Wirtgen Group introducing six market premières and three global firsts at Conexpo 2026

Pioneering technologies for road construction, earthworks and materials processing

With 24 world and market premieres at the machinery exhibition, plus the latest technologies and digital solutions, John Deere and the Wirtgen Group will be offering visitors to the show a customer-focused experience. They will also find a presentation of the John Deere Operations Center™ on the ground floor of the Innovation Centre at the heart of the shared stand (outdoor area, Silver Lot SV2415). The construction site-oriented tool serves as a digital hub where all machine and job data are collected in one place. The product presentation is rounded off by a portfolio of digital aftermarket solutions on the top floor.

14 Wirtgen Group machines alone are equipped with the latest technologies such as Wirtgen Group Performance Tracker, including AutoPilot 2.0, Smart Level Pro, Smart Pave, Smart Compact Pro and SPECTIVE CONNECT. These enable the automation of work processes as well as the collection and evaluation of performance data. With them, the company group helps customers to make processes more efficient, more transparent and more profitable at every stage of the construction chain.

**Global firsts and market premieres at the machinery exhibition**

Cold milling specialist **Wirtgen** will be presenting a world premiere that opens up an entirely new area of application for its customers. Detailed information will be available at the start of the trade show.

The new generation of wheeled cold recyclers and soil stabilisers from the WR X-Tier series will also be making an appearance. These machines cover a broad spectrum of applications ranging from cold recycling – structural road rehabilitation – to the stabilisation of a variety of construction materials in processes such as soil stabilisation or consolidation in road construction. The intuitive Human-Machine Interface (HMI) offers comprehensive assistance and interactive, digital guidance for the improvement of mixing quality and productivity. Digital components such as MIX ASSIST and Wirtgen Group COPILOT significantly increase efficiency while simultaneously lowering the operating costs per square metre.

**Vögele** will be launching the latest generation of Dash 5 pavers for the North American market. These machines are characterised by improved ergonomics for machine operators, faster setup times, more automated processes and an efficient drive concept. Particular highlights at the show will be the world premieres in the 10 ft. class: the SUPER 2000-5 X tracked paver and the SUPER 2003-5 X wheeled paver with the completely redesigned VR 600 screed with rear-mounted extensions and the VF 600 with front-mounted extensions. Vögele will be presenting the SUPER 2100-5 X with a high compaction screed as a further representative of the Dash 5 generation. This is frequently used when paving roller compacted concrete (RCC). All Dash 5-X-Tier pavers can be equipped with the latest digitalisation and automation solutions for pavers.

The SUPER 800-5 P from the Mini Class segment – the successor to the SUPER 700 – is the latest addition to the range of machines for asphalt paving. This small Dash 5 paver also comes with new features such as the intuitive ErgoBasic 5 operating concept and a completely new hopper wall geometry that ensures an ideal overview and flexible loading.

**Automation and high-precision measurement methods**

At **Hamm**, the focus is on the automation of compaction processes. For instance, the already familiar Smart Compact Basic has now been expanded to include the decisive parameter for quality assessment during compaction: the real-time asphalt density. This is determined on the machine by the new Realtime Density Scan function in the Smart Compact Pro system and forms the basis for automated regulation of the compaction energy and compaction modes in both drums of the HD+ and HX series tandem rollers. This enables the roller driver to constantly monitor the development of the density in real-time, even during static compaction. Smart Compact Pro enables monitoring of the asphalt density over the entire construction site. This enables precise compliance with regulatory requirements and significantly reduces the risks of financial penalties. All in all, compaction with Smart Compact Pro saves enormous costs and plays an essential role in assuring a longer service life of the paved road surface. With the HC 200i C VA, Hamm will also be presenting a corresponding solution for the earthworks segment that enables automated, direct and continuously variable adjustment of the amplitude on the basis of a new measured value in MN/m². With the HC 100i G-Tier compactor, Hamm will also be presenting a new model for the North American market designed especially for plant hire customers.

**Production systems for materials processing**

For the materials processing sector, **Kleemann** will be presenting its MOBISCREEN MSS 1102 PRO scalper, a new PRO Line screening plant being shown on the North American market for the first time. The robust plant is designed for processing materials at rates of up to 750 t/h and is ideal for use in quarries. The intuitive plant control concept reduces the risk of operating errors and minimises operator training time. Additionally, all relevant functions can be operated from a safe distance, thereby ensuring a higher level of occupational safety. Thanks to the optional Dual Power drive, the MSS 1102 PRO can also be operated all electrically. In conjunction with other Kleemann crushing and screening plant and smart line coupling, the new scalper impressively demonstrates its advantages for customers as part of a complete production system.

The Kleemann screening plants can now also be equipped with SPECTIVE CONNECT. This digital application provides operators with all relevant data such as speed, consumption values and fill levels directly on their smartphone.

The stockpile monitoring function provides a display of the current status of material stockpiles. This makes the work easier and increases productivity.

John Deere Operations Center™ – the central tool for all projects

The digital telematics platform for solutions for the optimisation of processes, machines and services is where all information required for end-to-end management of entire construction sites is brought together. Among other things, previously created project data can be communicated directly to milling machines and pavers via the integrated Work Planner to enable partially automated completion of projects. Users are provided with a continuous overview of the overall process progress by being able to view relevant performance data generated by the Wirtgen Group Performance Tracker (WPT). The following WPT solutions are available: WPT Milling, WPT Paving (asphalt paving), WPT Compacting, WPT Crushing and WPT Stabilizing (soil stabilisation). They also document all work carried out by a machine – for example, a milled, paved or compacted area or the volume of materials processed.

Thanks to smart hardware and software solutions, existing machines can be very quickly retrofitted with the system for the measurement and documentation of performance data. Digital solutions thus contribute to ensuring that customers can fulfil their obligations for providing detailed reports without significant additional effort and can look forward to considerably less stress in their daily work.

Photos:

  
V\_pic\_SUPER2100-5X\_Candlelight\_0090\_HI

Vögele brings the latest Dash 5 paver generation to North America for the first time.

  
W\_pic\_Jobsite\_Euskirchen\_WR240X\_0001\_HI

The new WR X-Tier series from Wirtgen celebrates its market première at Conexpo.



**HAMM\_Smart Compact Pro**

Smart Compact Pro from Hamm integrates real-time density into automated compaction for the first time.



KL\_ MSS 1102 PRO

Market première: with the MOBISCREEN MSS 1102 PRO, Kleemann extends the upper segment of its portfolio of mobile scalpers above the already established MOBISCREEN MSS 802 EVO.

Please note: the photographs shown here are only previews. If you wish to publish them in other media, please download the higher resolution (300 dpi) versions from the Wirtgen Group websites.

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