haptic feedback can send tangible signals, for example via a joystick. In addition, acoustic signals draw attention to dangers.

Strong environmental sensor technologies not only provide an important building block for the automation of mobile machinery – they also could make a significant contribution to safety. Consequently, solutions for accident prevention are a key focus of Systems & Components. The technology suppliers are confronted with hugely different environmental conditions. Strong contrasts, backlighting and twilight pose major challenges for camera systems. This is one reason why several sensor systems such as LiDAR, ultrasound or radar are used in combination with RGB or infrared cameras. The process of combin-



ing sensor data coming from disparate sources is known as sensor fusion. The application increases the reliability of the resulting commands of the assistance systems. This can allow work cycles to be carried more effectively and more safely, which ultimately saves time and costs.

Haptic collision warning is just one example of how modular assistance systems can contribute to enhancing safety

in the working environment. While this type of information is still predominantly provided by the cameras and sensors that are mounted on the machine itself, in future data generated by the environment, for example by other vehicles, robots and drones, could be combined into an intuitive situational picture for the operator.

Source: DLG

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Soilmec at bauma 2025

At bauma 2025, Soilmec returned to the core of its business, focusing on products and human relationships. Soilmec's 375 m²-stand, characterized by a large open space where Italian gastronomy



could be enjoyed, and products and technologies can be discussed.

Soilmec showcased 3 main product

lines: SC, SR, and SM, while the "controls" area featured Innovation and technology offering the possibility to try the SR machine simulator and the latest DMS

developments.

The SC range was represented at the fair by the SC-130 HD in Dynamic Compaction configuration. This machine can be equipped with large buckets and hydromills, available in both Tiger and Cougar versions.

The Soilmec micro-pile machine line was

represented at the fair by 3 models that offer excellent performance in all major micropile, tie rod, and soil consolidation



technologies, thanks to their versatility and wide range of positions.

The SR line, the flagship of Soilmec, with multifunctional hydraulic drilling rigs capable of performing all major large-diameter pile and deep Soil Mixing technologies was represented by 2 of the most appreciated Blue Tech line models in

recent years: the SR-95 and the SR-65.

In the Controls area, visitors were able to discover and experience the latest innovations of the DMS Suite:

DME is the Soilmec SR machine simulator. Users can practice numerous exercises on drilled pile technologies with Kelly bar and CFA, and a 3D viewer for loading and unloading operations from trucks with remote control. The software is installed in a real cabin and has been developed for operator training, allowing them to familiarize themselves with the controls and learn the maneuvers and excavation sequences in complete safety.

J-Eye Cameras with Artificial Intelligence for person detection, an advanced video surveillance system of the area around the machine for increased safety on site. The system is integrated with the DMS On Board, allowing for optimal control.

Smart Maintenance, a new solution with sensors for monitoring the health status of components, and the presentation of



an innovative Artificial Intelligence system for machine supervision. This solution allows for early detection of any abnormal working conditions, enabling the customer to schedule maintenance activities in advance.

visitors had the opportunity to discover the numerous and proven drilling support automations of the DMS On Board, such as Autodrilling and automatic cycles in vari-

ous technologies, the latest news on DMS Manager and DMS PC, such as the ability to manage user accounts independently, better organize the fleet by grouping machines and users, or advanced features for integrating machine data with the customer's management system.

Source: Soilmec S.p.A.

We're getting ready for our Annual **Compact Equipment Issue** that will be published in November.

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Bauer's Dive Drill Method Nominated for bauma Innovation Award 2025

Securing the energy supply, protecting the oceans: With the innovative Dive Drill method, Bauer is setting new standards in the construction of offshore foundations. Whether in stormy seas or hard rock, thanks to this ultramodern method and a drilling rig developed in-house, offshore wind parks can be built safely and sustainably even under extreme conditions. The secret? Efficiency, precision and a clear focus on environmental protection.



Securely anchored in the ocean Whether in soft sediments or the hardest rock with a compressive strength of up to 200 MPa, the Dive Drill method can be used in a wide range of ground conditions. This makes it an ideal choice for anchoring stationary and floating offshore wind turbines or tidal turbines: a secure way of anchoring the renewable energy of the future.

This drilling rig specially developed by

Bauer is controlled from a vessel. Thanks to low-vibration drilling, the impacts on the sensitive ecosystem are minimal – operating noise is scarcely perceptible even in the immediate vicinity of the drilling

location. An additional environmental benefit: Biodegradable fluids are used in the hydraulic circuit. Temporary casings stabilize the borehole while the drilling tool crushes the material and carries it away as

a pumpable slurry.

Efficiency on the high seas

The Dive Drill concept stands for maximum efficiency and economy. Multiple drilling rigs can work in parallel, which significantly accelerates the completion of a foundation – and less time means reduced costs. The technology has already proven successful: Off the coast of France, Bauer successfully installed 190 piles with a load-bearing capacity of up to 20,000 kN at water depths of up to 40 m for an offshore wind park.

Even when it comes to the energy supply for drilling rigs, Bauer is opening up new avenues: Electrohydraulic drives ensure maximum efficiency with minimum energy consumption and can be used flexibly on stationary or floating platforms. One highlight: To prepare the cement slurry for grouting the foundation elements, seawater was used instead of freshwater, which achieved another con-

siderable reduction in logistics expenditure and made the method even more sustainable. A perfectly coordinated tool to assist the process: the ultramodern batch mixing plants from Bauer Maschinen subsidiary BAUER MAT Slurry Handling Systems.

By land and by sea

For more than 50 years now, BAUER Maschinen GmbH has been developing precision equipment for specialist foundation engineering. Technologies that have proven successful onshore (e.g. Kelly drilling or cutting) are now used on the high seas as well. The Dive Drill is an impressive example of how the principles of onshore drilling technology can be successfully transferred to offshore activities.

Towards a sustainable future

With the Dive Drill method, Bauer is opening up new horizons in the offshore area. Apart from classical foundation work and mining projects, the method is also suitable for the exploration of natural



resources. It combines state-of-the-art technology with expertise obtained over the course of many decades and sets new standards for efficiency and eco-friendliness. It is a key tool for the future of offshore renewable energies and offers customer-fit solutions for the growing requirements of the global energy sector.

"Our expertise in specialist foundation engineering combined with innovative

technologies enables us to implement offshore projects efficiently and sustainably," explained Harald Heinzelmann, managing director (COO) of Bauer Spezialtiefbau. "With our Dive Drill method, we create the basis for a groundbreaking use of renewable energies – safe, precise and resource-efficient."

Source: Bauer AG



Hyster Hydrogen Fuel Cell-Powered ReachStacker Recognized in 2025 BIG Innovation Awards

Hyster's hydrogen fuel cell-powered (HFC) ReachStacker was recognized as a transformative product in Business Intelligence Group's 2025 BIG Innovation Awards. The Hyster® HFC ReachStacker is currently functioning as part of a pilot program at the Port of Valencia, Spain – the first ReachStacker application in Europe using HFC technologies for container handling equipment in real operating conditions. Since 2011, Business Intelligence Group has recognized trailblazing individuals, companies and products across industries that are revolutionizing the world with bold innovation.



The HFC-powered ReachStacker is an innovative, zero-emission solution that uses a hydrogen fuel cell engine to convert hydrogen into electricity. This alternative to traditional internal combustion engine-powered (ICE) equipment represents a step forward in enabling the decarbonization of ports. It offers reduced greenhouse gas emissions, noise pollution and operating costs compared to conventional ICE-

powered container handlers.

Terminals have traditionally relied on diesel power for their fleets of vehicles, cranes and container handlers as they are required to carry heavy loads continuously with minimal downtime. But electric alternatives that produce zero tailpipe emissions are gaining traction for container handling applications. The HFC-powered

ReachStacker can lift laden containers with similar performance to a diesel counterpart and handle intense duty cycles with long run times. Hydrogen is stored on board the ReachStacker in high-pressure tanks which can be refilled in 10-15 min and provide enough energy for up to 10 h of continuous runtime.

Source: Hyster

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Are You Counting the Cost of Corrosion?

Ana Juraga, Public Relations manager,
Cortec® Corporation
Special Collaboration

able measures to avoid it.

WHY COUNT THE COST OF CORROSION?

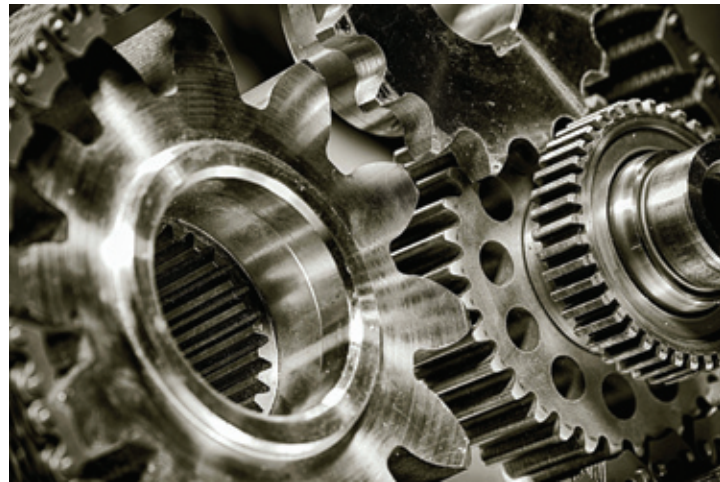
Failure to count the cost of corrosion may leave manufacturers and facility managers blindsided by consequences such as faulty equipment, delayed production, and customer rust claims that must be made right. Furthermore,

without counting the cost, managers may have difficulty getting the approval needed to budget time and money for corrosion prevention. Counting the cost of corrosion helps achieve both the motivation and approval needed to take corrosion protection measures.

IDENTIFYING CORROSION COSTS IN MANUFACTURING

Manufacturers who work with metal must beware of corrosion risks at every

stage: receipt of goods, work-in-progress (WIP cycle), and export. Manufacturers can hope that suppliers will make good on any



raw materials that arrive rusty on site, but they cannot make up for production delays or time lost negotiating the rust claim. In the WIP cycle, manufacturers lose time and sometimes metal when parts rust in between manufacturing stages and must be restored or scrapped. Export is even more dangerous. Unpredictable, fluctuating conditions inside a truck or shipping container may lead to corrosion from condensation by the time the customer receives the good. This is perhaps the costliest corro-

sion stage of all, as the manufacturer must remedy the damage done.

An example of how significant corrosion costs can be for manufacturers is apparent when calculating the price tag of a 1.5% economic loss due to corrosion at a hypothetical steel mill operating 24/7 and producing 100 ten-ton coils per shift, three shifts per day at a nominal material and manufacturing cost of \$300 per ton. In only one week, corrosion losses could be near 100 grand. At a fraction of the cost, manufacturers could avoid most of this loss by implementing Cortec® VpCI® protective technologies and also avoiding the time lost for rework.

IDENTIFYING CORROSION COSTS ON GREENFIELD PROJECTS

New oil and gas facilities or other large-scale energy projects often take years to build. Meanwhile, custom assets shipped from afar may sit one or two years before being installed. With inadequate protection, the component may be rusty and unsafe by commissioning time. Replacement could not only cost tens of thousands

HYPOTHETICAL STEEL MILL COST OF CORROSION AT 1.5% LOSS

Per Shift	\$4,500
Per Day	\$13,500
Per Week	\$94,500
Per Month	\$410,625
Per Year	\$4,927,500

of dollars, but the time and distance required to make and deliver a new part could significantly delay the opening of the project. In contrast, internal protection with



CorroLogic® VpCI®-339 Fogging Fluid and external protection with MilCorr® VpCI® Shrink Film could easily save not only the cost of the equipment but also the cost of the production otherwise lost by a delayed startup.

IDENTIFYING CORROSION COSTS ON SPARES

The energy industry and other industrial plants also need critical and operational spares that can be installed quickly and efficiently if a main component fails or needs repair. Unfortunately, it is not uncommon for large warehouses to be full of rusty spares that are in no condition to use at a moment's notice. Even though some of these individual pieces may not cost much, the

total cost of corrosion from lacking a clean spare can quickly add up to millions of dollars of lost production value from downtime, along with the cost of restoration and the intangible cost of safety issues that could arise from installing a faulty component. In contrast, a Cortec® restoration and preservation plan eliminates most of these costs and headaches with solutions that are easy to apply and remove.

IT'S TIME TO CALCULATE YOUR ROI!

Whether the calculation is done on paper or estimated mentally, counting the cost of corrosion gives a better picture of the importance of corrosion protection, allowing decision-makers to see the value of making a small relative investment in rust prevention to protect their bottom line.

Safe Weighing Despite Storms and Earthquakes

How can a production plant that relies on weighing technology carry out its processes accurately and safely when sudden lateral forces such as gusts of wind, vibrations or seismic activity subject tanks and vessels to great stress? This question arises for many production managers who are confronted with the particular challenges of such environments.

In many regions of the world, managing a production plant is like a constant balancing act: in addition to the everyday challenges of production, production

managers have to keep an eye on the risks posed by possible lateral force influences in weighing applications. Storms, vibrations or earthquakes can occur suddenly and expose tanks, silos or other containers to large lateral and transverse forces. Conventional weighing solutions quickly reach their limits here: decreasing measurement accuracy, increasing safety risks and unreliable data impair the entire production process. In addition, constructive approaches often prove to be oversized and expensive. To meet these challenges,

Minebea Intec has developed the weighing module Novego®. With its integrated 360° guide arm, it offers a solution that removes concerns of production managers by minimising measurement errors even under extreme lateral and side forces and significantly reducing the risk of damage to weighing components. At the same time, it ensures precise measurements that make production processes safe and efficient - with minimal planning effort thanks to sophisticated adapter options that do not require an external mounting kit.

The Novego weighing module® is specially designed for use in demanding environments such as earthquake-prone areas. Its innovative design makes it particularly resistant to lateral forces that occur during seismic movements. The module has an integrated self-centring function, which ensures that the load cell automatically returns to its original position after displacement. This ensures that the measuring accuracy is maintained even under extreme conditions.

Moreover, the weighing module is

made of high-quality, corrosion-resistant materials that meet the requirements of the Food, Chemical and Pharmaceutical industries. With a maximum capacity of up to 2,000 kg and a protection class of up to IP69, Novego® offers a perfect combination of load capacity and hygiene. The IP69 protection rating ensures that the module is completely resistant to the ingress of dust and water, even during intensive cleaning with high-pressure or steam jets. This makes it ideal for use in demanding production environments where reliability

and durability are crucial. The module is also easy to install and can be used without additional mechanical components such as self-aligning bearings or cross-load compensators, which significantly reduces installation costs and time.

Minebea Intec is part of the MinebeaMitsumi Group, a supplier of high-precision production parts and high-quality electronic components

Source: Minebea Intec

Powerful Drivelines for Graders

For more than 60 years, Neunkirchener Achsenfabrik AG (NAF) located in Neunkirchen, Germany, has been engineering and producing high performance drivelines working in the toughest ground and climatic conditions worldwide.

NAF's drive solutions are modelled for their special use and application. The tough conditions in mining operations need a strong and reliable drive solution to keep productivity on the highest level for the operator. The casted design in combination with gear drive guarantee a high lifetime and less maintenance over years.

NAF enlarged the range of bogie axles for construction machines and offers a superior and cost efficient "Made in Germany" drive solution especially for motorgraders.

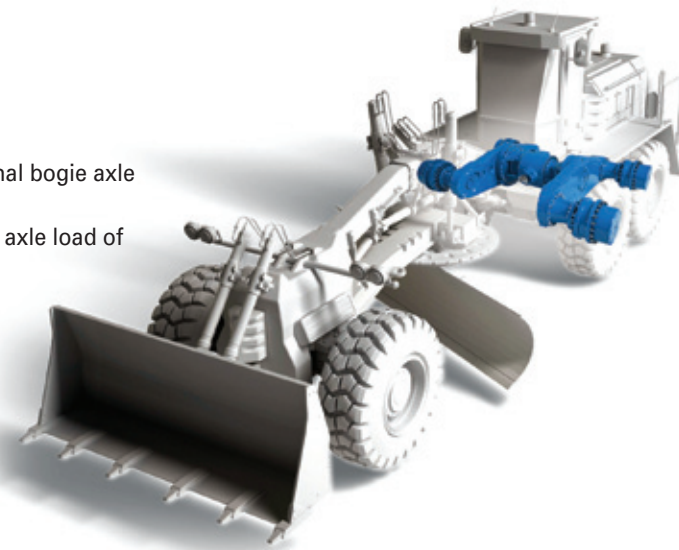
With requests from the market for 260-380 hp and 27-40 t machines, NAF's product range is continuously growing and its well-proven bogie size TAP 7600 with dynamic axle load of 255 kN at 50 km/h

was expanded by 2 additional bogie axle sizes:

- TAP 7800, for dynamic axle load of 345 kN at 55 km/h;
- TAP 8900, for dynamic axle load of 485 kN at 60 km/h.

The new sizes are perfectly integrated in NAF's modular system to allow a high variation and customized solution to realize the perfect drive for each model. Features like NoSpin or Multi-Disc-Differential-Lock (MDDL) are available as an option. If necessary, each bogie size can be equipped with NAF's integrated Permanent Bogie Balancing System (PBBS®) that insures an equal distribution of weight and tractive effort on all 4 wheels.

The existing range of construction bogie axles made by NAF used in small and medium size motorgraders as rear



axles are available from model PTA 4400 (72 kN at 30 km/h), TAP 5500 (110 kN at 45 km/h) and TAP 7500 (130 kN at 45 km/h). NAF bogie axles can cover a wheelbase between 1300-1960 mm for a wide range of different tires.

NAF also offers centrally-driven front steering axles in different sizes, ready to accept different models of hydraulic motors.

Source: Neunkirchener Achsenfabrik AG

Montabert® Introduces Upgraded Variable-Speed Breakers

Montabert® recently introduced its upgraded line of Variable-Speed Breakers. The 3 new models offer higher performance and lower operational and maintenance costs than their predecessors – most notably through the use of repairable components. All models have undergone a complete redesign in the Montabert welding and prototyping workshop, which was established in Saint-Priest, France, in 2021. The new breaker housings provide enhanced ergonomics, increased safety, and greater durability.

Named for their automatic variable-speed technology, Montabert Variable-Speed Breakers are built for use in the harshest conditions, as they sense changes in material hardness and adjust the breaker's impact energy and striking rate. The result is increased productivity, based on the application, and reduced blank firing. Montabert's variable-speed technology also reduces unnecessary harmful energy from transferring to the carrier and breaker, helping to prevent wear on parts and components. These breakers ideally

work in tandem with TRAMAC boom systems to productively break oversize rocks prior to primary crushing.

The new lineup includes the V47 (replaces the V46) for 27-40 t carriers, the V57 (replaces the V56) for 35-60 t carriers, and the V67 (replaces the V65) for carriers weighing 50-80 t.

For more than a century, Montabert has been a worldwide leader in the design, production, and distribution of hydraulic and pneumatic demolition and drilling equipment, including breakers and drifters. Designed for heavy-duty jobs in quarries, mines, trenching, demolition, and public works, Montabert attachments guarantee high productivity, safety, and reliability.



The company's continuous investment in research and development has resulted in an extensive line of technology and products that have revolutionized the construction and demolition industries.

Source: Montabert

Kenworth Announces Sunset of the Iconic W900, T800, and C500 Models

Kenworth recently announced it will end production of some of its legacy W900 (W900L and W900B models), T800W (wide-hood), and C500 in 2026. The decision is due to evolving emissions regulations and component constraints as the industry moves forward with new, more efficient, and better integrated technologies and products.

"We know these legacy Kenworth models are an integral part of our history here at Kenworth, which makes this decision a difficult but necessary one as we enter the next era of trucking," said Kevin Haygood, Kenworth's assistant general manager for sales and marketing. "As we transition to future products, we remain committed to honoring the spirit of these iconic trucks by delivering innovation, efficiency, and the same level of craftsmanship that our customers and drivers have trusted for generations."

The W900 is known for its classic long hood, conventional design, rugged durability, and driver-focused comfort and style. Since its introduction in 1963, it became a favorite among owner operators and fleet drivers. The W900's versatility and customizable platform made it a reliable choice for long-haul, heavy-haul, logging, dump, and other vocational and on-highway applications. Since the W900's inception, Kenworth has incorporated advancements in technology, styling, and performance into four iterations that have proven essential for different jobs while maintaining the iconic look.

"The W900 is truly historic in that it's helped shape North American trucking culture and tradition as we know it today," said Mr. Haygood. "Often seen at truck shows, featured in movies and on TV, and shown at other events, it's an iconic truck



that's cherished for its classic styling by our customers and truck aficionados. While production of these trucks is coming to an end, we look forward to seeing them



on our roads and at truck shows for many years to come."

Since its introduction in 1986, the T800 set a high bar for the standard in vocational trucks by blending durability, performance, and jobsite versatility. The T800W has remained a favorite among operators in heavy-haul and off-road applications and is built to accommodate large engines with increased cooling capacity and rugged

components. The tried-and-true toughness of the T800W has made it ideal for specialized heavy-haul, oilfield work, logging, and other demanding jobs.

First produced in 1972, the C500 is one of the toughest and most rugged vocational trucks ever built. It is specifically designed for extreme heavy-haul, oilfield, logging, mining, and off-road applications where weight capacity, durability, power, and reliability are critical. Unlike more mainstream Kenworth models like the W900 or T800, the C500 is a purpose-built workhorse made to handle the harshest conditions worldwide, offering a gross combination weight rating of up to one million pounds in specialty heavy-haul applications and operating in locations and conditions where no other commercially available truck can.

To ensure a smooth transition, Kenworth is providing comprehensive support and guidance to dealers and customers. Kenworth's W990 and T880 are well-positioned to continue Kenworth's tradition of excellence, offering best-in-class driver comfort, efficiency, and reliability. Kenworth's latest T880S, with the newly designed performance hood, offers high horsepower engines and increased cooling capacity. The T880S Performance Hood is compatible with large displacement engines including the Cummins X15, rated up to 605 hp and 2,050 lb ft of torque, making it a viable option for T800W applications.

As part of the phase-out process for its legacy trucks, Kenworth is advising dealers and customers to place final orders as soon as possible.

Source: Kenworth Truck Company

Tele Radio Takes a Step Into the Future with a New Product Line

Tele Radio, Allgon's biggest subsidiary, has officially launched its newest products into the market. The PAQ line of handheld industrial remote controls, made its debut at the 2025 edition of bauma.

The SupraPAQ TH76, along with the new R30 receiver, are available for purchase throughout the whole Tele Radio network, with the 3 other transmitters coming to the market later in the year. With this product line Tele Radio modernizes its product range, making it more flexible, reliable, and safe to use in the harsh industrial environments where the brand excels in.

Among all, one of the most outstanding new features coming with the PAQ line is the companion FieldManager app which expands the useability of the remote controls as well as streamlining their operation and service. In its first iteration it can be used to manage the devices settings and installed plug-ins, with more features such as wireless firmware updates, full data

synchronization and remote support and service from Tele Radio.

Safety being at the center at the center of all Allgon technology. Tele Radio also introduces the latest in safety technology that the brand brings into the hands of industrial operators. Along the critical emergency stop function – which is PLe, CAT4,SIL3 certified, the new line integrates redundant control functions to ensure that a compromised control function does not affect the remote controls' most vital "organs". This is done using separate processor unit for all these functions.

"This is a very exciting time for Tele Radio. This product line, the PAQ handhelds, are a big step into the future for our daughter brand. We are confident that this will bring the best and safest products to



the hands of our clients. All powered by Allgon technology," said Ola Samelius, CEO of Allgon AB Group.

Overall, the PAQ line brings a new level of innovation to the Tele Radio product range looks to simplify operations for all Tele Radio clients and partners.

Source: Allgon AB

GSSI and Hamm present RealTime Density Scan for Asphalt

GSSI, the world's leading manufacturer of ground penetrating radar (GPR) equipment, has reached a long-term agreement with Hamm AG, the world's leading roller manufacturer, to integrate a key new sensor to their digital compaction assistant Smart Compact for tandem rollers. The agreement enables a new era in asphalt compaction technology for real-time quality control (QC) and for quality assurance (QA) on asphalt paving jobs.

Hamm and GSSI have worked closely to create the RealTime Density Scan, a high-speed, highly accurate sensor that can handle the harsh paving conditions of vibration, dirt, moisture and temperature under a roller. Finally, roller operators have the compaction control they need to ensure uniform densities and to create longer lasting roads using less energy.

"Given the trajectory of Density Profiling Systems in the industry, the natural next step in the PaveScan ecosystem was to integrate this technology into asphalt rollers. This agreement with Hamm combines the long-standing strengths of each company to provide customers with a truly innovative solution on a large scale. We couldn't be more excited about working with Hamm and the future of DPS," commented GSSI president Chris Green.

GSSI has been working on the core GPR sensors and algorithms required to deliver highly accurate results across a large range of compaction scenarios for a number of years.

"This is a hard problem to solve at the accuracies required," explained GSSI CTO Dr. David Cist. "DOTs pay bonuses for good density because their research shows that each 1% change in compaction can extend or shorten road life by 10% or more. Since water is the enemy of all roads, getting good densities over the entire job is key to longer road life, since it seals out salt and water. However, the problem has always been that paving contractors have meager feedback for rolling asphalt to the right density. Knowing surface temperature, roller pass count, and stiffness are all great, but they can never be combined to give the density values contractors need at the accuracy DOTs pay for. Gauges and cores provide only spot density values, typically too late and too sparse to assure

longevity."

PaveScan technology has been used by numerous domestic and international DOT's for many years. The first few years of this work was primarily focused on Quality Assurance – making sure the road meets specifications after the job is done. The next step was to work with DOT's and contractors around the world to design a system that allows for real-time Process Control which enables contractors to fix problems during the job, rather than just pay for them after the job is over. This is a win-win for everyone involved. Extensive testing, across a variety of conditions, consistently shows that PaveScan products



in the Plant and on the asphalt mat provide actionable density information at all stages of the process, something that hasn't been possible before.

Source: GSSI - Geophysical Survey Systems, Inc.

Haver & Boecker Niagara at World of Asphalt/AGG1

Haver & Boecker Niagara displayed its engineering expertise at World of Asphalt/AGG1. Visitors discovered cutting-edge technology firsthand, as Haver & Boecker Niagara highlighted its latest innovations designed to

maximize efficiency, durability and performance in aggregates operations.

The F-Class Portable Plant on display featured a double-eccentric shaft assembly that maintains constant g-force during startup, shutdown and extreme conditions, including overloading and surging. Its custom-built chassis holds the vibrating screen and periphery equipment, such as crushers or conveyors, to customize the plant depending on operational needs. The plant allows users to get it up and running quickly, with a hydraulic system providing setup in less than 30 min. It also offers easy maintenance as the vibrating screen can be lowered in less than five minutes for easy screen media changeouts. Inclined, circular motion technology uses gravity to help move material down the screen deck, reducing pegging as well as energy and horsepower requirements.

Showgoers also got an up-close look at Haver & Boecker Niagara's diagnostics technology and various types of its durable and innovative screen media, along with the company's high-abrasion-resistant Rhino Hyde Liners.

Source: Haver & Boecker Niagara



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Info: 416-795-1295

Terberg Handles Heavy Loads at Heidelberg Materials

Terberg distributor N.C. Nielsen A/S has delivered 3 new Terberg RT283 tractors to Heidelberg Materials in Tinglev, Denmark, to keep the internal logistics on track at the Southern Jutland manufacturer of prefabricated concrete components. The new Terberg machines are another link in the long standing collaboration between N.C. Nielsen and Heidelberg Materials, who value technology, driver comfort, safety and service quality highly. They ensure fast, efficient and safe transport of the concrete components.

Heidelberg Materials is one of Denmark's leading manufacturers of prefabricated concrete components, with 450 employees and sites in Tinglev, Vejle and Højbjerg. Components such as walls, floor dividers, columns and stairs are manufactured in big production facilities in Tinglev. The external area can store between 800-1,000 finished loads of building materials, ready for shipment to Denmark and Germany.

"We manufacture concrete components to order, with a maximum capacity of 10,000 m² per week. We fabricate the components with a good lead-in time. Every day, we send out 10-60 loads that are taken directly to building sites for mounting. The process depends on a well-functioning machine fleet, where every vehicle has a carefully defined function," said Hans Bertelsen, logistics coordinator at Heidelberg Materials.

The arrival of the Terberg RT283 terminal tractors marks a change at Heidelberg Materials, where older machines had become outdated and no longer economical

to maintain. In addition to the 3 new terminal tractors, there are 4 other Terberg machines at Tinglev. These also play an integral part in the internal logistics at the company.

"There is a lot of traffic on site and the terminal tractors are indispensable for moving components from storage to collection points, and sometimes back to the production facility if additional components or adjustments are required. The powerful terminal tractors are perfect for this process, they drive equally well on paving stones, stabilised gravel and public roads," said Mr. Bertelsen.

The solution from N.C. Nielsen involves digital fleet management with Terberg Connect software and the client portal Yourfleet, both of which give full overview of the fleet. Digital fleet management gives Heidelberg Materials all the relevant information to optimise operations in terms of, for example, energy consumption, safety, proactive maintenance, green driving style and real-time information about who is operating the machines.

"We really value the service from N.C. Nielsen. It makes it possible to maximise operational uptime. We can't wait for a long time if there is a sudden technical



problem. In such situations I can contact 'our' service engineer directly so we can be up and running again quickly. This is a significant part of N.C. Nielsen's service concept, which works extremely well in all areas," added Hans Bertelsen.

With its service concept, N.C. Nielsen takes the shortest route to the client. The personal relationship between N.C. Nielsen's local service engineer and the key personnel at Heidelberg Materials is crucial for the delivery of service quality.

Source: N.C. Nielsen A/S

The First Phase of Ovako Imatra's Investment in the Heavy Bar Mill Completed

A new dimension measurement device has been installed at the heavy bar mill in Imatra, enhancing production efficiency, further improving steel quality, and reducing physical workload. The new measuring device is part of a major investment in modernizing the heavy bar mill.

The device was supplied by the German company LAP Laser GmbH and it is installed on the profile line of the heavy bar mill. The device is equipped with 4 laser

modules and a high-speed camera that captures steel bars passing through the device, calculating their final dimensions with precision and in real time using advanced computation algorithms.

The need for the new measurement device arose as the share of profile dimensions in the heavy bar mill's output has increased, creating a demand for greater production efficiency.

"Production efficiency is based on

increased automation. Thanks to the measurement device, the production capacity of the heavy bar mill is expected to grow by approximately 6,000 t/y," said Otto Kankaanpää, project manager for the measurement device project.

The dimension measurement device also significantly improves the detection of surface defects. The analysis of surface defects relies on laser scanning and high-speed imaging.

Farmer Restores Mack® R Model for Museum Donation

A piece of trucking history has found a new home at the Mack Trucks Historical Museum, thanks to the dedication of 8th-generation farmer and restoration enthusiast Grayce Emmick. The restored 1984 Mack® R Model, originally custom-built for Johnny Prescott and Son Oil, of Concord, New Hampshire, represents both Mack's legacy and a personal journey for its restorer.

"I've always preferred older trucks over new, and to me there is nothing cooler than an old dog that looks new," said Ms. Emmick. "Growing up around Mack trucks made it easy to fall in love with the brand. The first Mack I sat behind the wheel of is a 1985 R Model that has been on our farm since 1992."

The year-long restoration project balanced preserving historical elements while adding modern touches. The truck maintains its original steering wheel cap, engraved with Custom Built for Johnny Prescott Oil Co., and features vintage Mack bulldog mirror ornaments with distinct long ears and tail designs.

"The Mack R Model series is iconic in trucking history, creating the benchmark for American transportation from 1965 and maintaining it through the mid-2000s," said Doug Maney, curator of the Mack Trucks Historical Museum. "The fact that our trucks are not just dependable tools is reinforced by the R model, generating a source of pride for their owners. Grayce's influence and hands-on effort, preserving original details while thoughtfully modernizing others, helps us tell the story of

The dimension measurement device was commissioned just before Christmas. The planning and implementation of the investment involved a wide range of professionals from different fields within Ovako. The new technology also offers learning opportunities, for example, in data analytics.

Source: Ovako

Mack's heritage and the evolution of trucking in America."

The restoration began with several Mack supporters.

"Mack fans are loyal, dedicated, and supportive," said Mr. Maney. "When this project was first mentioned, I had several offers from truck owners that wanted to help.

Jim Rymes of J & H Rymes and Daughters in Lakewood Ranch, Florida, generously donated his truck for the base of this project. In order to get the R to Kentucky, another dedicated Mack fan, Gregg Hoffman with Underdog Transport in Bangor, Pennsylvania, donated the hauling from Florida to Grayce's family farm for her personalization. The Mack brand roots itself into people just as it has American and world history."

The project became a family and community effort, with contributions from Grayce's partner, Gavin Spoor, and other supporters. A personal touch includes a 5th wheel from Spoor's truck – the very vehicle that brought the couple together during a 10-h drive from Texas.

"Mack Trucks has been an integral part of my story and being able to donate to their legacy is nothing short of empowering to me," said Grayce Emmick.

"We're honored to welcome this historic R Model into our collection," said Doug Maney. "What makes this donation particularly special is how it bridges generations – combining the craftsmanship of Mack's past with the passion of a young enthusiast who understands the importance of preserving our trucking heritage. It will serve as an inspiring example to museum visitors of Mack's enduring quality and the continuing legacy of our favorite brand."



Emmick Farms was established in 1813 in the Ohio River-bottoms of Lewisport, Kentucky. The historic farm, which focuses on row crops, including corn, soybeans and winter wheat, has a unique place in American history – its riverbank once served as the site of Abraham Lincoln's ferry business, and nearby, Lincoln won his first court case, launching his path into politics.

The Mack Trucks Historical Museum is a nonprofit that celebrated its 40th anniversary in 2024 and provides the perfect home for this meticulously restored R Model. The 1,400 m² facility, housed within the Mack Experience Center in Allentown, Pennsylvania, welcomes approximately 10,000 visitors annually. The museum showcases 30 operational vintage vehicles that have been carefully restored and preserved by dedicated staff and volunteers. Its extensive archives include more than 40 million pages of records documenting Mack's pivotal role in American industrial development, from World War I to landmark infrastructure projects like the Hoover Dam and New York City subway system.

The restored 1984 Mack R Model is now available for public viewing at the Mack Trucks Historical Museum in Allentown, Pennsylvania.

Source: Mack Trucks

D-A Lubricant Company® to Exhibit at World of Asphalt

D-A Lubricant Company® participated for the first time at World of Asphalt/ AGG1 trade show, held March 25-27, 2005, in St. Louis, Missouri. As a leader in high-performance lubricant solutions, D-A Lubricant showcased a comprehensive lineup of products tailored specifically for manufacturers and suppliers in the asphalt industry.

Visitors to the D-A Lubricant booth had the opportunity to learn more about the company's innovative and reliable lubricant solutions for the asphalt industry, including:

- Heat Transfer Cleaning Fluid & Heat Transfer Oil –D-A HTCF Oil™ is a specially formulated, acid-free product for annual or semi-annual cleaning and flushing of the heating core that cokes up causing inefficient operation of asphalt heating machinery. It possesses excellent natural temperature stability when subjected to the high temperatures encountered in most heater systems.
- ThermoPlex™ – is proven to excel in the toughest high temperature applications including brick kilns, steel mills, asphalt plant equipment and wheel bearings associated with disc brakes. D-A ThermoPlex™ is excellent for high temperature bearing applications as well as shaker screens, cone crushers, conveyors, loaders, trucks and many other applications.
- D-A Titan Blue™ is a technologically advanced grease specifically tailored for extreme lubrication conditions and challenging environments. When under extreme pressure and load, its unique Micro Technology™ system provides a controlled release of microencapsulated particles delivering a protective barrier preventing metal to metal (boundary) contact, particularly in various types of harsh ambient environments where high shock loads are expected. It also maintains unparalleled film thickness throughout its service and affords excellent high temperature stability / oxidation control at elevated temperatures.
- GearSyn EP™ oil is formulated with outstanding extreme pressure (EP) additives to provide a layer of protection for shock loading. It is especially useful where micro-pitting of gear teeth has been a problem. Its low friction tendencies, when

compared to conventional gear lubricants, produce lower operating temperatures and increased gear efficiency providing an opportunity to reduce operating costs.

- D-A GTD™ gear lubricant is a mild EP gear lubricant designed to meet the lubrication needs of gear trains requiring the use of an extreme pressure lubricant. It is especially well-suited for use in severe service equipment such as rock crushers. D-A GTD™ is formulated with quality base oils and carefully selected additives resulting in a product which will provide excellent anti-wear protection under heavy loads while also guarding against rust and corrosion, even when the system is idle.
- D-A Crusher Lubricant™ provides excellent performance in gyratory, cone and jaw crushers. It is also well suited for use in screen gearboxes and bearings requir-



ing EP gear oil lubrication. D-A Crusher Lubricant™ is specially formulated to be compatible with bronze and brass bushings and bearings. It helps limit rust and corrosion plus contains extreme pressure additives for severe service use.

"We're thrilled to connect with industry professionals at the World of Asphalt and share how our products can help improve equipment performance and operational efficiency," said John Noal, executive vice president, D-A Lubricant Company. "Our booth will offer attendees a chance to explore our products up close and speak with our team about solutions tailored to their specific needs."

Source: D-A Lubricant Company

1,000 Kenworth W900 Legacy Edition Trucks to be Produced

It was 62 years in the making. The Kenworth W900 Legacy Edition is here, and it epitomizes the iconic Kenworth model that drivers of all ages aspire to own. More than 280,000 W900s have been sold since 1963, with the final builds coming in 2026.

"Our W900 Legacy Edition is a way to celebrate the history and importance of the truck model with our customers," said Kevin Haygood, Kenworth's assistant general manager for sales and marketing. "We will produce 1,000 of these limited-edition trucks, and they're sure to become a collector's item. They'll be powered by the Cummins X15 engine painted in legacy Cummins beige – an exclusive color for

this limited edition. The Legacy Edition is the 9th limited edition W900 Kenworth has produced. In recognition of that, we are bringing back paint schemes from those past trucks and some other fan favorites."

"There has been a long love affair between drivers and the W900," said Mr. Haygood. "The trucking industry features many generational families and owner-operators who have bought the W900 over all these years. It's The Driver's Truck™ with its bold, long hood and stately appearance. It's why you see them at so many truck shows – they've won plenty of awards. The W900 also occupies a special place in popular culture. It dodged Smokey

Garrison Diversion Conservancy District Selects Felling Trailers for Transport Needs

The Garrison Diversion Conservancy District was created by the state of North Dakota in 1955 to develop the Garrison Diversion Unit (GDU) project which serves 28-member counties across North Dakota. Garrison Diversion focuses on irrigation, recreation, agriculture and natural resources and municipal, rural and industrial water supply. They are also responsible for operations and maintenance (O&M) of the federal GDU project facilities consisting of canals and pumping plants. This all entails the need to transport equipment from location to location and their quad axle detach trailer was at the end of its life cycle.

Having a long-standing relationship, GDU looked to Ed Kinvig of Titan Machinery, a Felling Trailers dealer, to assist



in the acquisition process of a new 65-ton hydraulic detachable gooseneck.

Garrison Diversion needed a custom



From l. to r.: Tom Wagner of GDU; Ed Kinvig of Titan Machinery; Darren Murray of GDU; and Jake Meyer, Felling Trailers; with the Felling XF-110-4 HDG.

10' (2.54 m) wide trailer, capable of hauling several different pieces of equipment like

excavators and dozers.

"We needed a custom-built wide trailer and wanted it with a gooseneck lock with a pin style connector for unhooking the trailer bed, and a

paint coating that would last," said Darren Murray, O & M Superintendent GDU.

Felling's hydraulic detachable goose-

neck locking design and coating system had Garrison Diversion sold. They had dealt with other brands that were not as functional, and the paint did not hold up. Kinvig and Garrison Diversion worked with Felling's Jake Meyer, inside sales, and their engineering team to spec the trailer to Garrison Diversion's needs.

With the design process completed the hydraulic detachable gooseneck moved on the production floor. The custom detach incorporated a knuckle trough in the rear of the main deck, 45° full height trunnion approach with bolt-on wheel covers to provide a full-length load bearing flat modular top, air lift axles, amber strobe lights, flasher kit, and an oversized load sign. Upon completion of the trailer build, Ed Kinvig and the Garrison Diversion team made the journey to the Felling Trailers manufacturing facility to tour the plant and pick up their new trailer.

"If it's something you will have for a long time, check out Felling Trailers, their coating (paint) on the trailer and the warranty is better than other brands. We have had a lot of different brands, and the paint just falls off," replied Mr. Murray when asked what advice the Garrison Diversion team had for other entities looking to purchase a trailer for their own fleet.

"Buy a Felling, the quality is there, the professionalism with the knowledgeable staff is second to none, working with Jake is great! They take care and build a high-quality product!" according to Ed Kinvig of Titan Machinery.

Source: Felling Trailers, Inc.



and aided Mr. Bond, all while becoming an iconic piece of automotive history."

Source: Kenworth Truck Company

Ultra Flexibility – The Latest Advancement in Asphalt Interlayers

Phillip Blankenship,
 president, BAAT Lab
 Special Collaboration

a hot-mix interlayer solution that provides exceptional flexibility (nearly 100 times more flexibility) than traditional asphalt.

As further research and field investigations have found, flexibility is a crucial property for an asphalt interlayer because it allows the pavement to absorb stress and movement.

RIGID VS. FLEXIBLE – THE UNDERLYING CAUSE OF REFLECTIVE CRACKING PROBLEMS

Reflective cracking occurs when cracks or joints in an underlying pavement layer propagate upward into a new asphalt overlay. The rocklike hardness of underlying concrete or old asphalt creates a rigid layer that shears and moves under the forces of traffic and earth movements. It is little wonder then, that flexible asphalt pavements placed on top of concrete or old asphalt do not stand a chance of holding tight against these extreme forces. The asphalt overlay will crack directly over the joints in the underlying concrete slabs or cracks in asphalt pavement, providing a path for water to infiltrate the underlying base.

For decades the industry has tried a variety of solutions, from grids, to paving fabrics, to a plethora of asphalt surface layer designs. All have worked to some

degree in combatting the problem of shear movement but “some degree” is still not enough, especially today with the increased emphasis on sustainability and long-life pavements.

Asphalt overlays generally reflective crack at a rate of 25%, or 25 mm/y after the first year. That means a 50 mm overlay will see all cracks reflect through in 2 to 3 years, and a 100 mm overlay will crack in 4 to 5 years. Clearly, we still need something better to disrupt the rigid/flexible dynamic. And any solution needs to absorb at least 80% of the underlying movement to ensure survival of the surface overlay.

Polymerized chip seals add resistance to cracking but can’t achieve enough thickness to reach 80% strain absorption. Even a 25 mm-thick asphalt-rich interlayer approaching 9% asphalt content (AC) would still not effectively combat the underlying rigid/flexible dynamic due to rutting potential, and a higher asphalt content increases the cost of the overlay as well.

With all the various solutions still falling short, the temptation is to say, “It can’t be done.” Oh, but it can!

THE ADVANCED SOLUTION: SUPERCHARGE THE ASPHALT MIX

Today it is possible to provide unparalleled crack resistance in hot mixes that

can be modified to meet specifications required for your pavement’s particular performance needs and customer expectations. It is all due to the successful addition of a fine aggregate, high-asphalt binder, and a razor-edge design that incorporates high-tech additives (polymer and aramid fiber). This design leads to an interlayer that meets or exceeds a 750 CTindex at 7% air voids. Also, it is not unusual for this CTindex to approach or exceed 1,500.

By achieving this high index, the supercharged interlayer design provides a leap forward over traditional mix designs, allowing it to absorb shear movements and delay reflective cracking.

The real beauty of this interlayer design is that it is locally available to any contractor using a blend of their fine aggregates. Moreover, it is plant-produced, paver-laid, and provides a quick return to traffic.



Most recently BATT has designed several successful interlayer projects, starting in 2019 with the Taylor County Airport runway that is still in good shape today. In 2024 alone, BATT has assisted



in specifying, designing, and constructing four interlayers to combat severe reflective cracking in Canada and the U.S. These include interlayers in Alberta, Ontario, and

New Brunswick, and on a section of I-76 on the Pennsylvania Turnpike.

FOR BEST RESULTS, THINK HOLISTICALLY ON THE PAVEMENT SOLUTION

In addition to a supercharged, flexible interlayer, a complementary, more flexible overlay will provide added crack resistance

to absorb the remaining 20% movement not controlled by the interlayer. This option provides the famous one-two punch to win the round against cracking, as most top layers handle only about 10% of the

shifting slabs.

Keep in mind that a well-designed flexible interlayer helps distribute loads more evenly, preventing reflective cracking from underlying layers. This adaptability to shearing enhances the pavement’s durability and improves its performance under varying traffic and environmental conditions.

For the long run, my best advice is: Be purposeful in your asphalt mix design. Align the solution to target the pavement distress and avoid replacing trouble spots with the same mix formula as the original pavement. By addressing the root cause – whether it’s cracking, rutting, or moisture damage – solutions should be tailored for maximum durability and efficiency.

This strategic approach not only extends pavement life but also minimizes future maintenance, reducing overall costs and disruptions. Investing in the right fix for the right problem leads to safer, stronger, and more sustainable roads.

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Eliminate Blue Smoke Emissions at Your Asphalt Plant

Blue smoke emissions from asphalt plants can cause a number of challenges for producers, ranging from regulatory requirements to overt opposition from neighbors. In fact, asphalt plant emissions are facing increasing regulatory oversight. For instance, New York State's Department of Environmental Conservation recently proposed new air regulations on blue smoke control at asphalt plants. The new regulations will affect liquid asphalt storage tanks, hot-mix asphalt storage silos, pugmills, truck loadout, and drag conveyors. Similarly, The Utah Division of Air Quality soon will require regulation of blue smoke and volatile organic compound (VOC) emissions from HMA plants. Its new Rule 313 requires HMA plant operators to control both VOCs and blue smoke emissions in the production and loading of HMA and at asphalt storage tanks. Owners and operators must comply by May 1, 2025.

Blue Smoke Control, a division of Butler-Justice Inc., based in Anaheim, California, offers a patented, proven system that can eliminate emissions challenges and help producers meet new regulations. In addition, the Blue Smoke Control system can also keep producers on course to meet climate goals as part of NAPA's "The Road Forward" initiative. The Road Forward challenges asphalt producers and pavers to develop technologies and processes that can help the industry achieve net-zero carbon emissions by 2050.

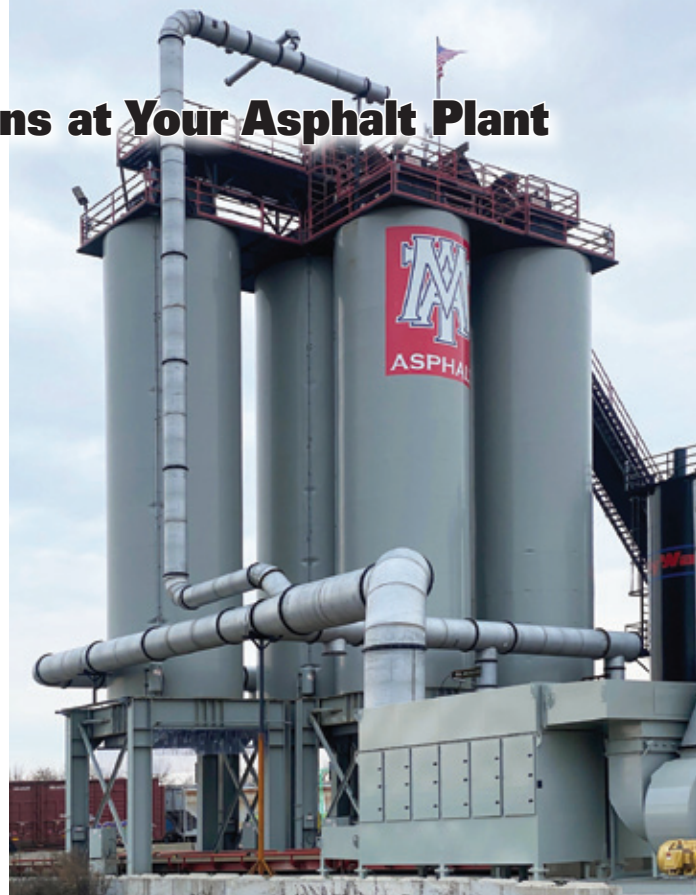
Because blue smoke is essentially vaporized oil at high temperatures, Blue Smoke Control's ducting system bleeds ambient (outside) air at key points and captures blue smoke from emission points in the asphalt production process. The system captures blue smoke from numerous points – including transfer points, silo filling, and truck loading. Seven stages of filters help to coalesce the tiny oil vapor droplets and aerosols into larger droplets that can be filtered out by the blue smoke

collector. The oil droplets drain from the filters via gravity to a collecting sump.

In some cases, the system can pull as much as 20 l/d of oil from conveyor transfer points, silo-filling spots, and truck load-out areas. Not only is the final high-efficiency filter 95% efficient at capturing particles as small as 0.3 µ (creating a filter that is equivalent to HEPA quality), the complete system is 99.9% efficient overall.

With the Blue Smoke Control system, emissions from hot-mix plants can be reduced to nearly zero, providing owners with the means to achieve the highest level of environmental stewardship. Implementation of this technology has been proven to virtually end calls from nearby neighbors regarding visual emissions. Blue Smoke Control can be incorporated into new plant designs, and it is also easily retrofitted into existing plant operations, with minimal modifications to the plant. It is easy to use and to maintain.

"The addition of RAP, rubberized asphalt, and polymer blends into asphalt mix designs has led to higher emissions due to higher mix temperatures. We provide the only environmental control devices that can easily be installed into any asphalt plant to remove up to 99.9% of blue smoke associated with asphalt production. Our Blue Smoke Control will eliminate the nuisance calls from neighboring residents and businesses," according to Mike Butler,



president of Butler-Justice.

Blue Smoke Control division of Butler-Justice Inc. is a leading supplier of complete blue smoke control and odor control systems that eliminate both the blue haze typically found during the production of hot mix asphalt, as well as odor-causing VOCs. With hundreds of successful installations in the continental U.S., as well as Canada, Mexico, Australia, and Europe, Blue Smoke Control achieves the highest standards of emissions control, with reasonable initial investment costs and economical ongoing expenses.

Source: Butler-Justice Inc.

GINCOR Werx Brings a Live Bottom Truck Mount to the World of Asphalt

GINCOR Werx, a company with 4 decades of experience and expertise in the manufacturing of vocational vehicles, showcased some of its products at the World of Asphalt/AGG1 show held in St. Louis, Missouri from March 25-27, 2025.

This was the first time that GINCOR Werx is displaying products at one of the main asphalt industry related conferences in the world. GINCOR Werx brought a live bottom truck mount to the show.

Live bottom trailers and live bottom truck mounts are recognised as one of the best solutions for unloading materials. Paving jobs can take full advantage of all the best features of live bottom trailers and live bottom truck mounts, such as:

- no risk of tipping over;
- no risk of hitting overhead wires, traffic lights, trees, etc.;
- complete control of the amount of material being dumped;
- less material loss;
- less clean-up;
- enhanced time efficiency.



GINCOR Werx Live Bottom Trailers and Live Bottom Truck Mounts have been gone through significant improvements over the past years, all of those done by the in-house Engineering department. Every new feature and improvement is the result of hours spent on product development and the priceless information received from customers feedback. GINCOR Werx is closely connected with customers to better serve and always improve the quality and performance of its products.

Along with live bottom trailers and live bottom truck mounts, GINCOR Werx is also showcasing the capabilities of the JC-Series line of heavy haul trailers.

GINCOR Werx JC-Series heavy haul trailers are known for the durability and capability of taking the roads less travelled. The GINCOR Werx JC-Series paving float has been successfully hauling heavy paving machinery for decades throughout North America and abroad.

Source: GINCOR Werx

Holms Attachments Displays for the First Time at World of Asphalt/AGG1

Holms Attachments displayed 3 models of sweepers, including the newly launched DUO DL Pickup Sweeper with its unique opening debris container, at the World of Asphalt/AGG1 show held in St. Louis, Missouri from March 25-27, 2025.

Supporting the construction and paving industries with multiple innovative solutions Holms Attachments targets the industry with a range of flexible attachments that allow contractors to utilize existing fleet machines (loaders/skidsteers) vs. using dedicated sweeping machines. Lower owning and operating costs make



these attachments a flexible solution worth consideration. Ease of operation and premium quality are the hallmarks of Holms products.

Holms Attachments AB was founded 1927 in Motala, Sweden. The company started as manufacturer of horse shoes and during the 1950's Holms acquired another

local company that produced shovels. Holms manufactures sweeping and snow removal attachments for the global heavy equipment market. North American Operations are headquartered in Hickory, North Carolina.

Source: Holms Attachments, Inc.

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Link Introduces RespondAir Heavy-Duty Rear Air Suspension for Fire and Rescue Applications at FDIC 2025

Link Mfg., Ltd., the leader in specialty-engineered suspensions, suspension controls and air management products, and a Tier-1 supplier to major heavy-duty commercial truck and fire truck manufacturers, announced the introduction of its new RespondAir heavy-duty rear air suspension system. Developed specifically for fire and rescue vehicle applications, RespondAir is the industry's first non-torque-reactive suspension rated from 13,600-15,875 kg capacities, addressing the unique demands of modern fire apparatus through innovative engineering and robust construction.

"Through extensive voice-of-customer research with fire departments and OEMs, we identified critical needs around maintenance, stability and equipment protection," said Mark Molitor, senior product manager for Link Manufacturing. "RespondAir represents Link's 26-plus-year commitment to those industry needs with a purpose-built solution that eliminates common pain points while delivering superior performance in emergency response situations."

The RespondAir suspension's non-torque-reactive design represents a significant advancement in stability and control. Unlike conventional torque-reactive suspensions that can cause unwanted chassis movement during braking and acceleration, RespondAir's innovative upper and lower control arm configuration minimizes axle movement and reduces stress on driveline components and vehicle occupants.

Link engineered the suspension with significantly larger, more durable natural rubber bushings, compared to the smaller bushings favored by other suspension suppliers. The bushing's increased surface area reduces the stress the rubber experiences, diminishing maintenance requirements and extending service life. The elimination of U-bolt connections in favor of optimally engineered weld-on



axle brackets further enhances long-term reliability. RespondAir suspensions are configured to fully integrate with Meritor/Dana axles.

The suspension's V-Rod configuration, versus the conventional torque and track



bar configuration, provides superior lateral stability and reduced tail swing – especially critical for aerial apparatus with extended overhangs. High-strength cast steel components and seamless tubing construction ensure durability under extreme duty cycles.

RespondAir is engineered for both single axle and tandem axle configurations, making it ideal for aerial trucks, rescue pumpers, tankers and other heavy-duty fire apparatus. The system integrates Link's proven 500 Series height control valves, offering the highest flow rates available for optimal leveling performance. The air suspension system also features a rapid air-dump function that allows fire trucks to reduce their overall height, enabling access

to older station houses with lower door clearances.

All RespondAir suspensions are treated with Link's exclusive Link-KOAT migratory self-healing metal treatment. This proven protective coating provides superior corrosion resistance and rust protection, even when surfaces are exposed to harsh de-icing chemicals, excessive road abrasion and extreme-duty environments commonly encountered in fire service operations.

"The RespondAir suspension directly addresses the industry's most pressing needs in heavy-duty fire apparatus applications," added Mr. Molitor. "By developing a true non-torque-reactive system with larger, more durable bushings and eliminating traditional U-bolt axle connections, we've created a suspension that directly addresses industry demands, significantly reduces maintenance requirements, and enhances stability and ride quality. This purpose-built design, backed by our industry-leading warranty, demonstrates our commitment to providing fire departments with equipment that performs reliably when lives are on the line."

Link showcased the RespondAir suspension at FDIC International 2025, held April 7-12, 2025 in Indianapolis, Indiana. Link's engineering team was available to discuss integration capabilities and performance specifications.

Link will back the RespondAir with an industry-leading warranty featuring coverage on structural components and wear components. The system will be available through OEM partners starting in late 2025.

Source: Link Mfg., Ltd.



Airbus Canada Rolls Out Sustainable Aviation Fuel

The first sustainable aviation fuels (SAF) delivery recently took place at the Airbus Canada's A220 site, enabling the Mirabel teams, in Quebec, to use SAF for production, customer acceptance and test flights. This now means that all Airbus commercial aircraft assembly sites around the world are now using sustainable aviation fuel (SAF) for their internal operations.

During the course of 2025, all Airbus commercial aircraft delivery centers around the world will offer SAF to customers for ferry flights. This year alone, in 2025, over 600,000 l of SAF with a 30% blend are expected to be used at the Airbus Mirabel site resulting in a reduction in CO2 emissions of around 400 t.

"On average, SAF can reduce CO2 emissions by up to 80% compared to traditional jet fuel. This substantial reduction is crucial to the industry's progress towards decarbonisation by 2050. It's a big milestone to now have our Mirabel site in Canada, as SAF capable as our other Airbus sites. It not only means we can test our A220 aircraft using SAF, but we will also be able to deliver them to our customers with SAF too," said Benoît Schultz, CEO Airbus Canada.

In 2024, 18% of Airbus global fuel mix for the year was SAF. That's more than 16 million l of neat SAF. Alongside this, 75% of Airbus aircraft worldwide were delivered with SAF, representing also the importance our customers are placing on decarbonization.

Management of SAF in Mirabel will be done using the mass balance principle. Once the SAF has been transported and delivered to Airbus Canada, it is blended with the conventional aviation fuel (CAF) also known as Jet-A1 in the Mirabel site's fuel tanks is allowed through established standards and auditable bookkeeping. Airbus Canada has the ambition to deliver SAF Proof of Sustainability (PoS) to A220 customers receiving their aircraft from Mirabel in 2025. SAF has been used in A220 aircraft delivered from Airbus' A220 Mobile Final Assembly Line since 2016.

As with all Airbus aircraft, the A220 is already able to operate with up to 50% Sustainable Aviation Fuel (SAF). Airbus



SAF truck at Airbus Canada - © Airbus Canada Limited Partnership

aims for all its aircraft to be capable of operating with up to 100% SAF by 2030.

The Airbus site in Mirabel is over 140 000 m² and includes, among others, a pre-final assembly line (pre-FAL), 2 final assembly lines (FAL), a customer response

centre (CRC), a flight and integration test centre (FITC), and a brand new delivery centre. Over 3,500 Airbus employees work at this location.

Source: Airbus

GNFC Cuts CO2e Emissions with Envicat N2O Removal Catalyst

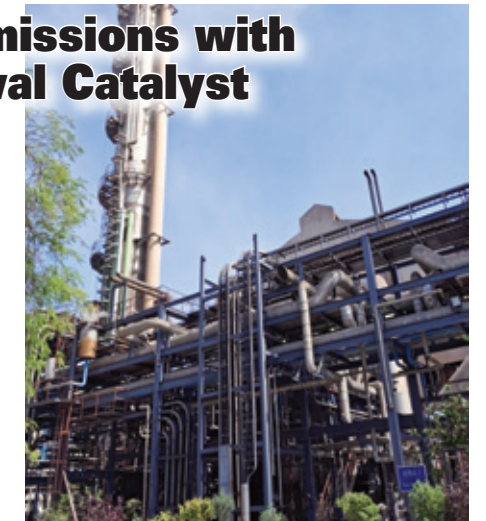
Clariant recently announced remarkable results from its Climate Campaign for nitrous oxide (NOx) abatement at Gujarat Narmada Valley Fertilizers & Chemicals Limited's (GNFC) facility in Gujarat, India. The installation of Clariant's EnviCat N2O-S catalyst has shown outstanding performance since October 2024, with monitoring data demonstrating significant reduction in N2O emissions equivalent to 44,000 t/month CO2e.

"Our partnership with GNFC, a pioneering force in India's fertilizer and chemical industry, marks a significant milestone in industrial decarbonization efforts. The exceptional performance of EnviCat N2O-S at GNFC's facility demonstrates how our sustainable catalyst solutions can help industry leaders achieve substantial greenhouse gas reductions," commented Xaver Karsunke, head of Specialty Catalysts at Clariant.

The implementation at GNFC's facility has demonstrated strong and consistent performance in CO2e reduction. Based on the initial four months of operation, the projected CO2e reduction is expected to reach approximately 520,000 t/y, with further improvements anticipated following a planned catalyst addition during the next maintenance shutdown.

While nitric acid is essential for manufacturing fertilizers, its production process emits N2O, which is almost 300 times more harmful to the climate than CO2. The EnviCat N2O catalyst series effectively removes N2O and other nitrogen oxides, designed as a drop-in solution that can be easily installed without disrupting manufacturing processes. With over 50 successful installations globally and 20 years of market presence, EnviCat N2O continues to demonstrate its effectiveness in industrial applications.

Source: Clariant



Kalmar Reachstackers Support SSAB's Green Steel Production at Oxelösund, Sweden

Kalmar has concluded an agreement with steelmaker SSAB to supply 5 Kalmar Super Gloria reachstackers for its Oxelösund mill in Sweden. The machines are scheduled for delivery during Q2 2026.

SSAB is a leading global steel company with employees in over 50 countries. Its production plants in Sweden, Finland and the U.S. have an annual capacity of approximately 8.8 million t. The company has introduced 2 unique decarbonized steels and aims to largely eliminate CO2 emissions from its operations.

The Oxelösund mill is an important site with regard to the green transition of SSAB's entire Nordic production system, replacing the blast furnaces with an electric arc furnace, among other things. Kalmar already has a strong local presence on the site, with a dedicated team of service technicians delivering expert support including preventive and corrective maintenance as well as other services.



The reachstackers supplied to SSAB will be partially manufactured using SSAB Zero™, a fossil carbon emission-free recycled steel. They will be used to transport scrap steel to feed the electric arc furnace at the mill, using a specialised rotator to enable them to rotate containers full of scrap steel at a load centre of 5300 mm.

To ensure maximum operational efficiency, the reachstackers will be backed by Kal-

mar's on-site workshop, which will provide expert support, preventive maintenance, and rapid response to any service needs. This ensures uninterrupted operations and enhances equipment longevity, supporting SSAB's sustainable steel production.

Source: Kalmar

Philippi-Hagenbuch Announces Zero-Emission Steel Option, Aiding Customers with Their Environmental Goals

Philippi-Hagenbuch Inc. is expanding the steel options for its custom solutions portfolio by offering zero-emission SSAB Zero™ steel for its haul truck equipment. SSAB Zero is available as an option for Philippi-Hagenbuch's entire line of custom products. The zero-emission steel alternative helps producers and fleet managers achieve their environmental goals with efficiency-enhancing equipment tailored to their operation.

"Philippi-Hagenbuch has a history of being at the forefront of the industry when it comes to the materials we use and the designs of our products," said Josh Swank, chief growth officer at Philippi-Hagenbuch. "Zero-emission steel is part of that ongoing mantra we've had over the last 55 years. This provides customers high-quality, fully customized equipment with the same toughness they've come to expect with our products, but in a package that also helps minimize their environmental impact."

Zero-emission steel is available for



Philippi-Hagenbuch's entire line of engineered-to-order products, but is most impactful on complete body replacements, such as HiVol Bodies, HiVol Water Tanks and Rear Eject Bodies. Philippi-Hagenbuch's zero-emission solutions provide the same benefits and specifications as those manufactured with traditional SSAB steel, and do not compromise in terms of durability or abrasion resistance. Though opting for zero-emission steel will

increase the product cost, the dividends through carbon credit and potential to take on projects calling for more sustainable practices can assist users in achieving their sustainability goals. Philippi-Hagenbuch provides calculations for both options, allowing customers to make an informed decision about the steel selection for their products.

Source: Philippi-Hagenbuch Inc.

Boluda Maritime Terminals Tenerife Orders Konecranes Hybrid RTGs in the Canary Islands

Konecranes customer Boluda Maritime Terminals Tenerife has placed an order for 4 hybrid Konecranes Rubber-Tired Gantry (RTG) cranes equipped with many Smart Features. The contract was signed in December 2024.

Boluda Maritime Terminals Tenerife (Boluda) is an independent port operator providing container handling and logistics services at the Port of Tenerife, a strategic hub in the Canary Islands for trade between Africa, the Americas and Europe.

The company opted for hybrid Konecranes RTGs after reviewing fuel consumption calculations and comparisons that demonstrated the fuel efficiency and eco-efficiency of Konecranes hybrid drives.

"Konecranes hybrid drive technology provides the perfect balance of performance and environmental responsibility. The Smart Features also contribute to more efficient container handling and enhanced safety," said Gonzalo Calero

Gómez, CEO of Boluda Maritime Terminals.

The new cranes will join 2 Konecranes RTGs. The long-term reliability of these existing RTGs, delivered in 2007, reinforced Boluda's confidence both in the durability of Konecranes technology and how it keeps improving. Evidence of this is seen in the Smart Features that will come with the new cranes: Auto-Steering, Auto-TOS Positioning, Auto-Positioning, Stack Collision Prevention and Truck Lift Prevention.

This contract is part of Ecolifting, Konecranes' vision to increase its handprint – meaning the beneficial environmental impact that can be achieved with our product



and service portfolio – while reducing customers' carbon footprints. From eco-optimizing diesel drives, to hybridization and fully-electrified fleets, we will continue to do more with less.

Source: Konecranes Oy

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Appointments

Komatsu America Corp. recently announced that **Rod Bull** will become CEO of Komatsu North America Corp., replacing Rod Schrader who stepped down from his Chairman and CEO roles on March 31, and will fully retire effective June 30, 2025.



Rod Bull currently serves as executive vice president of Komatsu's North America region. He brings nearly 25 years of leadership experience in the heavy equipment manufacturing industry, including 14 years with Komatsu.

Mr. Bull has been with Komatsu since 2011 and has held numerous senior leadership roles, including general manager of the Western U.S. region, vice president and general manager of Loader Parts and vice president and general manager of the North America Mining Division. Prior to joining Komatsu, he had 10 years of experience within the industry in various commercial roles.

Komatsu develops and supplies technologies, equipment and services for the construction, mining, forklift, industrial and forestry markets. For more than a century, the company has been creating value for its customers through manufacturing and technology innovation, partnering with others to empower a sustainable future where people, business and the planet thrive together. Front-line industries worldwide use Komatsu solutions to develop modern infrastructure, extract fundamental minerals, manage forests and create consumer products. The company's global service and distributor networks support customer operations to help enhance safety and promote productivity while working to optimize performance.

Source: Komatsu

Cemex recently announced that its CEO, Fernando A. González, has decided to retire after a successful career of over 35 years in the company. The Cemex board of directors has appointed **Jaime Muguero** as new CEO.



Jaime Muguero joined Cemex in 1996 and has held several executive positions in the Strategic Planning, Business Development, Ready-Mix Concrete, Aggregates, and Human Resources areas. He has headed several regional operations for

Cemex, including the Mediterranean, South, Central America and the Caribbean, and most recently serves as president of Cemex in the U.S. He also served as CEO of Cemex Latam Holdings, which was a publicly listed company.

Cemex is a global construction materials company that is building a better future through sustainable products and solutions. Cemex is committed to achieving carbon neutrality through relentless innovation and industry-leading research and development. Cemex is at the forefront of the circular economy in the construction value chain and is pioneering ways to increase the use of waste and residues as alternative raw materials and fuels in its operations with the help of new technologies. Cemex offers cement, ready-mix concrete, aggregates, and urbanization solutions in growing markets around the world, powered by a multinational workforce focused on providing a superior customer experience enabled by digital technologies.

Source: Cemex

CZM Foundation Equipment has transitioned **William Johnson** to Education and Training specialist. He will design and develop educational materials, workshops, and e-learning modules tailored for CZM, create curriculum and training schedules based on job roles, skill gaps, or compliance requirements and facilitate in-person and virtual training sessions for CZM employees and customers.



Mr. Johnson brings over 12 years' experience at CZM to this role. He was most recently the Service manager, where he served in that role for 7 years. He has been with CZM since the inception of the U.S. office in Pembroke, Georgia.

"At CZM, we recognize that adding an Education and Training specialist underscores our commitment to fostering professional growth within and ensuring our team and customers are equipped with the knowledge and skills to excel in delivering exceptional results in each job. His role will be instrumental in building a culture of continuous learning and innovation inside and outside the company. We are happy to see him step into this role to support our company's growing needs and leverage his expertise," said Giuliano Clo, president, CZM.

Source: CZM Foundation Equipment

Dacke Industri recently announced the appointment of **Krister Johnsson** as the new CEO of Swedrive AB, effective May 7th, 2025.



Mr. Johnsson is a driven manager with vast knowledge and experience covering all aspects of business operation, from leadership, sales, and marketing to production and product development. Throughout his working life, he has been at many positions and companies; among them, he was in several different roles at Nederman Holding, both in Sweden and internationally, for many years. Managing director at Balco AS and at CE Engineering Solutions and CEO at CeDe Group. Most recently, he came from Movomech Group, where he was managing director, and has extensive experience from the automotive industry field.

His understanding of direct and distribution sales and his international experience position Krister to ideally contribute to Swedrive's continued growth. His ability to navigate complex business environments and drive innovation will propel our continued sustainable growth and success in Sweden and on the global stage.

Swedrive produces electromechanical cylinders, screw jacks and worm gears for applications with high demands on quality and environment. Swedrive develops sustainable technology adapted to customers' requirements. It has its headquarters located in Lagan, Sweden, with 70 employees and an annual turnover of around kr170 million (\$24.3 million). Swedrive offers a wide product range, and the absolute strength lies in its long experience, deep competence, and the recognized high quality of its products. In addition, the company also has a great flexibility in its ability to design and construct smart solutions and quickly adapting to new conditions to meet its customers' needs.

Source: Dacke Industri

Danfoss recently announced that **Kristian Strand** has been named president of Danfoss Climate Solutions. He succeeds Jürgen Fischer who, after 16 years with Danfoss, has decided to retire.



Prior to his current role, Mr. Strand served as divisional president, Refrigeration & Air Conditioning Controls, in Danfoss Climate Solutions. He has played a crucial role in the Climate Solutions Leadership Team, driving segment strategy and performance.

"I'm honored to succeed Jürgen and to lead this exceptional team. I'm humbled by the responsibility and excited to build on the strong foundation Jürgen has established," said Kristian Strand. "I look forward to working together with the Danfoss Cli-

mate Solutions team to continue driving the business forward."

Danfoss engineers solutions that increase machine productivity, reduce emissions, lower energy consumption, and enable electrification. Our solutions are used in such areas as refrigeration, air conditioning, heating, power conversion, motor control, industrial machinery, automotive, marine, and off- and on-highway equipment. We also provide solutions for renewable energy, such as solar and wind power, as well as district-energy infrastructure for cities. Our innovative engineering dates back to 1933. Danfoss is family-owned, employing more than 40,000 people, serving customers in more than 100 countries through a global footprint of 95 factories.

Source: Danfoss

KIOTI Tractor, a division of Daedong-USA Inc., recently announced key leadership changes to strengthen its growth strategy across North America. The company welcomes **Don Lowe** as vice president of North American sales and celebrates the promotion of **Tim Phillips** to vice president of sales operations.



Don Lowe

With more than 30 years of experience in sales, dealer development, and strategic growth within the agricultural and compact construction equipment industries, Don Lowe will play a key role in expanding KIOTI's market presence. Meanwhile, Tim Phillips, a 20+ year veteran of KIOTI, will leverage his deep knowledge of the company's sales operations and dealer network to drive efficiency and growth in his new role.



Tim Phillips

In his new position, Don Lowe will oversee the KIOTI market expansion strategy, working closely with the sales team to drive growth, improve customer engagement, and strengthen the brand's position as a market leader. His extensive expertise in sales operations, dealer relations, and market development will support KIOTI's continued expansion across its product portfolio including tractors, compact construction equipment, utility vehicles, and zero-turn mowers.

Prior to joining KIOTI, he held various leadership roles at Kubota Tractor Corporation, where he managed national sales teams, dealer programs, and strategic initiatives that increased market share and customer reach. His deep understanding of the equipment industry and commitment to dealer success make him a valuable addition to the KIOTI leadership team.

Since joining KIOTI in 2003, Tim Phillips held several key positions including territory manager, eastern regional manager, and most recently, national sales manager. His extensive experience across these roles provide him with a deep understanding of

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During his tenure, he successfully led the launch of new product segments, including zero-turn mowers in 2019 and compact construction equipment in 2023, contributing to consistent market share growth. His time in the field as a territory sales manager from 2003 to 2017 earned him valuable market and dealer insights, which continue to inform his strategic leadership. Mr. Phillips also spearheaded the implementation of KIOTI's sales and operations planning process and played a leading role in expanding the dealer network. In his new role, he will oversee sales operations, market intelligence, marketing, and inside sales, driving continued growth and operational excellence across North America.

Source: KIOTI Tractor

The FP2 board of directors elected **Dave Henderson** the new president of FP2 Inc. for 2025-2027, succeeding Mark Ishee.

Mr. Henderson is executive vice president of Business Development for Asphalt Materials, Inc., a portfolio company of Heritage Construction + Materials within the Heritage Group in Indianapolis, Indiana.



He began his career in the asphalt industry right out of college, joining Koch Materials Co. in 1991. His commercial journey in the asphalt industry at Koch spanned from Ohio, Florida, South Carolina, Texas and Colorado, and he remained with Koch Materials until the business was sold to SemMaterials in 2005. His work experience also includes work with the former Road Science, LLC, and InVia Pavement Technologies, still focused on pavement preservation materials and process technologies.

In 2016, Dave Henderson joined The Heritage Group. Well into his fourth decade in this industry, he has seen change and growth, but the essentials remain the same: pavement preservation is an industry of dedicated, hard-working professionals who are steadfastly focused on the upkeep of America's vital transportation infrastructure.

Formerly known as the Foundation for Pavement Preservation, FP2 supports the adoption of pavement preservation at all levels of government, and works to ensure that pavement preservation becomes a part of road programs from coast-to-coast. It also supports valuable research in pavement preservation, and works in close cooperation with the Federal Highway Administration (FHWA), the National Center for Pavement Preservation (NCPPI), and regional pavement preservation partnerships and state-based pavement preservation centers.

Source: FP2 Inc.

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Agenda

2025 CGA Conference & Expo

April 7-10, 2025
Orlando, FL USA

bauma 2025

April 7-13, 2025
Munich, Germany

Waste 360's Waste Expo

May 5-8, 2025
Las Vegas, NV USA

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

ATRA Powertrain Expo 2025

September 3-7, 2025
San Antonio, TX USA

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

Systems & Components

November 9-15, 2025
Hanover, Germany

International WorkBoat Show

December 3-5, 2025
New Orleans, LA USA

PDAC 2026

March 1-4, 2026
Toronto, ON Canada

CONEXPO-CON/AGG

March 3-7, 2026
Las Vegas, NV USA

GaLaBau 2026

September 15-18, 2026
Nuremberg, Germany

FDIC 2026

April 20-25, 2026
Indianapolis, IN USA

World of Asphalt/AGG1 2027

March 15-17, 2027
New Orleans, LA USA

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April 21-24, 2027
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